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Draft Final

RFI Report

Table 3 RCRA Facility Investigation

Volume II

July 1995

49th FIGHTER WING

49 CES/CEV
Holloman Air Force Base,
New Mexico

APPENDIX A

Correspondence with Regulatory Agencies

Attachment A.1:	**NMED Letter Dated 2 November 1992**
Attachment A.2:	**NMED Letter Dated 25 January 1993**
Attachment A.3:	**Confirmation Notice No. 8**

Attachment A.1

NMED Letter Dated 2 November 1992

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Rec'd CE 10/30/92

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

November 2, 1992

Mr. Howard E, Moffitt
Deputy Base Civil Engineer
49 CES/CEV
Holloman AFB, NM 88330-5000

RE: APPROVAL FOR CLEANUP OF SOILS CONTAMINATED WITH GREATER THAN 1000 PARTS PER MILLION TOTAL PETROLEUM HYDROCARBONS

Dear Mr. Moffitt:

The New Mexico Environment Department (NMED) has received your letter dated August 7, 1992 in which you requested a soil cleanup level of 1000 ppm TPH in lieu of remediating all "highly contaminated" soils (as they are defined in Section 1201G of the Underground Storage Tank Regulations) at Holloman AFB. As you mentioned in your letter, 1000 ppm, by weight, of diesel or gasoline is apparently a lower level of contamination than is "highly contaminated". The Environment Department approves your requested 1000 ppm TPH cleanup standard with the following stipulations:

1. determination of contaminant levels will be by laboratory analyses and not by field methods,

2. analysis for aromatic volatile organics by gas chromatograph and a photo-ionization detector will be done where soils are contaminated by gasoline, and analysis for non-halogenated semi-volatile organics by gas chromatograph and a flame-ionization detector will be done where the contaminant is a heavier-than-gasoline petroleum hydrocarbon,

3. samples will be taken from the areas of highest apparent (visual determination method) saturation, or contamination if the area is not saturated, and

4. an NMED representative will be notified prior to the cleanup to observe the removal of soils.

Please advise us when you've decided on the means for determining the lateral extent of contaminated soils, which method(s) you'll be using to remediate and dispose of the soils, and how you intend to sample the soils for contaminant levels.

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

If you have questions please contact Mr. Robert Sweeney at (505) 827-0214.

Sincerely,

James P. Bearzi
Acting Bureau Chief
Underground Storage Tank Bureau

cc: Bob Sweeney, UST Bureau
Steven Cary, GWPRB
David Morgan, GWPRB
NMED District III Office
NMED Alamogordo Field Office

Attachment A.2

NMED Letter Dated 25 January 1993

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2850

BRUCE KING
GOVERNOR

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

January 25, 1993

Mr. Howard E. Moffitt
Deputy Base Civil Engineer
49 CES/CEV
550 Tabosa Ave.
Holloman Air Force Base, NM 88330-8458

Dear Mr. Moffitt:

I have taken this opportunity to respond to your letter of December 16 to David Morgan in regard to soil and ground water remediation standards acceptable to the Environment Department at Holloman Air Force Base.

A basewide soil cleanup standard of 1000 parts per million of total petroleum hydrocarbons (TPH), measured as agreed for UST sites in the letter of November 2, 1992 to you from James P. Bearzi, will be acceptable to NMED at all sites involving release of petroleum hydrocarbons - provided there are no RCRA hazardous constituents present for which risk-based cleanup levels would be more stringent. For instance, levels of benzene in soil under proposed Subpart S corrective action guidance may not exceed 25 parts per million. As a practical matter, it is very unlikely that any constituent associated with petroleum hydrocarbons would be present in unacceptable concentrations at a site where no soil contained more than 1000 ppm TPH. However, enough confirmatory analyses must be performed at each site to ensure that this is the case.

Remediation of existing ground water contamination will not be required by NMED at Holloman Air Force Base, unless a situation is present where a human or ecological receptor is exposed to unacceptable risk from contact with the contaminated water. We agree that direct ingestion of the water by humans is not a plausible exposure scenario. However, additional ground water contamination will not be acceptable. To implement this principle, existing contaminant plumes must be adequately characterized and monitor wells in those plumes must be sampled at least annually for the contaminants present. If contaminants at any point in a plume increase in concentration, or if additional contaminants are discovered, further investigation may be required to locate and remove the source.

The Environment Department will, however, insist on remediation of any ground water contamination resulting from current or future activities at Holloman Air Force Base.

Sincerely,

Kathleen M. Sisneros, Director
Water and Waste Management Division

c: Benito J. Garcia, Chief, HRMB
Steven J. Cary, Chief, GWPRB
Rich Mayer, EPA Region 6

Attachment A.3

Confirmation Notice No. 8

CONFIRMATION NOTICE NO. 8

TO:	U.S. Army Engineer District ATTN: CEMRO-ED-EA (Mark Mercier) 215 North 17th Street Omaha, Nebraska 68102-4978
CC:	Warren Neff, HAFB Jim Haggins, HQ ACC
CONTRACTOR:	Foster Wheeler Environmental Corporation and Radian Corporation
CONTRACT NUMBER:	DACW45-94-D-0003
DELIVERY ORDER NUMBER:	DO #3, WAD #1
TITLE:	Table 3 RCRA Facility Investigation Holloman Air Force Base, New Mexico
DATE OF THIS REPORT:	21 February 1995
SUBJECT:	**Phase I Summary and Phase II Sampling Plan**
PARTICIPATING PERSONNEL:	Lowell Seaton–U.S. EPA; Warren Neff–Holloman AFB; Tom Holcomb, Whitney Dulaney, Jim Rowe–Radian Corporation; Dan Holmquist–Foster Wheeler Environmental Corporation

The Phase I TRPH field-screening results from the Table 3 RFI were discussed in a conference call with the U.S. EPA and Holloman AFB on 1 December 1994. The Phase I results were used to determine whether a release occurred from the 23 SWMUs investigated under the RFI. The proposed action for each SWMU was presented. Attachment A contains the results of the Phase I investigation, as presented to the U.S. EPA.

Five SWMUs, including 3, 4 (at the SWMU itself), 8, 10, and 18, were not investigated during the Table 3 RFI because these oil/water separators are to be excavated under a separate delivery order.

No further action was agreed to for six SWMUs including SWMUs 4 (at the leach field), 9, 20, 24, 25, and 35. These SWMUs did not have any sample which showed TRPH concentrations greater than the trigger criteria of 100 mg/kg.

Two of the SWMUs in the Table 3 RFI, 19 and 29, are situated near or within contamination related to a fuel spill (SWMUs 229 and 230, respectively) separate from the SWMU being invesigated.

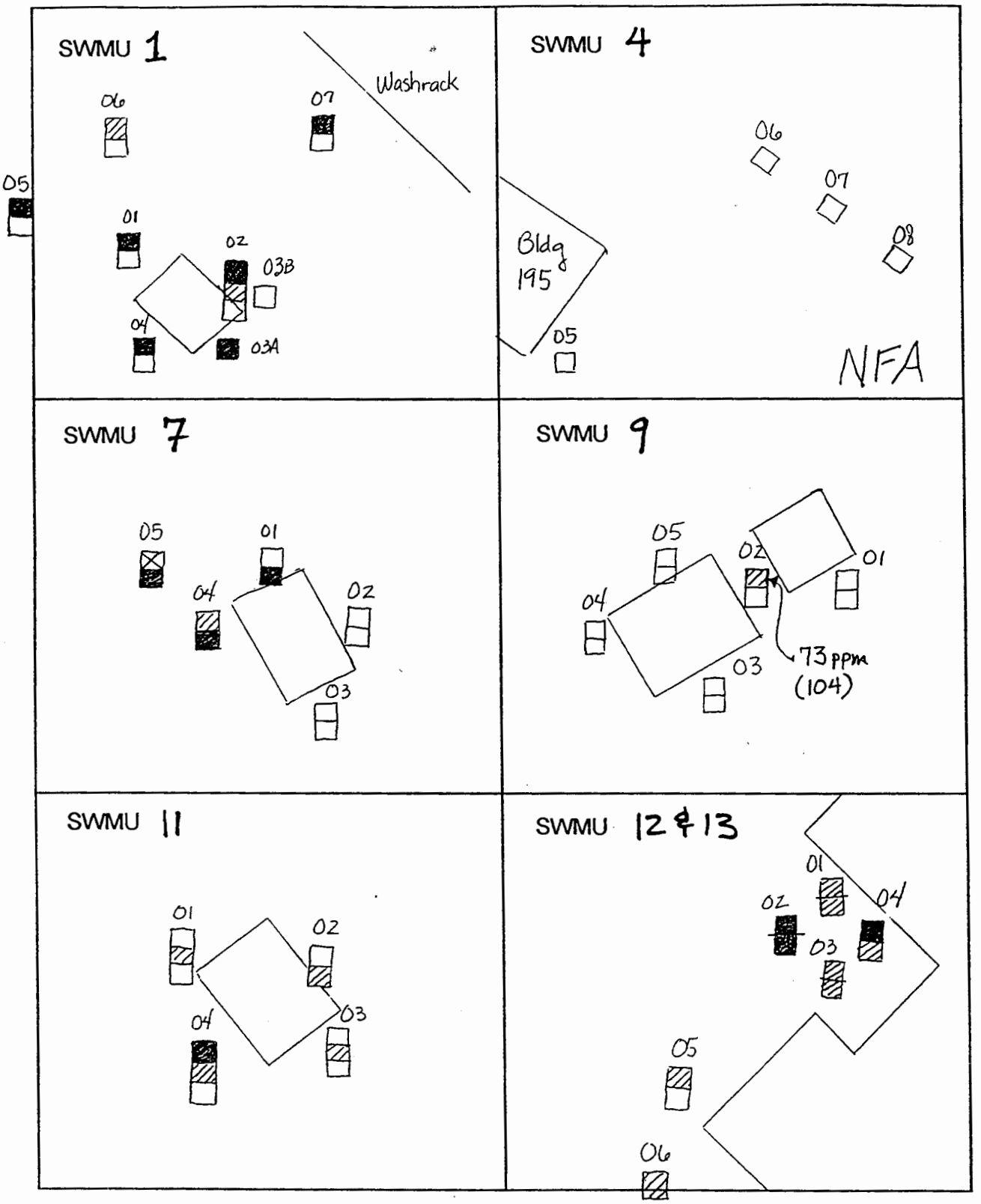
These SWMUs will not be investigated further in the Table 3 RFI but will rather be addressed during the remedial action at the fuel-spill sites. Both sites required soil and groundwater remediation. During the cleanup activities, the remediation of the contamination at SWMUs 19 and 29 will be confirmed.

The remaining SWMUs on Table 3 (1, 7, 11, 12 & 13, 14, 16, 23, 27, 28, 31, 34, 37, 38, and 41) will be investigated to determine the nature and extent of the release identified during Phase I using the strategy in the approved RFI work plan.

ATTACHMENT A

Phase I Field Screening Results

Holloman AFB Table 3 RFI--Phase I Results Summary



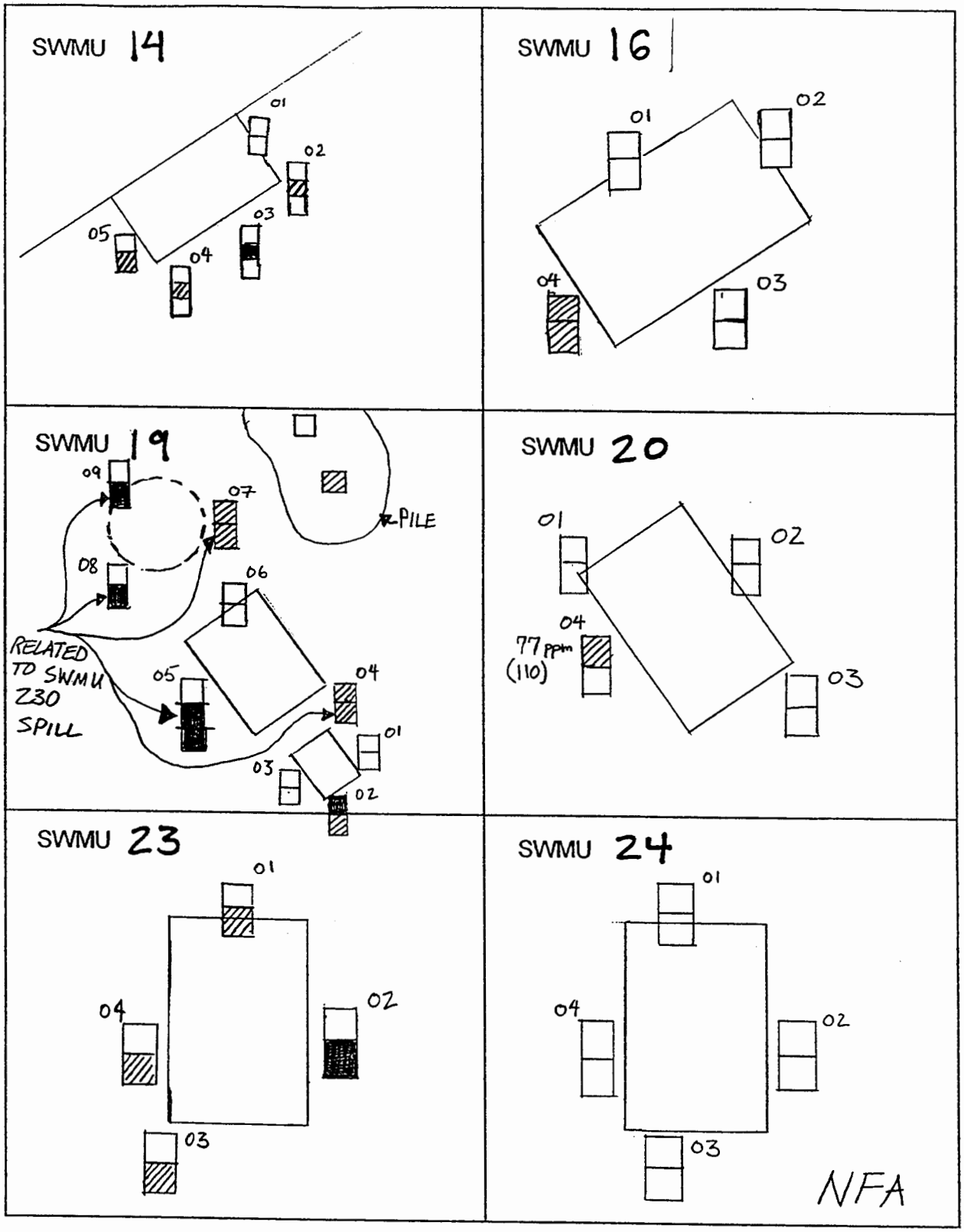
KEY TO SYMBOLS

- Top Interval
- Middle Interval
- Bottom Interval

(TPH Conc. Corrected for Spike recovery)

- TPH < 100 mg/kg
- 100 mg/kg < TPH < 1000 mg/kg
- TPH > 1000 mg/kg
- No Sample Collected

Holloman AFB Table 3 RFI--Phase I Results Summary



KEY TO SYMBOLS

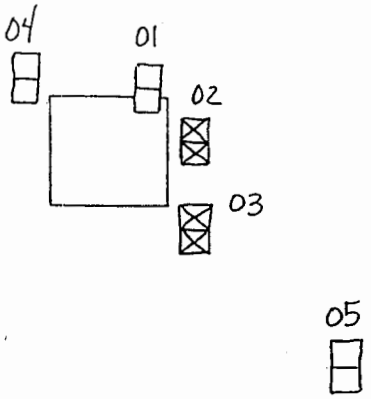
- Top Interval
- Middle Interval
- Bottom Interval

(TPH Conc. corrected for spike recovery)

- TPH < 100 mg/kg
- 100 mg/kg < TPH < 1000 mg/kg
- TPH > 1000 mg/kg
- No Sample Collected

Holloman AFB Table 3 RFI--Phase I Results Summary

SWMU 25

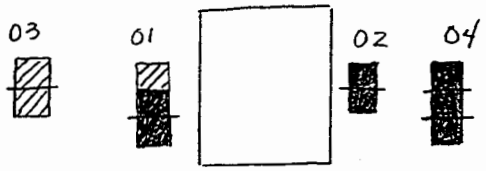


NFA

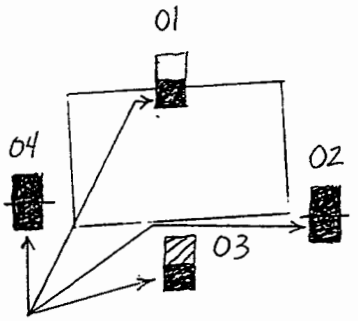
SWMU 27

See Attached Figure

SWMU 28

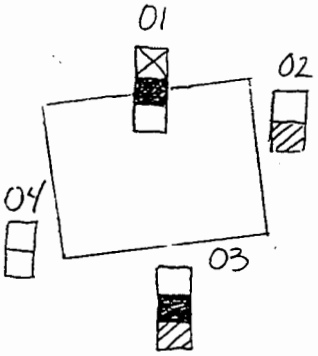


SWMU 29

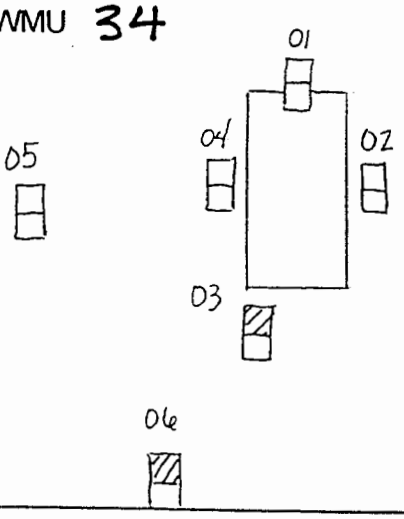


Related to Swmu 23D Spill

SWMU 31



SWMU 34

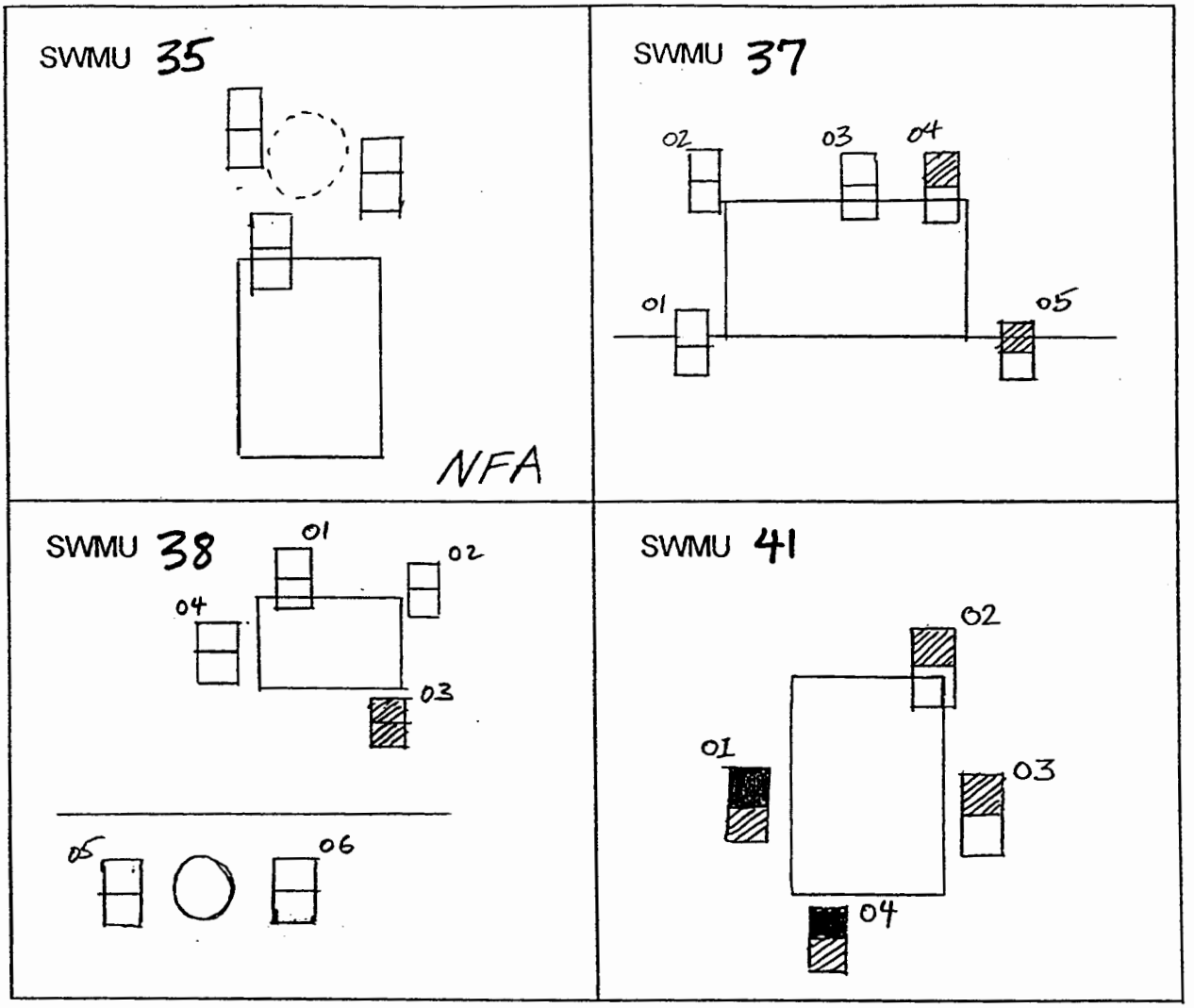


KEY TO SYMBOLS

- Top Interval
- Middle Interval
- Bottom Interval

- TPH < 100 mg/kg
- 100 mg/kg < TPH < 1000 mg/kg
- TPH > 1000 mg/kg
- No Sample Collected

Holloman AFB Table 3 RFI--Phase I Results Summary



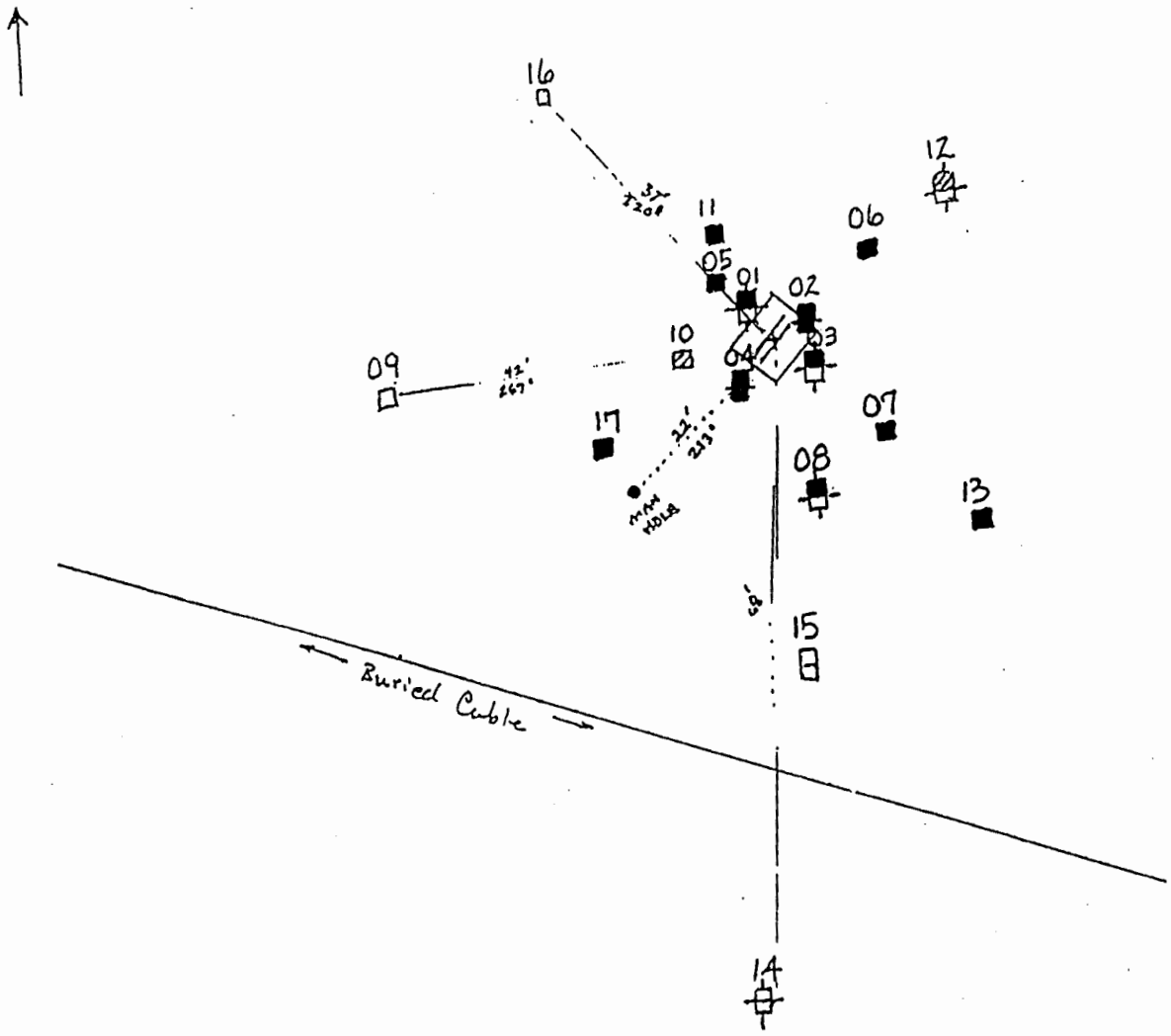
KEY TO SYMBOLS

- Top Interval
- Middle Interval
- Bottom Interval

- TPH < 100 mg/kg
- 100 mg/kg < TPH < 1000 mg/kg
- TPH > 1000 mg/kg
- No Sample Collected

Swmu 27

01, 03, 12 & 08 showed GW [TPH] > 10 mg.



20 scale

APPENDIX B

Statistical Analysis and Chemicals of Potential Concern Determination

B.1 Summary
B.2 Technical Approach
B.3 Results
B.4 Correlation of Field and Fixed Laboratory TRPH analysis
B.5 References

Attachment B.1: Summary Tables for COPCs for O/WS SWMUs
Attachment B.2: Summary Tables for COPCs for SWMU 231
Attachment B.3: Raw Data for Risk-Based Screen and Risk Assessment for O/WS SWMUs
Attachment B.4: Raw Data for Risk-Based Screen and Risk Assessment for SWMU 231

Appendix B
STATISTICAL ANALYSIS AND CHEMICALS OF POTENTIAL CONCERN DETERMINATION

This appendix presents the results of the data evaluation performed to determine the chemicals of potential concern (COPCs) for use in the Holloman Air Force Base (AFB) Table 3 risk-based screen and risk assessment. This appendix also contains a statistical evaluation of the correlation between the field and fixed laboratory results for TRPH analyses.

COPCs for Holloman AFB were identified, in general, following guidance in Chapter 5 (Data Evaluation) of the *Risk Assessment Guidance for Superfund, Volume I Human Health Evaluation Manual* (Part A) (U.S. EPA, 1989) and the *Guidance for Data Useability in Risk Assessment* (U.S. EPA, 1992a). COPCs were identified for both organic and inorganic analytes in soils. This was done for each of the solid waste management units (SWMUs) being evaluated for the qualitative risk-based screen and the quantitative risk assessment. For the Table 3 oil/water separator (O/WS) SWMUs, the data used were the soil sampling data collected during the Table 3 RFI. For the quantitative risk assessment for SWMU 231, data were compiled from two different sampling events:

- Table 1 Phase II RFI; and
- Four Sites Investigation.

For SWMU 231, COPCs were identified for analyses in groundwater as well as soils. In addition, the soil data were divided into surface and subsurface classifications. These data sources are described in more detail in the following sections.

This appendix is divided into five sections. Section B.1 presents the COPCs identified for Holloman Table 3 SWMUs, Section B.2 gives an overview of the technical approach used, and Section B.3 gives detailed results of the analysis performed. Section B.4 gives a statistical description for the analysis performed to compare the field laboratory results with the fixed laboratory results for TRPH analyses. Lastly, references are in Section B.5. Additional summary tables with detailed results are given in Attachments B.1 and B.2. The raw data used to determine COPCs is given in Attachments B.3 and B.4. These are included in the back of this appendix.

B.1 Summary

COPCs represent chemicals that are positively identified as present in a source area due to historical activities at the site. COPCs include those chemicals that are:

- Measured at levels significantly elevated above levels measured in associated blank samples (i.e., chemicals for which >5% of the measurements exceeded the UTL for blanks); and
- Measured at levels significantly elevated above naturally occurring levels.

COPCs were determined using the statistical approach described in this appendix to focus the data analysis efforts on only those compounds that are of concern at the site. Chemicals that were not detected at prescribed concentrations or frequencies were eliminated as possible COPCs. The resulting list of COPCs were then evaluated for risk, nature and extent, and fate and transport to fully characterize site conditions at these SWMUs. In addition, the COPCs presented in this appendix were further refined by the risk assessors using risk-based screening. The results of this screening is presented in Appendix C.

Figure B-1 details the decision path used to determine COPCs for the data. COPCs were identified using the principles described in EPA guidance documents U.S. EPA (1989) and U.S. EPA (1992a). Steps taken to determine COPCs included comparisons of site concentrations to blank concentrations and, for inorganic chemicals, comparisons to background concentrations. Figure B-1 is different from the historical application of procedures described in the EPA guidance documents in that:

- Uncensored data were reported from the analytical laboratory when possible so that proxy concentrations did not need to be estimated for results reported as "Not Detected" [this is the preferred approach according to EPA (1992a) and Gilbert (1987)];
- "Occurrence" (as used to calculate "frequencies of occurrence" or "frequencies of detection") was defined as a result exceeding the upper tolerance limit for uncensored blank data as opposed to the normal usage of "occurrence" as results five times greater than the maximum blank detection (or ten times the maximum blank detection for common laboratory contaminants).

These changes from historical applications allowed a more technically justifiable determination of the COPCs without the potential for bias due to arbitrary limits based on factors of a single

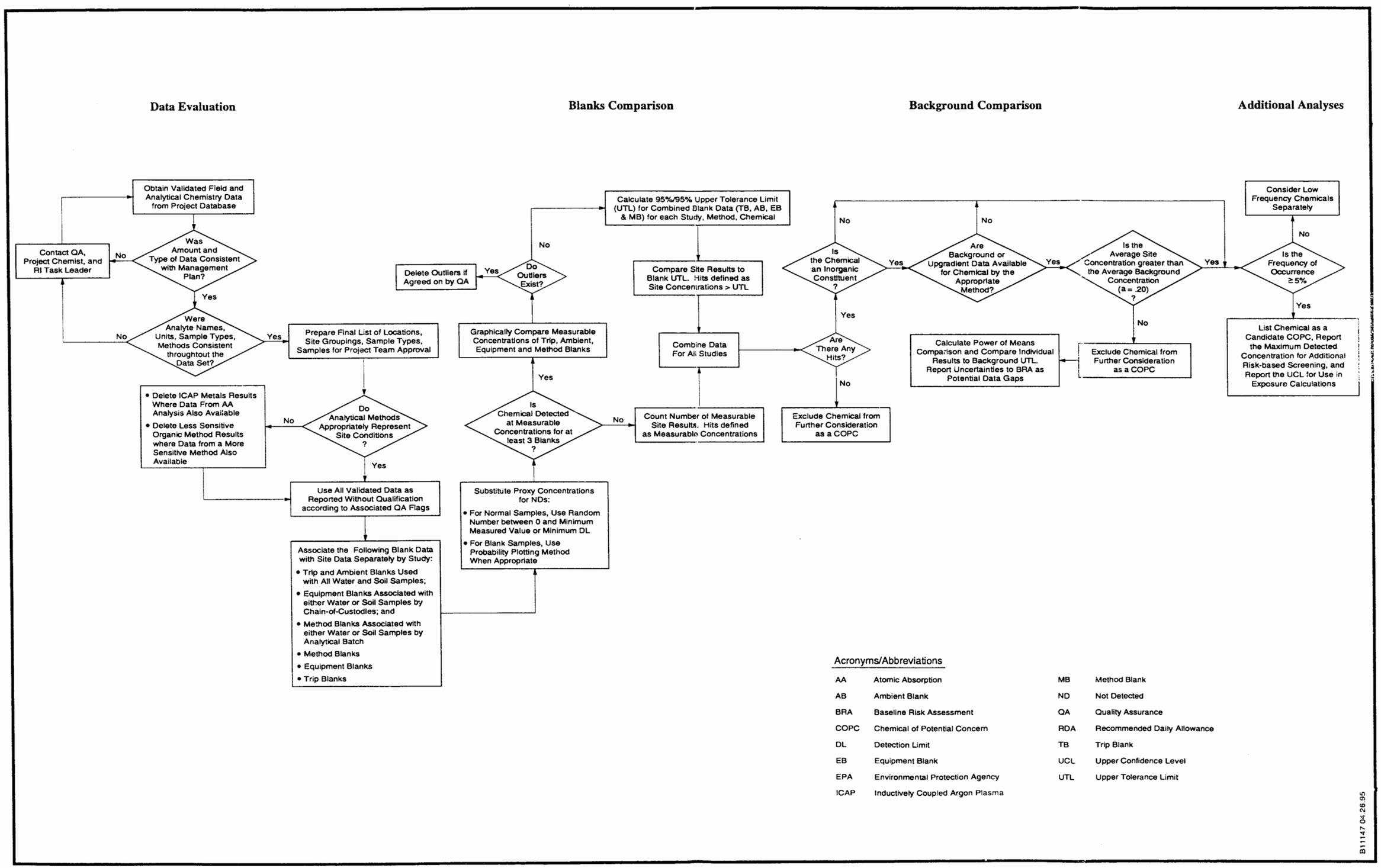


Figure B-1. COPC Identification Process

measurement (e.g., the 5 times and 10 times rule for evaluating results relative to blank data). The justification for this approach is provided in this appendix.

Tables B-1 and B-2 give the COPCs for the O/WS SWMUs and SWMU 231, respectively. The COPCs listed in these tables represent chemicals that were all positively identified on the site.

For SWMU 231, COPCs were determined for any given media using a combined data set from different sources (Table 1 Phase II investigation and Four Sites investigation). Since analytical practices probably differed between the sources (different laboratories and time periods), UTLs for blanks were first determined separately for each data source. Sample concentrations measured from a given data source were then compared to the respective blank UTL. The proportion of measurements that exceeded the UTL for blanks was determined simply as the ratio of the sum of measurements exceeding the respective UTLs from each source divided by the total number of measurements for that chemical regardless of source. Thus, the integrity of the normal and blank sample relationship was preserved for each data source, but all available data from the SWMU were used.

B.2 Technical Approach

The technical approach discussed in this section primarily addresses how COPCs were determined. It also addresses how data from the Table 1 Phase II and Four Sites sampling efforts were combined to calculate summary statistics for SWMU 231.

COPCs were identified by calculating the frequency of occurrence of site results after eliminating false-positives based on blank results. Statistical comparisons to naturally occurring background concentrations were performed for inorganic chemicals. This technical approach follows the *Risk Assessment Guidance for Superfund Volume I Human Health Evaluation Manual* (U.S. EPA, 1989). The evaluation to determine contaminants of potential concern (COPCs) for the risk assessment is detailed in Figure B-1 and includes the following steps outlined in the EPA guidance:

- Review raw data for representativeness;
- Review blank data;
- Compare site results to blank data, and calculate frequency of occurrence for site chemicals (i.e., determine if site concentrations can be distinguished from blank results using standard sampling and analytical methods);

Table B-1
Contaminants of Potential Concern for the Table 3 O/WS SWMUs

SWMU	Contaminants of Potential Concern for Soil		
1	2-Butanone	Ethyl benzene	Toluene
	2-Methylnaphthalene	Fluoranthene	Total xylenes
	Acetone	Mercury	Vinyl acetate
	Arsenic	Methylene chloride	Zinc
	Benzene	Naphthalene	benzo(a)anthracene
	Cadmium	Phenanthrene	benzo(a)pyrene
	Carbon disulfide	Pyrene	bis(2-Ethylhexyl)phthalate
	Chromium	Silver	indeno(1,2,3-cd)pyrene
	Chrysene	TRPH	
	Dibenzofuran	Thallium	
7	1,2-Dichloroethane	Dibenzofuran	Silver
	2-Methylnaphthalene	Ethyl benzene	TRPH
	2-Methylphenol	Fluoranthene	Toluene
	4-Methylphenol	Fluorene	Total xylenes
	Acetone	Mercury	Trichloroethene
	Arsenic	Naphthalene	Vinyl acetate
	Benzoic acid	Phenanthrene	
	Benzyl alcohol	Pyrene	
11	1,1-Dichloroethane	Cadmium	Tetrachloroethene
	1,1-Dichloroethene	Carbon disulfide	Toluene
	1,2-Dichlorobenzene	Chlorobenzene	Total xylenes
	1,2-Dichloroethane	Chromium	Trichloroethene
	1,2-Dichloropropane	Chrysene	Vinyl acetate
	1,4-Dichlorobenzene	Dibenzofuran	Vinyl chloride
	2-Butanone	Ethyl benzene	Zinc
	2-Chloroethylvinyl ether	Fluoranthene	benzo(a)anthracene
	2-Methylnaphthalene	Fluorene	benzo(a)pyrene
	4-Methylphenol	Lead	benzo(b)fluoranthene
	Acenaphthene	Mercury	benzo(g,h,i)perylene
	Acetone	Methylene chloride	benzo(k)fluoranthene
	Anthracene	Naphthalene	bis(2-Ethylhexyl)phthalate
	Arsenic	Phenanthrene	cis 1,2-Dichloroethene
	Benzene	Pyrene	dibenz(a,h)anthracene
	Benzoic acid	Silver	indeno(1,2,3-cd)pyrene
	Benzyl alcohol	Styrene	trans-1,2-Dichloroethene
	Bromodichloromethane	TRPH	
12/13	2-Butanone	Fluoranthene	Toluene
	2-Methylnaphthalene	Fluorene	Total xylenes
	Acetone	Mercury	Vinyl acetate
	Arsenic	Methylene chloride	benzo(a)anthracene
	Cadmium	Naphthalene	benzo(a)pyrene
	Carbon disulfide	Phenanthrene	benzo(b)fluoranthene
	Chloroform	Pyrene	benzo(g,h,i)perylene
	Chromium	Silver	benzo(k)fluoranthene
	Chrysene	TRPH	cis-1,3-Dichloropropene
	Dibenzofuran	Tetrachloroethene	indeno(1,2,3-cd)pyrene
14	1,2-Dichloroethane	Chromium	TRPH
	Acetone	Ethyl benzene	Tetrachloroethene
	Arsenic	Fluoranthene	Toluene
	Benzene	Mercury	Total xylenes
	Cadmium	Methylene chloride	Trichloroethene
	Carbon disulfide	Pyrene	Vinyl acetate
	Chloroform	Silver	Zinc

Table B-1
(continued)

SWMU	Contaminants of Potential Concern for Soil		
16	Acetone	Methylene chloride	Toluene
	Carbon disulfide	Silver	Total xylenes
	Ethyl benzene	TRPH	di-n-Butylphthalate
	Mercury	Thallium	
23	1,2-Dichlorobenzene	Benzene	Naphthalene
	1,3-Dichlorobenzene	Butylbenzylphthalate	Phenanthrene
	1,4-Dichlorobenzene	Cadmium	Pyrene
	2-Butanone	Carbon disulfide	Silver
	2-Methylnaphthalene	Chromium	TRPH
	2-Methylphenol	Dibenzofuran	Toluene
	4-Chloro-3-methylphenol	Dimethylphthalate	Total xylenes
	4-Methylphenol	Ethyl benzene	Vinyl acetate
	Acenaphthylene	Fluoranthene	bis(2-Ethylhexyl)phthalate
	Acetone	Mercury	di-n-Butylphthalate
	Arsenic	Methylene chloride	di-n-Octylphthalate
27	1,1-Dichloroethene	Carbon disulfide	Selenium
	2,4-Dinitrotoluene	Chlorobenzene	Silver
	2-Butanone	Chromium	TRPH
	2-Chloroethylvinyl ether	Chrysene	Thallium
	2-Hexanone	Dibenzofuran	Toluene
	2-Methylnaphthalene	Dimethylphthalate	Total xylenes
	2-Methylphenol	Ethyl benzene	Trichloroethene
	3-Nitroaniline	Fluoranthene	Vinyl acetate
	4-Methylphenol	Fluorene	Zinc
	4-Nitroaniline	Mercury	bis(2-Ethylhexyl)phthalate
	Acetone	Methylene chloride	cis 1,2-Dichloroethene
	Arsenic	Naphthalene	n-Nitrosodiphenylamine (1)
	Benzene	Phenanthrene	
	Cadmium	Pyrene	
28	2-Butanone	Ethyl benzene	Toluene
	2-Methylnaphthalene	Fluoranthene	Total xylenes
	Acetone	Mercury	Vanadium
	Arsenic	Methylene chloride	Vinyl acetate
	Cadmium	Naphthalene	Zinc
	Carbon disulfide	Pyrene	benzo(a)anthracene
	Chromium	Silver	benzo(b)fluoranthene
	Chrysene	TRPH	bis(2-Ethylhexyl)phthalate
	Cobalt	Thallium	di-n-Butylphthalate
31	2-Methylnaphthalene	Fluorene	Total xylenes
	Acetone	Phenanthrene	Vinyl acetate
	Dibenzofuran	TRPH	di-n-Butylphthalate
	Ethyl benzene	Toluene	
34	Acetone	Chromium	Silver
	Antimony	Cobalt	TRPH
	Arsenic	Copper	Vanadium
	Beryllium	Lead	Vinyl acetate
	Cadmium	Mercury	Zinc
	Carbon disulfide	Methylene chloride	bis(2-Ethylhexyl)phthalate
37	Acetone	Fluoranthene	Thallium
	Anthracene	Methylene chloride	Toluene
	Antimony	Phenanthrene	Vinyl acetate
	Arsenic	Pyrene	benzo(a)anthracene
	Cadmium	Silver	benzo(b)fluoranthene
	Chrysene	TRPH	benzo(k)fluoranthene

Table B-1
(continued)

SWMU	Contaminants of Potential Concern for Soil		
38	Acetone Arsenic Cadmium Chromium Chrysene Cobalt Diethylphthalate Ethyl benzene Fluoranthene	Mercury Methylene chloride Phenanthrene Pyrene Silver TRPH Toluene Total xylenes Vinyl acetate	Zinc benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene benzo(k)fluoranthene bis(2-Ethylhexyl)phthalate cis 1,2-Dichloroethene indeno(1,2,3-cd)pyrene
41	Acetone Arsenic Cadmium Ethyl benzene	Methylene chloride TRPH Toluene Total xylenes	bis(2-Ethylhexyl)phthalate di-n-Butylphthalate

Table B-2
Contaminants of Potential Concern for SWMU 231

SWMU	Contaminants of Potential Concern		
	Surface Soils	Subsurface Soils	Groundwater
231	2,3/2,4-Dimethylaniline 2,5-Dimethylaniline 2,6-Dimethylaniline 3,4-Dimethylaniline 3,5-Dimethylaniline Aluminum Aniline Antimony Arsenic Barium Beryllium Cadmium Chlorobenzene Chromium Cobalt Copper Diesel Ethyl benzene Furfuryl Alcohol Iron Magnesium Manganese Methylene chloride Nickel Potassium Selenium Thallium Toluene Total xylenes Vanadium Xylenes Zinc	2,4-Dimethylphenol 2-Methylnaphthalene Aluminum Aniline Antimony Arsenic Barium Beryllium Cadmium Chlorobenzene Chromium Cobalt Diesel Iron Lead Manganese Methylene chloride Naphthalene Nickel Potassium Selenium Silver Thallium Toluene Total xylenes Vanadium Zinc	Aluminum Arsenic Calcium Chloroform Chromium Cobalt Copper Iron Lead Magnesium Manganese N-Nitrosodimethylamine Potassium Selenium Sodium Tetrachloroethene Trichloroethene

- Perform comparisons between site and background concentrations for naturally occurring chemicals (i.e., inorganic chemicals).

- Calculate summary statistics for contaminants of potential concern.

Each of these steps are described in the following subsections.

B.2.1 Review of Available Raw Data for Representativeness

The first step in the COPC identification process is to review the available raw data for applicability. The EPA guidance states that all available data should be used to determine COPCs if the data are of sufficient and comparable quality and representative of site conditions. According to EPA guidance, this data review process must include an evaluation of the following areas:

- Data available from historical site investigations;
- Analytical methods;
- Quantitation limits;
- Data qualifiers; and
- Tentatively identified compounds (TICs).

Each of these steps in the data review process are addressed below.

B.2.1.1 Review of Data Available from Historical Site Investigations

For the O/WS SWMUs 1, 7, 9, 11, 12/13, 14, 16, 19, 20, 23, 24, 27, 28, 29, 31, 34, 37, 38, and 41 the only data available were soil data collected during the Table 3 RFI.

For SWMU 231, data from both the Table 1 Phase II RFI and the Four Sites investigation were available. The COPC determination was performed for both soil and groundwater data with the soil data being subclassified as surface and subsurface. The Table 1 Phase II data and Four Sites data were collected during different time periods by different Radian sampling teams. The Four Sites data was collected during the first quarter of 1993. The Table 1 Phase II data was collected during the fall of 1994.

EPA guidance specifies that data collected from a site at different time periods by different sampling teams can be combined if the methods used to analyze samples from different time periods and sampling teams are similar in terms of types of analyses conducted and the QA/QC procedures followed, and

if the concentrations between sampling periods are similar. This is the case for the data from these two data sources. Thus, in calculating summary statistics for the risk assessment, data from all the available sources listed above were compiled and used together. Chemicals were grouped and evaluated by analytical method. The QA/QC procedures followed for each of these data collection efforts are discussed in their respective study reports.

Metals background data for soils and groundwater were obtained from the *Holloman Base-wide Background Study* (Radian, 1993a) which presents background data collected during the spring of 1993 by Radian Corporation.

B.2.1.2 Analytical Methods

An examination of the analytical methods used to evaluate the data for the investigations was an important part of the data review process. It focused on ensuring that the analytical methods used were appropriate for the analytes of interest (for example, chemicals known to have been used at the SWMUs). For each of the three investigations, the approved sampling and analysis plans were implemented successfully and data were generated using the planned analytical methods. A detailed evaluation of the analytical methods used during the Table 3 RFI for the O/WS SWMUs is presented in the *Sampling and Quality Control Summary Report, Table 3 RCRA Facility Investigation* (Radian, 1995a). The analogous report for the SWMU 231 is presented in the *Sampling and Quality Control Summary Report, Table 1 Phase II* RFI, (Radian, 1995b). The data collected for the Four Sites investigation went through the same type of QA review as the other data. The QA results for the Four Sites investigation can be found in the *Sampling and Quality Control Summary Report, Investigation of Four Waste Sites* (Radian, 1993b).

After combining the Table 1 Phase II investigation data with data from the Four Sites investigation for SWMUs 231, some chemicals were found to have been analyzed using two different analytical methods. In these cases data analysis was performed separately for each chemical and analytical method. If a chemical was shown to be a COPC by any one analytical method, then that chemical was listed as a COPC and only data from that analytical method were used to determine summary statistics for the risk assessment. If a chemical was shown to be a COPC by multiple analytical methods, then the analytical method determined to be most representative of Holloman AFB site conditions (i.e., the analytical method that provided the most representative results) was used. For inorganic analytes, results from the graphite furnace methods were chosen over results from the inductively coupled plasma emission spectroscopy method because graphite furnace spectroscopy is subject to fewer interferences and can generally detect lower concentrations.

For organic analytes, measurements from methods SW8015MP, SW8020, and SOP-427 (Thiokol, 1994) were chosen over methods SW8240 and SW8270 because these methods are more sensitive and able to achieve lower detection limits. [It is noted that for the comparisons to background, a deviation from this rule was made for arsenic and selenium. In the Holloman background study (Radian, 1993a), arsenic and selenium in soils were analyzed using method SW6010. During the Holloman Table 1 Phase II investigation, the Four Sites investigation, and the Table 3 investigation, arsenic and selenium were analyzed using methods SW7060 and SW7740, respectively. When doing a comparison between site and background results, arsenic by SW7060 was compared to arsenic by SW6010 and selenium by SW7740 was compared to selenium by SW6010.]

A special situation also occurred with aniline for SWMU 231, surface soil data. Here both Table 1 Phase II data and Four Sites data were available. The Table 1 Phase II data for aniline were exclusively from SOP-427, whereas the Four Sites data were from the less sensitive method SW8270. Both data sets had one detectable result for aniline and both resulted in aniline being declared a COPC. Ordinarily the more sensitive SOP-427 data would have been used in favor of the SW8270 data, but in this case the one detected result from SOP-427, 0.0186 mg/kg, was orders of magnitude lower than the detected result from SW8270, 15 mg/kg, and it was deemed not appropriate to drop this larger value from the study. Merging the two data sets together was not appropriate since they came from different studies and their reporting limits for this analyte were so different (0.009 to 0.010 mg/kg for SOP-427 and 0.43 to 11 mg/kg for SW8270). Using the SW8270 data in lieu of the SOP-427 data was also not appropriate since the former represents only three samples and the latter thirteen. The course taken was to evaluate both data sets separately and run both through the risk assessment process independently. This enabled the use of all relevant data and protected the integrity of these diverse data sets.

B.2.1.3 Quantitation Limits

The third step in the data review, as specified in the EPA guidance, involves the evaluation of "quantitation limits" for all of the chemicals assessed at the site. This analysis sometimes leads to the use of "proxy" (or estimated) concentrations for values reported as "not detected" and/or the elimination of certain chemicals from further consideration (because they are believed to be absent from the site).

The SQCSRs (Radian, 1993b, 1995a, and 1995b) give "quantitation limits" or reporting limits (RLs) specific to each sample collected during the investigations. The sample RLs take into account sample characteristics (e.g., matrix, dry weight) and analytical dilutions. RLs represent the lower bound of the normal working range for a particular method, and in this sense are conceptually similar to method quantitation limits.

Although RLs are available for assessment of the data, they were not used by the analytical laboratory to censor data prior to the statistical analyses performed for this investigation. "Uncensored" data were requested from the laboratories for all sample and blank results. Uncensored data are measurements for which the results are reported "as measured" by the analytical instrument. The results are obtained using standard analytical and data reporting techniques, except that results below the RL are not discarded or reported as "not detected." Thus, numerical results are available for a larger proportion of the sample measurements. "Censoring," while often used for a variety of reporting needs (e.g., censoring all results below a health-based criteria and reporting "< Health Limit"), complicates statistical analysis and interpretation by removing information about measurement variability. Censoring also necessitates the use of proxy concentrations for results reported as "not detected" so that a numerical estimate is available for each result. A better approach is to use the uncensored data generated by the analytical laboratory and prevent the need for proxy concentrations (U.S. EPA, 1992a and Gilbert, 1987). While these measurements below the reporting limit may not indicate the presence and/or concentration of target analytes as reliably as measurements above the reporting limit, the uncensored measurement is a better estimate of the concentration than any proxy concentration and will allow a better characterization of site conditions by data users and decision makers.

Uncensored data were used as reported for much of the inorganic and organic analyses. This includes the use of negative results when they were reported for inorganic constituents. The use of negative results is appropriate and justifiable and has been recommended by numerous authorities for this type of application (see, for example, ASTM D-4210-83). The use of negative measurements is technically appropriate for all methods but is more common for inorganic methods. As the true concentration approaches zero, measurement variability causes the range of possible measurements to include negative results. As shown in the example in ASTM D 4210-83, exclusion or censoring of these negative measurements would bias any summary statistics (e.g., the average or mean) and thus provide a biased estimated of site conditions. Therefore, all uncensored measurements (i.e., positive and negative) were used as reported in the statistical determination of COPCs.

For some of the organic and inorganic analytes, the data are automatically censored by the laboratory even when uncensored data are requested. This happens for those methods that use electronic filtering mechanisms to eliminate signals below a specified threshold (e.g., peak height, peak width, area reject). Thus, for these methods, results included data that were above the quantitation limit, "J" flagged data (reported results less than a quantitation limit), and "NDs" (where an "ND" indicated "no signal greater than the established threshold", <u>not</u> that the measurement was less than a reporting limit). Because there is usually

a positive concentration related to the signal threshold (i.e., ND does not mean zero concentration), proxy concentrations were estimated for uncensored data reported as "NDs".

There are a number of ways for estimating proxy concentrations (e.g., substituting one-half the detection limit, substituting a uniform random number between zero and the reporting limit, etc.). The data had J-flagged results (i.e., results lower than the reporting limit); thus, using a number between 0 and the RL would provide an overly conservative estimate of NDs since it is known that the instrument can detect results down to the minimum J-flagged result. Proxy values were therefore estimated for NDs using a uniform random number between 0 and the smaller of the minimum result and the RL for each SWMU and media. This is believed to be the best approach, since the RLs were, in some cases, orders of magnitude higher than the maximum detected results. In these cases, using a number between 0 and the RL would result in means and UCLs that were higher than the maximum detected result for some SWMUs and media.

The approach used for estimating NDs is consistent with the EPA Risk Assessment Guidance document (RAGS, U.S. EPA, 1989). RAGS states that if using one-half the RL for NDs results in UCLs that are larger than the maximum detected result, then the ND records can be eliminated from the data set. The ND records were not eliminated, but rather the ND record was replaced with a more reasonable proxy concentration (i.e., a random number between 0 and the smaller of the minimum detected result or the RL, instead of one-half the RL).

B.2.1.3 Data Qualifiers or Codes

The fourth step in the data review process involves a review of data qualifiers or codes reported with the analytical results so that uncertainties can be identified and evaluated. All data that were validated during the QA/QC process were used to determine COPCs. This includes some data with qualifiers that indicate known identities, but uncertain concentrations. A complete description of the laboratory qualifier codes associated with the analytical data is given in the SQCSRs.

B.2.1.5 Tentatively Identified Compounds

The last step in the data review process is an evaluation of tentatively identified compounds (TICs). The mass spectral analysis of samples for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) results in the identification and quantitation of compounds given in the target compounds list (TCL). Sometimes the mass spectra indicate the presence of additional organic compounds that are not on the TCL. These spectra are compared with library spectra, and the compounds are tentatively

identified compounds (TICs). The assigned identity and reported concentrations of TICs are uncertain because they are not based on direct comparison to calibration standards containing the compound, as is the case for TCL compounds. EPA guidance states that TICs should be included in the risk assessment unless information exists to indicate that the TICs are not present at the site or unless the reported TICs do not have any associated toxicity values and therefore cannot be evaluated in the risk assessment. All of the TICs reported for the Table 1 Phase II data and the Four Sites data were evaluated and had no associated risk toxicity values and were therefore removed from the SWMU 231 data set. No TICs were reported for the O/WS SWMUs.

B.3.2 Review of Blank Data

According to EPA guidance, the second step in determining COPCs is to review the blank data to determine if site results are due to a source other than historical site activities (e.g., sampling or laboratory contamination). Field and laboratory blanks are included in the analytical program to provide an indication of the potential introduction of contaminants into samples during sample collection or analyses (e.g., during sampling, decontamination, or shipping). EPA guidance (both Contract Laboratory Program and risk assessment guidance) suggests that any site concentration greater than 5 times the maximum blank result for that analyte be considered a positive identification and should be included in the risk assessment. For common laboratory contaminants (CLCs), such as acetone, methyl ethyl ketone, methylene chloride, toluene, and the phthalate esters, the EPA recommendation is that site concentrations greater than 10 times the maximum blank result be considered a positive identification and should be included in the risk assessment. The approach used for the this analysis to determine positive occurrences or frequencies of occurrence deviates from that suggested in the EPA guidance.

Blank results can be used to evaluate the "noise" in the analytical system to verify whether site concentrations were in fact greater than the analytical noise. Blank results for this investigation were evaluated in terms of upper tolerance limits (UTLs) which are used to identify upper extremes of possible measurement results when there is not site contribution of the target analyte. A site result greater than the UTL for the blanks was considered a positive occurrence for that chemical. The approach used is believed to be a more justified approach in that it is a more accurate assessment of the likelihood of a measurement to be analytical noise or representative of site conditions. The intent of the 5- and 10-times rule in the EPA guidance is to identify results that can be distinguished from analytical noise and those that cannot. The calculated UTLs for blank results accomplish this objective since they are probabilistic upper limits for the blank concentrations for a specific analyte.

Before calculating UTLs, the blank data were evaluated to determine if there were any extremely high or outlying data which would indicate unusual contamination events. Box plots of the data were generated for each matrix (groundwater and soils) and analyte for the different types of blank data. Box plots are useful graphical tools for comparing the central tendency and dispersion of data distributions. An example of the box plot figures used for this analysis is presented in Figure B-2. Figure B-2 shows an example figure with the box plots for two cases:

1) Where the source data are indistinguishable from blank data; and

2) Where the source data appear different from blank data.

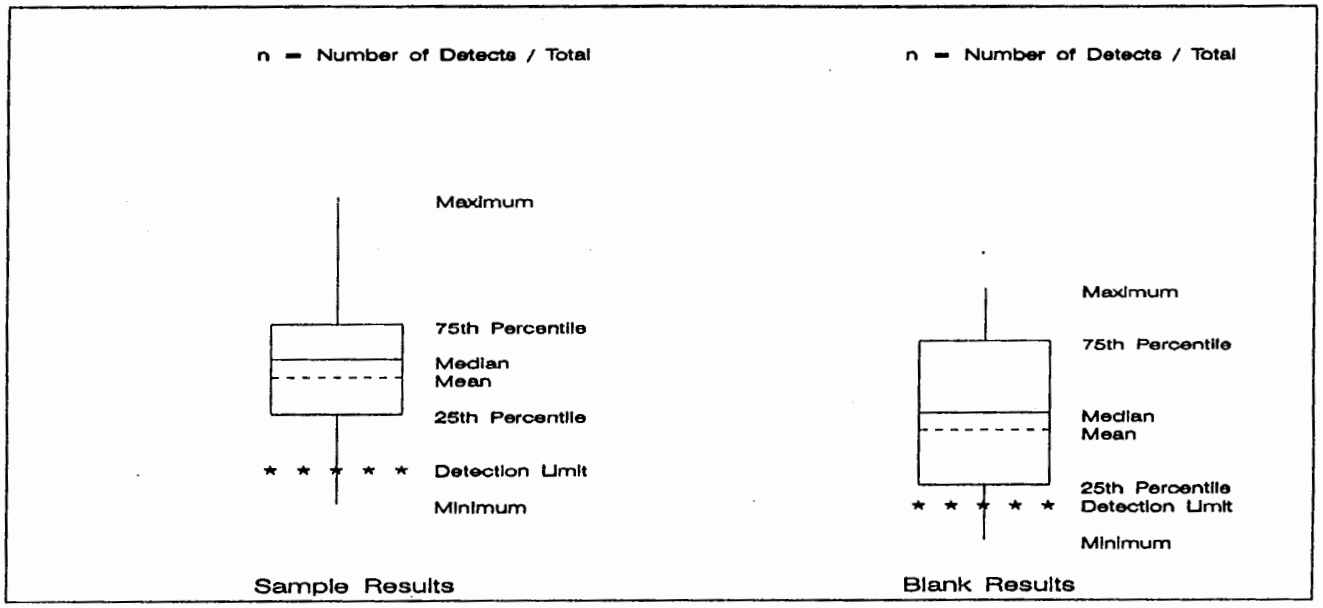
Each box plot is annotated to describe the summary statistics shown in the plot. The bottom and top of the box are the 25th and 75th percentiles of the data, respectively; the bottom and the top of the vertical lines extending from the box plot are the minimum and maximum of the data, respectively; the solid horizontal line contained within the box is the median (the 50th percentile); and the dashed horizontal line is the mean. The labels on the x-axis identify the type of sample (e.g., sample results or blank results). The sample size is also identified at the top of each box plot. Lastly, horizontal stars indicating the median reported reporting limit are overlaid on the box plots.

Results of this analysis of the box plots showed that, in general, there were no apparent differences between the distributions of blank results for the different types of blank samples, for a given analyte (i.e., there were no indications of contamination due to sampling or analysis activities). The different types of blank samples were therefore pooled for each matrix and analyte. Values that were statistical outliers or that were judged during the QA/QC evaluation to be potentially biased high were flagged, but included in the calculation of the UTLs for blanks.

Upper tolerance limits for the blank samples were calculated assuming a normal distribution for those blank data sets found to be normally distributed according to the Shapiro-Wilk test (Gilbert, 1987). The normal UTL is calculated using the following equation:

$$UTL = \bar{x} + (K \times s)$$

Where Samples are Not tinguishable from Blanks



Where Samples are Distinguishable from Blanks

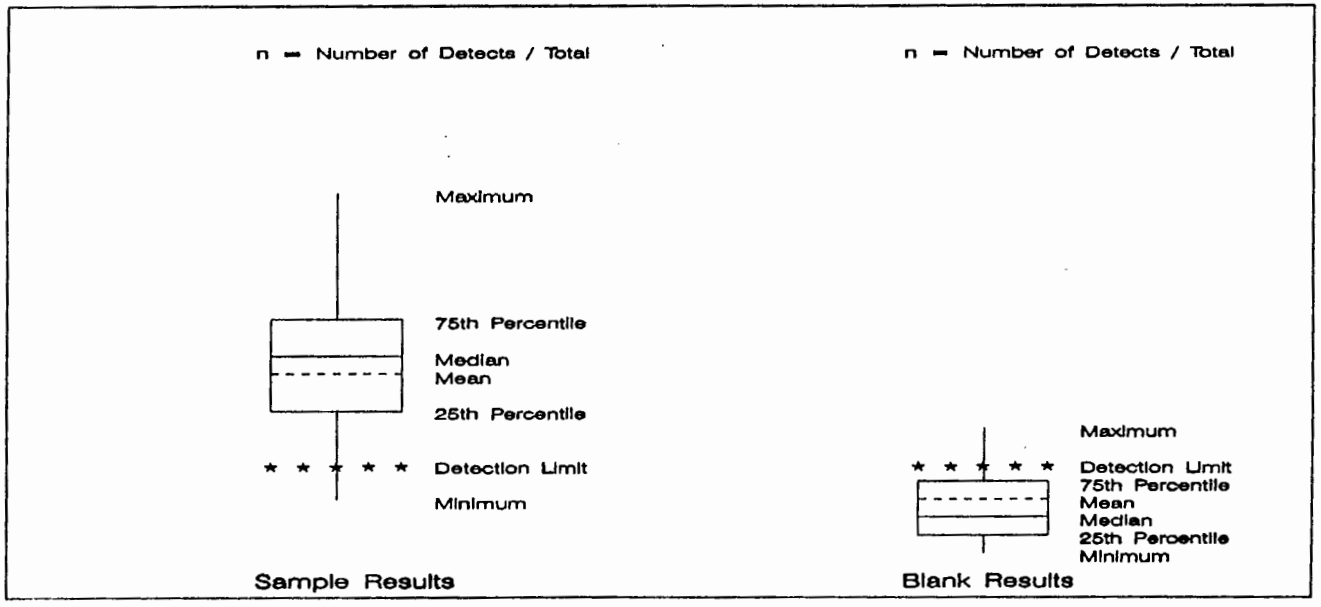


Figure B-2. Example Box Plots

where $\bar{x}$ is the estimated sample mean, K is the tolerance factor, and s is the estimated standard deviation. Normal UTLs were calculated for a coverage of 95% (i.e., the 95th percentile) with 95% confidence. Censored data were reported for some of the organic analytes. For these organics, values reported as ND were estimated by using probability plotting methods for data that were normally distributed (Gilbert, 1987) or random uniform numbers between 0 and the reporting limit for data that were not normally distributed. For blank data sets that were not normally distributed, non-parametric UTLs were calculated. The non-parametric UTL is simply the maximum blank concentration. However, the coverage for non-parametric UTLs is a function of the sample size and was often less than the coverage of 95% used for the normal UTLs. The next section discusses how the blank UTLs were used in the comparison to site data.

B.2.3 Frequencies of Occurrence for Site Data

The third step in the COPC determination process was to compare the site data to the blank data to determine the potential for false-positive measurements because of laboratory or field contamination and to determine if target analytes occur frequently enough to pose a risk to human health or the environment. Frequencies of occurrence were calculated for each analyte, where a positive occurrence was any result greater than the upper tolerance limit for the blanks. According to EPA guidance (U.S. EPA, 1989), analytes may be considered as candidates for elimination from a quantitative risk assessment if they are infrequently detected and there is reason to believe the detection is not due to site operations or disposal practices. For this analysis a detection frequency limit of five percent was used. Analytes with positive occurrences less than five percent were considered separately based on detected results and applicable screening levels. Analytes with a frequency of occurrence greater than or equal to 5% for any site were considered for inclusion as a COPC in the risk assessment. Inorganic analytes were further evaluated by comparing site results to background concentrations, as discussed in the next section.

B.2.4 Comparison of Inorganic Site Concentrations to Naturally Occurring Background Levels

The fourth step in the COPC determination process was to compare site results to background levels for naturally occurring chemicals. Background data was obtained from the Holloman *Base-wide Background Study* (Radian, 1993a).

A statistical "means comparison" was performed between site and background concentrations to determine if there was any evidence of metals contamination on the site. In addition, an "individuals comparison" was performed to further evaluate the data. In Section B.2.4.1 a summarization of the

background data that were used for these comparisons is given and Section B.2.4.2 gives an overview of these two types of tests.

B.2.4.1 Characterization of Background Data

"Background" concentrations for soil and groundwater metals represent metals concentrations that are indigenous to Holloman AFB and not affected by activities occurring at Holloman.

This subsection discusses the background data that were used for each media and the calculation of upper tolerance limits for background.

Results of the Base-wide Background Sampling Investigation (BBSI) conducted at Holloman Air Force Base are given in the Holloman *Base-wide Background Study* (Radian, 1993a). In this report background concentrations were characterized for both total and dissolved groundwater metals and for soils ranging from depths of 0 to 7 feet. Background soils were not divided into surface and subsurface groups because during the background investigation, concentrations were found to be fairly homogenous for different depths.

All of the background data used, with one exception, was obtained from this report. The only exception to this was for lead in soils. Concentrations for background lead in soils reported in the 29 Sites Study were used instead of those reported in the *Base-Wide Background Study* This was because lead was analyzed by EPA method SW7421 in the 29 Sites Study, but by EPA method SW6010 in the *Base-Wide Background Study*. Since EPA method SW7421 for lead was also used for these investigations, comparing site data to the 29 Sites background data provided data sets that would be more comparable in terms of the analytical methods used.

B.2.4.2 Means and Individuals Comparisons of Inorganic Site Concentrations to Background

Two types of statistical analyses were used to compare inorganic results from site areas to background areas. Tests of central tendency (e.g., means comparisons) were used to determine if, on the average, concentrations of metals in the source areas were greater than average background concentrations. The results of the tests of central tendency were used to determine whether or not a particular an inorganic chemical should be included as a COPC. In addition, individual source area results were compared to upper tolerance limits (UTLs). These comparisons were used to determine if individual sample results indicated the presence of hot-spots. The UTL comparisons were used to further evaluate the data.

A discussion of the applicability of tests of individual comparisons and tests of central tendency (e.g., means comparisons) is given in the first subsection below. The second subsection below gives a discussion of the statistical methods used to perform the means and individuals comparisons. Results of these statistical comparisons are provided in Section 4 of this appendix.

Description of Tests of Means and Individuals Comparisons

Two types of statistical comparisons may be used to compare results from different sample populations. Means comparisons may be used to compare the average background concentration to a corresponding average concentration for a site of interest (e.g., downgradient monitoring wells). Additionally, individual results from each of the wells may be compared to calculated UTLs for background concentrations.

Means comparisons [e.g., the Student's t-Test, the Wilcoxon Test, Analysis of Variance (ANOVAs)] are the preferred approach to testing whether or not measurement results indicate a difference between two or more "sample populations" of interest. In this risk assessment, as in other similar studies, the two sample populations are "background" and "site." Since these statistical concepts are more readily understood with examples, the following discussion will use the comparisons for groundwater as an example assessment to which these concepts may be applied. Conceptually, a means comparison tests the measurement results to determine the likelihood that they actually came from a single parent population, rather than from two different populations. (A Student's t-Test is a statistical test that can be performed when comparing <u>two</u> sample populations. An ANOVA is a statistical test that can be performed when comparing <u>multiple</u> sample populations). It is assumed that there is no difference between the two populations (i.e., that downgradient is not different from background) as long as the observed difference between their averages is within the range that could be attributed to chance.

The amount of difference attributable to chance in a means comparison is a function of variability in the sample data and the number of sample results available. The difference attributable to chance reflects the uncertainty in the statistical test and becomes smaller as the sample size increases. It also becomes smaller as the variability among results within each of the two populations decreases. The uncertainty resulting from sample size and variability directly affects what is known as the *power* of the statistical comparison. The power of a statistical comparison is the probability of detecting a given difference at a specified confidence level. As the power increases, it becomes possible to detect smaller and smaller differences between the true population means. Thus, with increased power there is less risk of failing to detect a difference that actually exists. This should not be confused with the confidence level of the test, which is related to the probability

of erroneously concluding that a difference exists between the population means, when in fact the population means are not different. (As the confidence level increases, the probability of incorrectly indicating a difference decreases.)

The comparison of individual results to UTLs of a given population is another way of testing the difference between two sample populations. The UTL used in these comparisons represents an estimate of the upper 95th percentile (i.e., a coverage of 95%) with 95% confidence of the true background concentration of the analyte of interest. For data that are not normally distributed the coverage may be ≤95% (a 95% coverage may not be achievable given the limitation of the statistical methods used for the non-normal case) and the confidence level is 95 percent. Thus, there is a relatively small chance, on the order of 1 in 20, of a sample of uncontaminated groundwater (i.e., groundwater that is no different from background) having a metal concentration greater than the UTL. When individual sample results are compared to UTLs, they are interpreted to indicate the presence of contamination when they exceed the UTLs. On the other hand, samples are considered to be not different from background as long as they do not exceed the UTL.

In most cases, means comparisons offer significant advantages over comparisons using individual results compared to UTLs. However, both types of comparisons are useful and they provide different information about the data and the parent populations. Means comparisons offer greater statistical power than comparisons based on the UTL. Thus, means comparisons can detect smaller differences between two populations and are less likely to fail to detect a difference that actually exists. Used to compare monitoring well results to background data, means comparisons can detect lower levels of contamination and are less likely to fail to detect contamination when it actually exists. Comparisons using individual results compared to UTLs are less sensitive and more likely to fail to detect contamination because of the inherent uncertainty in individual measurements. Much of this uncertainty is attributable to random measurement error, which is effectively "averaged out" in means comparisons where multiple results are considered together as a set.

The strength of means comparisons can also be their weakness. In the same way that random measurement error gets averaged out in the calculation of a sample mean, actual, non-random effects can be diluted and overlooked. For example, four wells might be grouped together based on available hydrogeologic information. Whereas comparing average results for the four wells offers more power, it is important not to overlook cases in which results from one member of the initial group stand out as appreciably different from the others. When this occurs, comparison of this single anomalous result to the UTL offers an approach for

evaluating it separately, and, for example, deciding if the initial well grouping should be reconsidered. Comparisons based on the UTL are also useful when there is only one result available for comparison. However, if a conclusion is drawn that a downgradient well is not different from background based on a single downgradient result, it must be acknowledged that there is a significant risk that there actually is a difference that was not detected simply because of the paucity of downgradient data.

Statistical Methods

As discussed in the previous section, tests of central tendency provide a good indication of whether or not the overall distribution of site concentrations and background concentrations differ significantly. Thus, results from the tests of central tendency were used to determine whether or not an inorganic was a COPC. Results from the individual comparisons were used to provide additional information about the site and to help in evaluating the power of the test. Tests of central tendency and individuals comparisons are performed to answer two different questions, and thus the results of the two tests may differ. For example the means comparison may show that there is no statistically significant difference between the site and background soil concentrations, on the average, while there may be one or two individual results that are greater than the UTL for background. This may indicate that, as a whole, the site is not different from background, but that there may be localized hot spots on the site. In such a case, further subdivisions of the area may be considered.

For the soil and groundwater data, the site and background data sets were evaluated with the Shapiro-Wilk test (Shapiro and Wilk, 1965) to determine if the data sets were normally distributed. Conclusions of the Shapiro-Wilk test were used to determine an appropriate method for comparing potential source area results to background results. An alpha level of 0.05 was used to determine significance for the test of normality. The parametric Student's t-test (Proc t-test, SAS/Stat, 1989) was used to compare central tendencies (i.e., compare means) if results of both site and background data sets were normally distributed. The non-parametric Wilcoxon Rank-sum Test (Proc npar1way, SAS/Stat, 1989) was used to compare central tendencies if results of either site or background data sets were not normally distributed. The latter test compares the central tendency of the distributions of results by comparing the rank mean value for the site to the background rank mean value. This is obtained by first combining the source area and background data sets for an analyte. The complete set of concentrations are then ordered. The rank of a value is its position in the combined data set (lowest = 1, second lowest = 2, etc.). The average rank for the values corresponding to the background data can then be compared to the average rank for the site. If the second is measurably larger than the first according to the non-parametric test, then one would conclude that concentrations tend to be higher

on the site than in the background area. Thus, the comparison can be made of the ranks of the data, and it is not necessary for the background and site results to follow the same distribution (as is the case for parametric procedures). An alpha level of 0.20 was used to determine significance for all tests of central tendency. Individual results from the sites were compared to the UTLs that were calculated using the appropriate parametric or non-parametric method. This approach is drawn from U.S. EPA's RCRA (1992) guidance for statistical analyses in groundwater monitoring and is applicable to the situation described in this appendix.

B.2.5 Calculate Summary Statistics for COPCs

The next step in the data analysis performed for the Table 3 SWMUs was to calculate summary statistics for those analytes determined to be COPCs. As stated previously, for SWMU 231, data was combined from two sources (i.e., Table 1 Phase II and Four Sites investigations). Data was combined from each of these sources before calculating summary statistics for the risk assessment. Measurements for non-detect results were estimated by substituting uniform random numbers between 0 and the smaller of the minimum result and the RL for each SWMU and for each matrix, analytical method, and analyte. Average site concentrations and the 95% upper confidence limit for the average were calculated for COPCs for each SWMU. These summary statistics were used by the risk assessors to perform further screening of the COPCs as well as conduct risk assessments.

B.3 Results

This section presents the results of the data analyses performed to determine COPCs for the risk-based screen and the risk assessment. Results are presented for each of the following steps in the COPC determination process:

- Review blank data and determine upper tolerance limits for blanks separately for the Table 3, Table 1 Phase II, and Four Sites sampling data;
- Compare site results to blank data for each data source, and calculate a combined frequency of occurrence for site chemicals for all of the data;
- Perform comparisons between site and background concentrations for naturally occurring chemicals (i.e., inorganic chemicals) for all of the data.

Additionally, the summary statistics calculated for contaminants of potential concern are presented.

B.3.1 Review of Blank Data

Box plots showing the blank data for each analyte are given in the QA reports (Radian, 1995a and Radian, 1995b). All blank data reported were used to estimate UTLs to represent the upper limit of measurements expected for the blank population. These QA reports also contain a discussion of the validity of the blank results and associated site results.

B.3.2 Frequencies of Occurrence for Site Data

For each O/WS SWMU, the UTL for blanks for every analyte was calculated for soil. For SWMU 231, the UTL for blanks for every analyte was calculated for each matrix and for each source investigation. The frequency of occurrence was then calculated from a combined data set where appropriate. These results are given in Attachments B.1 and B.2. Table B.1-1 in Attachment B.1 gives the results for the O/WS SWMUs for soils and Table B.2-1 in Attachment B.2 gives the results for the SWMU 231 for surface soils, subsurface soils, and groundwater. In addition to the blank UTLs and the calculated frequencies of occurrence, these tables show the number of samples collected from each SWMU group and the range of site results (minimum and maximum). The tables also show whether or not the chemical was included as a COPC and a footnote describing the reason a chemical was or was not listed as a COPC.

B.3.3 Comparison of Inorganic Site Concentrations to Naturally Occurring Background Levels

As discussed in Section B.2.4, the fourth step in the COPC determination process performed for this investigation was to compare concentrations of naturally occurring chemicals to background concentrations to determine if there is any evidence of metals contamination on the site. Section B.3.3.1 below, discusses tables of the background data that were used for these comparisons and Section B.3.3.2 gives the results of these comparisons.

B.3.3.1 Characterization of Background Data

Tables B-3 and B-4 give summary statistics (e.g., minimum, maximum, mean) for the groundwater and soils background data, respectively, for each metal. In addition to summary statistics, these tables show the number of samples collected and give information on the UTLs that were calculated for background. [The UTLs for background should not be confused with the UTLs for blanks. Although both sets of UTLs were calculated using the same methods, they represent different things. The <u>blank</u> UTL was used to determine frequencies of occurrence for site concentrations. The <u>background</u> UTL was used for the

site-to-background comparisons of metals concentrations.] The type of UTL calculated (normal or non-parametric), and the coverage for the UTL is also given in the tables.

Tables B-3 and B-4 only present those metals for used for the comparisons with the site data in this report. A complete list of summary statistics for all of the background metals can be found in the Holloman *Base-wide Background Study* (Radian, 1993a).

B.3.3.2 Means and Individuals Comparisons of Inorganic Site Concentrations to Background

Tables with the results of the means and individuals comparisons for groundwater and soils are given in Attachment B.1. Table B.1-2 in Attachment B.1 gives the results for the O/WS SWMUs for soils and Table B.2-2 in Attachment B.2 gives the results for SWMU 231 for surface soils, subsurface soils, and groundwater. These tables show the p-values for the tests of central tendency, the conclusion (S = statistically significant at the 0.20 level, NS = not statistically significant at the 0.20 level), the power of the test, and the type of statistical test performed (i.e., Student's t-Test or Wilcoxon test). The power of the test represents the probability of detecting a difference of 40% between the background mean and the site mean at the 80% confidence level. They also show the background UTLs and the number of site results exceeding the UTLs. The last two columns of these tables indicate whether or not it was listed as a COPC and a reason for this conclusion.

B.3.4 Calculate Summary Statistics for COPCs

The next step in the data analysis was to calculate summary statistics for those analytes determined to be COPCs. Organic analytes that had a frequency of occurrence that was greater than 5% for a given SWMU group were initially identified as COPCs. Inorganic analytes that had a frequency of occurrence greater than 5% <u>and</u> had average concentrations that were significantly greater than background were also initially identified as COPCs.

The following summary statistics were calculated for all analytes that were determined to be COPCs: minimum, maximum, mean, and 95% upper confidence limit for the mean. For censored data, proxy concentrations were estimated for values reported as ND by substituting a random uniform number between zero and the minimum result.

Table B.1-3 in Attachment B.1 gives summary statistics for COPCs for the O/WS SWMUs and Table B.2-3 in Attachment B.2 gives the summary statistics for SWMU 231.

Table B-3
Summary Statistics for Background Groundwater[a]

Analyte	Analytical Method	Summary Statistics (mg/L)[b]							Upper Tolerance Limit[b]		
		N	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL for Mean	Tolerance Type	Coverage (%)	Upper Tolerance Limit (mg/L)
Arsenic	SW7060	14	-0.077	0.04	-0.006	-0.005	0.0297	0.0086	Normal	95.0	0.0723
Barium	SW6010	14	0.029	0.48	0.11	0.1461	0.1298	0.2075	NP	80.7	0.48
Chromium	SW6010	14	0.0039	0.096	0.016	0.0267	0.0275	0.0397	NP	80.7	0.096
Cobalt	SW6010	74	-0.008	0.02	0.0011	0.0014	0.005	0.0023	NP	96.0	0.02
Copper	SW6010	14	0.004	0.03	0.0105	0.0145	0.0092	0.0188	Normal	95.0	0.0386
Lead	SW7421	13	-0.01	0.012	0	0.0012	0.007	0.0047	Normal	95.0	0.0199
Mercury	SW7470	50	-0.00013	0.00005	-0.00006	-0.00006	0.00004	-0.000046	Normal	95.0	0.00003
Nickel	SW6010	14	-0.008	0.04	0.0062	0.0094	0.0131	0.0156	Normal	95.0	0.0436
Selenium	SW7740	12	-0.029	0.06	0.0076	0.0089	0.0257	0.0222	Normal	95.0	0.0793
Silver	SW6010	67	-0.008	0.01	0.0002	0.0003	0.0035	0.001	Normal	95.0	0.0073
Thallium	SW6010	75	-0.101	0.1177	0.0073	0.0105	0.0425	0.0187	Normal	95.0	0.0943
Thallium	SW7841	13	-0.002	0.0036	0.0008	0.0008	0.0016	0.0016	Normal	95.0	0.005
Vanadium	SW6010	14	0.027	0.2	0.0565	0.0899	0.0607	0.1186	NP	80.7	0.2
Zinc	SW6010	14	0.012	0.16	0.031	0.0468	0.0404	0.0659	NP	80.7	0.16

UCL = One-sided 95% upper confidence limit for the mean.
NP = Non-parametric upper tolerance limit.

[a]*Base-Wide Background Study - Sewage Lagoons and Lakes Investigation* (Radian, 1993).
[b]Uncensored data used to calculate summary statistics and upper tolerance limits.

Table B-4
Summary Statistics for Background Soils[a]

Analyte	Analytical Method	Summary Statistics[b] (mg/kg)							Upper Tolerance Limit[b]		
		N	Minimum	Maximum	Median	Mean	Standard Deviation	95% UCL for Mean	Tolerance Type	Coverage (%)	Upper Tolerance Limit (mg/kg)
Aluminum	SW6010	9	260	6200	2800	3107	1867	4264	Normal	95.0	8764
Antimony	SW7041	9	-0.049	0.140	0.064	0.067	0.061	0.105	Normal	95.0	0.253
Arsenic	SW6010	60	-9.212	8.238	0.152	0.116	3.355	0.840	Normal	95.0	6.883
Barium	SW6010	9	14.000	65.000	30.000	35.778	16.029	45.714	Normal	95.0	84.363
Beryllium	SW6010	9	-0.041	0.400	0.110	0.132	0.115	0.204	NP	71.7	0.400
Cadmium	SW6010	58	-0.376	0.560	0.004	0.015	0.197	0.058	NP	95.0	0.560
Calcium	SW6010	9	160000	250000	230000	223333	25495	239136	NP	71.7	250000
Chromium	SW6010	9	0.360	4.800	2.200	2.340	1.407	3.212	Normal	95.0	6.605
Cobalt	SW6010	9	0.260	1.700	0.760	0.916	0.518	1.237	Normal	95.0	2.485
Copper	SW6010	9	1.800	3.800	3.100	2.922	0.634	3.315	Normal	95.0	4.844
Iron	SW6010	9	180	4500	2000	2276	1348	3111	Normal	95.0	6362
Lead	SW7421	7	1.100	8.000	2.100	2.686	2.402	4.450	NP	65.2	8.000
Magnesium	SW6010	9	1700	12000	4500	5411	3050	7302	Normal	95.0	14656
Manganese	SW6010	9	7.500	120	37.000	46.167	33.238	66.769	Normal	95.0	146.910
Mercury	SW7471	37	-0.064	-0.008	-0.025	-0.027	0.012	-0.024	Normal	95.0	-0.001
Nickel	SW6010	9	1.200	4.700	2.400	2.389	1.064	3.048	Normal	95.0	5.612
Potassium	SW6010	9	91.000	1800	800	917.889	522.434	1242	Normal	95.0	2501
Selenium	SW6010	62	-12.000	12.910	-0.965	-0.461	5.468	0.699	Normal	95.0	10.531
Silver	SW6010	59	-1.513	1.156	-0.180	-0.201	0.463	-0.100	Normal	95.0	0.734
Sodium	SW6010	9	590	5000	900	1550	1565	2520	NP	71.7	5000
Thallium	SW6010	61	-9.923	12.330	0.744	0.904	5.171	2.010	Normal	95.0	11.315
Thallium	SW7841	13	-0.062	0.160	-0.010	0.000	0.058	0.029	NP	79.4	0.160
Vanadium	SW6010	9	1.300	11.000	6.700	6.633	2.912	8.438	Normal	95.0	15.460
Zinc	SW6010	9	0.320	15.000	5.600	6.724	4.461	9.490	Normal	95.0	20.246

UCL = One-sided 95% upper conidence limit for the mean.
NP = Non-parametric upper tolerance limit.

[a] *Base-Wide Background Study - Sewage Lagoons and Lakes Investigation* (Radian, 1993).
[b] Uncensored data used to calculatsummary statistics and upper tolerance limits.

B.3.5 Raw Data

Raw data tables for the O/WS SWMUs and SWMU 231 are provided in Attachments B.3 and B.4, respectively. These tables provide the data source, the lab sample id, the analytical method, the estimated concentration (measured value or proxy value if ND), and the reporting limit for that measurement.

B.4 Correlation of Field and Fixed Laboratory TRPH Analyses

A correlation analysis was performed to evaluate the TRPH soil results obtained by EPA Methods E418.1 and E418.1M. Method E418.1M is equivalent to Method E418.1, and varies only in the preparation and extraction procedures. Samples were analyzed in the field for release and extent determination by E418.1M. This correlation analysis was performed to determine how well 418.1M results approximate 418.1 results. Validation and usability of the TRPH data is addressed in the *Sampling and Quality Control Summary Report* (Radian, 1995a). The correlation analysis was performed for all SWMUs combined. This analysis showed the methods are highly correlated.

B.4.1 TRPH Correlation Methodology

The simple correlation coefficient, r, was used to measure the linear correlation between TRPH concentrations obtained by E418.1 and E418.1M. The correlation coefficient, r, is bounded, such that:

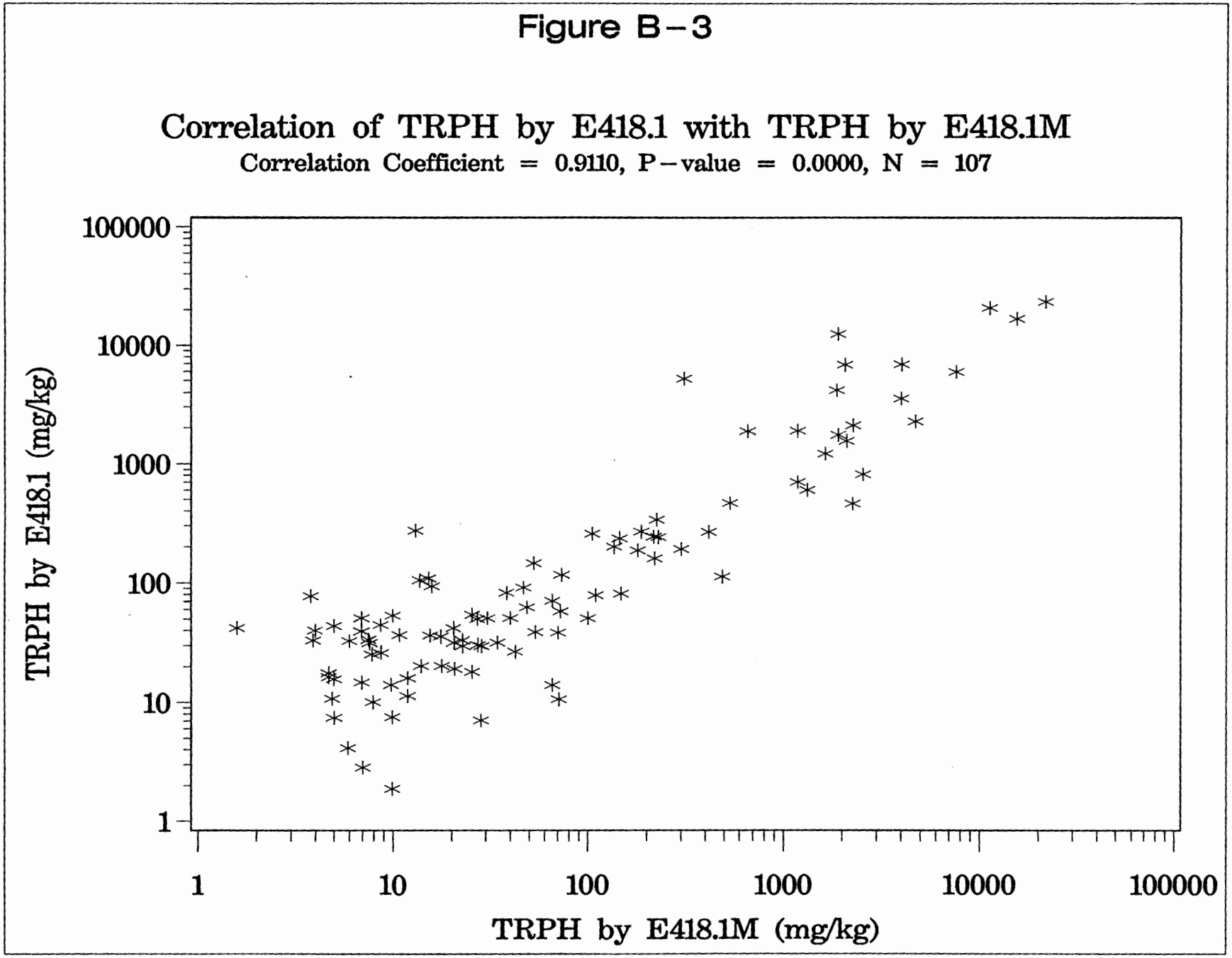
$$-1 \leq r \leq 1$$

For values of r near +1, as one variable increases (i.e, TPRH by E418.1M) the other variable increases (i.e., TRPH by E418.1). For data that show a random scatter pattern and no correlation, the value of r will be near zero. A statistical hypothesis test can be performed to determine whether or not the correlation coefficient is significantly different from zero.

B.4.2 TRPH Correlation Results

A statistical hypothesis test was performed for the correlation of TRPH results by E418.1 to E418.1M to determine whether the correlation was significantly different from zero ($\alpha = 0.05$). The result of this correlation analysis show that methods E418.1M and E418.1 are highly correlated overall (r=0.9110). Figure B-3 shows a plot of the E418.1 measurements versus the E418.1M measurements. A p-value less than 0.05 indicates that there is at least 95% confidence that r is statistically different from zero and that the assumption of "no correlation" is false. The p-value obtained for methods E418.1 versus E418.1M was statistically significant at the 0.05 significance level (p-value = 0.0000).

Figure B-3


Correlation of TRPH by E418.1 with TRPH by E418.1M
Correlation Coefficient = 0.9110, P-value = 0.0000, N = 107
TRPH by E418.1 (mg/kg)
100000
10000
1000
100
10
1
1
10
100
1000
10000
100000
TRPH by E418.1M (mg/kg)

B.5 References

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Attachment B.1

Summary Tables for COPCs for O/WS SWMUs

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	11	-3.090	1.660	45.5	0.063	No	c
SW7060	Arsenic	mg/kg	11	-1.000	1.570	90.9	0.008	Yes	b
SW6010	Barium	mg/kg	11	2.160	33.300	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	11	0.010	0.359	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	11	0.003	0.233	90.9	0.005	Yes	b
SW6010	Chromium	mg/kg	11	0.431	7.470	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	11	0.032	2.450	100.0	0.011	No	c
SW6010	Copper	mg/kg	11	0.030	5.360	100.0	0.016	No	c
SW7421	Lead	mg/kg	11	0.056	18.000	100.0	0.038	No	c
SW7471	Mercury	mg/kg	11	0.000	2.370	90.9	0.000	Yes	b
SW7740	Selenium	mg/kg	11	-0.423	0.622	72.7	0.007	No	c
SW6010	Silver	mg/kg	11	-0.034	0.463	90.9	0.020	Yes	b
SW7841	Thallium	mg/kg	11	-0.193	0.677	90.9	0.005	Yes	b
SW6010	Vanadium	mg/kg	11	1.270	8.760	100.0	0.015	No	c
SW6010	Zinc	mg/kg	11	1.120	39.300	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=1 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	11	ND	0.694	9.1	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	11	ND	0.434	9.1	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	11	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	11	ND	2.930	90.9	0.023	Yes	d
SW8270	Anthracene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	11	ND	0.003	18.2	NC	Yes	d
SW8270	Benzoic acid	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	11	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	11	ND	0.844	27.3	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	11	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=1 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	11	ND	0.215	9.1	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	11	ND	0.052	9.1	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	11	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	11	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	11	ND	7.580	18.2	NC	Yes	d
SW8270	Fluoranthene	mg/kg	11	ND	0.082	9.1	NC	Yes	d
SW8270	Fluorene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	11	0.010	4.160	27.3	0.023	Yes	d
SW8270	Naphthalene	mg/kg	11	ND	0.259	18.2	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	11	ND	0.140	27.3	NC	Yes	d
SW8270	Phenol	mg/kg	11	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	11	ND	0.779	45.5	NC	Yes	d
SW8260	Styrene	mg/kg	11	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	16	-19.700	6900.000	62.5	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	11	ND	8.120	90.9	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	11	ND	31.600	27.3	NC	Yes	d
SW8260	Trichloroethene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	11	ND	0.007	9.1	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	11	ND	0.088	9.1	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	11	ND	0.216	27.3	0.046	Yes	d
SW8270	benzo(b)fluoranthene	mg/kg	11	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	11	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	11	ND	0.255	36.4	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	11	0.051	0.386	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	11	ND	0.201	9.1	NC	Yes	d
SW8270	n-Nitroso-di-n-propylamine	mg/kg	11	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	11	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	11	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	10	-3.380	2.010	50.0	0.063	No	c
SW7060	Arsenic	mg/kg	10	0.783	2.940	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	10	11.300	470.000	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	10	0.024	1.200	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	10	0.022	5.980	100.0	0.005	Yes	b
SW6010	Chromium	mg/kg	10	0.637	59.500	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	10	0.221	13.500	100.0	0.011	No	c
SW6010	Copper	mg/kg	10	0.579	42.300	100.0	0.016	No	c
SW7421	Lead	mg/kg	10	-1.620	27.000	80.0	0.038	Yes	b
SW7471	Mercury	mg/kg	10	0.000	0.019	60.0	0.000	Yes	b
SW7740	Selenium	mg/kg	10	-0.723	0.176	20.0	0.007	No	c
SW6010	Silver	mg/kg	10	-0.337	0.481	80.0	0.020	Yes	b
SW7841	Thallium	mg/kg	10	-0.587	0.402	50.0	0.005	No	c
SW6010	Vanadium	mg/kg	10	2.720	69.800	100.0	0.015	No	c
SW6010	Zinc	mg/kg	10	1.490	289.000	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=11 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	10	ND	0.018	10.0	NC	Yes	d
SW8260	1,1-Dichloroethene	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8270	1,2,4-Trichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	10	ND	0.208	20.0	NC	Yes	d
SW8260	1,2-Dichloroethane	mg/kg	10	ND	0.004	30.0	NC	Yes	d
SW8260	1,2-Dichloropropane	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8270	1,3-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	10	ND	0.076	20.0	NC	Yes	d
SW8270	2,4,5-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	10	ND	0.978	30.0	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	10	ND	0.005	10.0	NC	Yes	d
SW8270	2-Chloronaphthalene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	10	ND	0.798	10.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	10	ND	0.242	10.0	NC	Yes	d
SW8270	4-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	10	ND	1.950	20.0	NC	Yes	d
SW8270	Acenaphthylene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	10	0.025	0.886	100.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	10	ND	2.620	10.0	NC	Yes	d
SW8260	Benzene	mg/kg	10	ND	0.034	30.0	NC	Yes	d
SW8270	Benzoic acid	mg/kg	10	ND	4.820	10.0	NC	Yes	d
SW8270	Benzyl alcohol	mg/kg	10	ND	0.484	10.0	NC	Yes	d
SW8260	Bromodichloromethane	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8260	Bromoform	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	10	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	10	ND	0.106	30.0	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	10	ND	0.056	30.0	NC	Yes	d
SW8260	Chloroethane	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=11 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	10	ND	3.110	10.0	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	10	ND	1.400	20.0	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	10	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	10	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	10	ND	85.400	40.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	10	ND	9.880	40.0	NC	Yes	d
SW8270	Fluorene	mg/kg	10	ND	2.140	20.0	NC	Yes	d
SW8270	Hexachlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	10	0.010	0.029	40.0	0.023	Yes	d
SW8270	Naphthalene	mg/kg	10	ND	1.610	30.0	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	10	ND	8.940	30.0	NC	Yes	d
SW8270	Phenol	mg/kg	10	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	10	ND	7.460	50.0	NC	Yes	d
SW8260	Styrene	mg/kg	10	ND	0.002	10.0	NC	Yes	d
E418.1	TRPH	mg/kg	10	17.600	1750.000	80.0	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	10	ND	0.004	20.0	NC	Yes	d
SW8260	Toluene	mg/kg	10	ND	0.756	80.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=11 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	10	ND	202.000	60.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	10	ND	5.880	30.0	NC	Yes	d
SW8260	Trichlorofluoromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	10	ND	0.908	20.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	10	ND	0.003	10.0	NC	Yes	d
SW8270	benzo(a)anthracene	mg/kg	10	ND	3.740	20.0	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	10	ND	1.900	10.0	0.046	Yes	d
SW8270	benzo(b)fluoranthene	mg/kg	10	ND	1.580	10.0	0.066	Yes	d
SW8270	benzo(g,h,i)perylene	mg/kg	10	ND	0.384	10.0	NC	Yes	d
SW8270	benzo(k)fluoranthene	mg/kg	10	ND	0.457	10.0	0.076	Yes	d
SW8270	bis(2-Chloroethoxy)methane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	10	ND	0.524	10.0	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	10	ND	0.015	30.0	NC	Yes	d
SW8260	cis-1,3-Dichloropropene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	10	0.059	0.581	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	10	ND	0.058	10.0	NC	Yes	d
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	10	ND	1.960	10.0	NC	Yes	d
SW8270	n-Nitroso-di-n-propylamine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	10	ND	0.003	30.0	NC	Yes	d
SW8260	trans-1,3-Dichloropropene	mg/kg	10	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	10	-1.550	4.000	20.0	0.063	No	c
SW7060	Arsenic	mg/kg	10	0.312	1.200	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	10	0.834	51.000	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	10	0.004	0.189	80.0	0.007	No	c
SW6010	Cadmium	mg/kg	10	0.010	0.670	100.0	0.005	Yes	b
SW6010	Chromium	mg/kg	10	0.624	12.600	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	10	0.019	1.690	100.0	0.011	No	c
SW6010	Copper	mg/kg	10	-0.007	6.280	80.0	0.016	No	c
SW7421	Lead	mg/kg	10	-0.792	10.800	80.0	0.038	No	c
SW7471	Mercury	mg/kg	10	0.000	0.950	60.0	0.000	Yes	b
SW7740	Selenium	mg/kg	10	-0.400	0.400	60.0	0.007	No	c
SW6010	Silver	mg/kg	10	-0.322	0.926	50.0	0.020	Yes	b
SW7841	Thallium	mg/kg	10	-0.257	0.272	50.0	0.005	No	c
SW6010	Vanadium	mg/kg	10	0.735	10.500	100.0	0.015	No	c
SW6010	Zinc	mg/kg	10	0.416	18.200	100.0	0.026	No	c

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	10	ND	0.223	30.0	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	10	ND	2.500	10.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	10	ND	0.381	80.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	10	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	10	ND	0.051	30.0	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=12 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8260	Chloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	10	ND	0.297	10.0	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	10	ND	0.057	10.0	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	10	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	10	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Fluoranthene	mg/kg	10	ND	0.292	20.0	NC	Yes	d
SW8270	Fluorene	mg/kg	10	ND	0.071	10.0	NC	Yes	d
SW8270	Hexachlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	10	ND	0.031	20.0	0.023	Yes	d
SW8270	Naphthalene	mg/kg	10	ND	4.990	10.0	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	10	ND	0.132	10.0	NC	Yes	d
SW8270	Phenol	mg/kg	10	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	10	ND	0.292	10.0	NC	Yes	d
SW8260	Styrene	mg/kg	10	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	11	7.490	5160.000	54.5	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8260	Toluene	mg/kg	10	ND	0.009	70.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	10	ND	0.106	30.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	10	ND	0.152	10.0	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	10	ND	0.152	10.0	0.046	Yes	d
SW8270	benzo(b)fluoranthene	mg/kg	10	ND	0.215	10.0	0.066	Yes	d
SW8270	benzo(g,h,i)perylene	mg/kg	10	ND	0.127	10.0	NC	Yes	d
SW8270	benzo(k)fluoranthene	mg/kg	10	ND	0.082	10.0	0.076	Yes	d
SW8270	bis(2-Chloroethoxy)methane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	10	ND	0.002	10.0	NC	Yes	d
SW8270	di-n-Butylphthalate	mg/kg	10	ND	0.220	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	10	ND	0.177	10.0	NC	Yes	d
SW8270	n-Nitroso-di-n-propylamine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	10	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	8	-3.260	0.650	25.0	0.063	No	c
SW7060	Arsenic	mg/kg	8	0.579	2.690	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	8	7.210	25.400	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	8	0.015	0.340	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	8	0.008	0.561	100.0	0.005	Yes	b
SW6010	Chromium	mg/kg	8	0.928	22.900	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	8	0.271	2.500	100.0	0.011	No	c
SW6010	Copper	mg/kg	8	0.433	2.470	100.0	0.016	No	c
SW7421	Lead	mg/kg	8	0.578	5.540	100.0	0.038	No	c
SW7471	Mercury	mg/kg	8	0.000	0.012	37.5	0.000	Yes	b
SW7740	Selenium	mg/kg	8	-0.798	0.551	37.5	0.007	No	c
SW6010	Silver	mg/kg	8	-0.144	0.368	75.0	0.020	Yes	b
SW7841	Thallium	mg/kg	8	-0.441	0.297	37.5	0.005	No	c
SW6010	Vanadium	mg/kg	8	3.410	13.600	100.0	0.015	No	c
SW6010	Zinc	mg/kg	8	1.310	28.900	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	8	ND	0.003	12.5	NC	Yes	d
SW8260	1,2-Dichloropropane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	8	ND	0.025	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	8	ND	3.500	87.5	0.023	Yes	d
SW8270	Anthracene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	8	ND	0.028	12.5	NC	Yes	d
SW8270	Benzoic acid	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	8	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	8	ND	0.081	25.0	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	8	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=14 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	8	ND	0.041	12.5	NC	Yes	d
SW8260	Chloromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	8	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	8	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	8	ND	0.193	25.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	8	ND	0.091	12.5	NC	Yes	d
SW8270	Fluorene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	8	0.007	0.024	12.5	0.023	Yes	d
SW8270	Naphthalene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	8	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	8	ND	0.111	12.5	NC	Yes	d
SW8260	Styrene	mg/kg	8	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	10	7.030	405.000	70.0	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	8	ND	0.388	12.5	NC	Yes	d
SW8260	Toluene	mg/kg	8	ND	0.006	75.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=14 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	8	ND	0.049	25.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	8	ND	0.367	25.0	NC	Yes	d
SW8260	Trichlorofluoromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	8	ND	0.048	25.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	8	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	8	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	8	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	8	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	8	0.036	0.413	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	8	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	6	-2.110	0.870	16.7	0.063	No	c
SW7060	Arsenic	mg/kg	6	0.608	1.000	100.0	0.008	No	c
SW6010	Barium	mg/kg	6	8.920	26.600	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	6	0.032	0.103	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	6	-0.079	0.150	50.0	0.005	No	c
SW6010	Chromium	mg/kg	6	1.220	3.140	100.0	0.008	No	c
SW6010	Cobalt	mg/kg	6	0.074	1.660	100.0	0.011	No	c
SW6010	Copper	mg/kg	6	0.213	2.250	100.0	0.016	No	c
SW7421	Lead	mg/kg	6	0.944	1.610	100.0	0.038	No	c
SW7471	Mercury	mg/kg	6	0.000	0.012	16.7	0.000	Yes	b
SW7740	Selenium	mg/kg	6	-0.152	0.321	66.7	0.007	No	c
SW6010	Silver	mg/kg	6	-0.093	1.530	66.7	0.020	Yes	b
SW7841	Thallium	mg/kg	6	-0.026	0.152	50.0	0.005	Yes	b
SW6010	Vanadium	mg/kg	6	2.260	7.080	100.0	0.015	No	c
SW6010	Zinc	mg/kg	6	3.010	8.740	100.0	0.026	No	c

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	6	ND	0.002	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	6	ND	0.231	83.3	0.023	Yes	d
SW8270	Anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	6	ND	0.123	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	6	ND	0.005	16.7	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=16 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	6	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	6	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	6	ND	0.003	16.7	NC	Yes	d
SW8270	Fluoranthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	6	0.016	0.034	66.7	0.023	Yes	d
SW8270	Naphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	6	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Styrene	mg/kg	6	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	7	9.750	267.000	57.1	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	6	ND	0.009	33.3	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	6	ND	0.008	33.3	NC	Yes	d
SW8260	Trichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Vinyl chloride	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	6	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	6	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	6	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	6	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	6	0.131	7.460	66.7	2.350	Yes	d
SW8270	di-n-Octylphthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=19 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	2	109.000	160.000	100.0	36.886	Yes	d

N = 1

RISKTYPE=Qualitative SWMU=20 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	49.800	49.800	100.0	36.886	Yes	d

N = 1

RISKTYPE=Qualitative SWMU=23 METHOD=Inorganics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	8	-2.870	1.210	37.5	0.063	No	c

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7060	Arsenic	mg/kg	8	-0.122	2.030	75.0	0.008	Yes	b
SW6010	Barium	mg/kg	8	6.340	38.900	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	8	0.035	0.115	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	8	-0.005	0.496	75.0	0.005	Yes	b
SW6010	Chromium	mg/kg	8	2.090	5.370	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	8	0.208	1.800	100.0	0.011	No	c
SW6010	Copper	mg/kg	8	0.319	2.910	100.0	0.016	No	c
SW7421	Lead	mg/kg	8	0.740	4.620	100.0	0.038	No	c
SW7471	Mercury	mg/kg	8	0.000	0.012	25.0	0.000	Yes	b
SW7740	Selenium	mg/kg	8	-0.637	0.496	25.0	0.007	No	c
SW6010	Silver	mg/kg	8	-0.103	1.630	75.0	0.020	Yes	b
SW7841	Thallium	mg/kg	8	-0.400	0.390	62.5	0.005	No	c
SW6010	Vanadium	mg/kg	8	3.970	9.070	100.0	0.015	No	c
SW6010	Zinc	mg/kg	8	4.280	13.100	100.0	0.026	No	c

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	8	ND	0.219	12.5	NC	Yes	d
SW8260	1,2-Dichloroethane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	8	ND	0.168	12.5	NC	Yes	d
SW8270	1,4-Dichlorobenzene	mg/kg	8	ND	0.177	12.5	NC	Yes	d
SW8270	2,4,5-Trichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	8	ND	13.400	25.0	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	8	ND	9.940	25.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	8	ND	1.620	12.5	NC	Yes	d
SW8270	2-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	8	ND	0.064	12.5	NC	Yes	d
SW8270	4-Chloroaniline	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	8	ND	3.010	25.0	NC	Yes	d
SW8270	4-Nitroaniline	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	8	ND	0.094	12.5	NC	Yes	d
SW8260	Acetone	mg/kg	8	0.010	8.640	87.5	0.023	Yes	d
SW8270	Anthracene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	8	ND	1.020	50.0	NC	Yes	d
SW8270	Benzoic acid	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	8	ND	0.219	12.5	0.208	Yes	d
SW8260	Carbon disulfide	mg/kg	8	ND	4.200	50.0	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	8	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	8	ND	0.118	12.5	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	8	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	8	ND	0.164	25.0	0.001	Yes	d
SW8260	Ethyl benzene	mg/kg	8	ND	5.480	37.5	NC	Yes	d
SW8270	Fluoranthene	mg/kg	8	ND	0.071	12.5	NC	Yes	d
SW8270	Fluorene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	8	0.009	4.650	25.0	0.023	Yes	d
SW8270	Naphthalene	mg/kg	8	ND	5.580	25.0	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	8	ND	0.288	25.0	NC	Yes	d
SW8270	Phenol	mg/kg	8	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	8	ND	0.429	25.0	NC	Yes	d
SW8260	Styrene	mg/kg	8	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	9	4.130	23300.000	55.6	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	8	ND	12.300	87.5	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	8	ND	13.900	37.5	NC	Yes	d
SW8260	Trichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	8	ND	0.020	37.5	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	8	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	8	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	8	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	8	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	8	ND	24.200	25.0	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	8	0.208	7.420	37.5	2.350	Yes	d
SW8270	di-n-Octylphthalate	mg/kg	8	ND	0.159	12.5	NC	Yes	d
SW8270	dibenz(a,h)anthracene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	8	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	8	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	8	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=24 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	42.000	42.000	100.0	36.886	Yes	d

N = 1

RISKTYPE=Qualitative SWMU=25 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	33.000	33.000	0.0	36.886	No	e

N = 1

RISKTYPE=Qualitative SWMU=27 METHOD=Inorganics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	14	-1.910	0.403	28.6	0.063	No	c

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7060	Arsenic	mg/kg	14	0.385	1.940	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	14	3.320	49.600	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	14	0.015	0.364	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	14	-0.025	0.510	85.7	0.005	Yes	b
SW6010	Chromium	mg/kg	14	0.968	6.860	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	14	0.087	2.270	100.0	0.011	No	c
SW6010	Copper	mg/kg	14	0.067	5.880	100.0	0.016	No	c
SW7421	Lead	mg/kg	14	0.392	6.810	100.0	0.038	No	c
SW7471	Mercury	mg/kg	14	0.000	0.020	64.3	0.000	Yes	b
SW7740	Selenium	mg/kg	14	-0.519	1.100	78.6	0.007	Yes	b
SW6010	Silver	mg/kg	14	-0.059	0.413	78.6	0.020	Yes	b
SW7841	Thallium	mg/kg	14	-0.084	0.373	71.4	0.005	Yes	b
SW6010	Vanadium	mg/kg	14	1.550	11.300	100.0	0.015	No	c
SW6010	Zinc	mg/kg	14	1.270	23.300	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=27 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	14	ND	0.002	7.1	NC	Yes	d
SW8270	1,2,4-Trichlorobenzene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	14	ND	0.160	7.1	NC	Yes	d
SW8270	2,6-Dinitrotoluene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	14	ND	18.900	28.6	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	14	ND	1.020	21.4	NC	Yes	d
SW8270	2-Chloronaphthalene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	14	ND	0.009	7.1	NC	Yes	d
SW8270	2-Methylnaphthalene	mg/kg	14	ND	22.500	28.6	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	14	ND	4.620	14.3	NC	Yes	d
SW8270	2-Nitroaniline	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	14	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=27 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	14	ND	0.063	7.1	NC	Yes	d
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	14	ND	0.102	7.1	NC	Yes	d
SW8270	4-Nitroaniline	mg/kg	14	ND	0.046	7.1	NC	Yes	d
SW8270	4-Nitrophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	14	0.025	16.600	100.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	14	ND	7.030	92.9	NC	Yes	d
SW8270	Benzoic acid	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	14	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	14	ND	0.618	35.7	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	14	ND	0.002	7.1	NC	Yes	d
SW8260	Chloroethane	mg/kg	14	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=27 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	14	ND	0.287	21.4	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	14	ND	0.998	21.4	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	14	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	14	ND	0.354	21.4	0.001	Yes	d
SW8260	Ethyl benzene	mg/kg	14	ND	151.000	78.6	NC	Yes	d
SW8270	Fluoranthene	mg/kg	14	ND	0.223	21.4	NC	Yes	d
SW8270	Fluorene	mg/kg	14	ND	0.465	28.6	NC	Yes	d
SW8270	Hexachlorobenzene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	14	ND	16.400	28.6	0.023	Yes	d
SW8270	Naphthalene	mg/kg	14	ND	11.200	42.9	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	14	ND	0.486	28.6	NC	Yes	d
SW8270	Phenol	mg/kg	14	ND	0.017	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	14	ND	0.195	21.4	NC	Yes	d
SW8260	Styrene	mg/kg	14	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	17	10.700	6430.000	82.4	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	14	ND	109.000	92.9	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	14	ND	293.000	92.9	NC	Yes	d
SW8260	Trichloroethene	mg/kg	14	ND	0.002	7.1	NC	Yes	d
SW8260	Trichlorofluoromethane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	14	ND	0.164	28.6	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	14	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	14	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	14	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	14	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	14	ND	0.648	35.7	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	14	ND	0.002	7.1	NC	Yes	d
SW8260	cis-1,3-Dichloropropene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	14	ND	0.486	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	14	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	14	ND	0.114	14.3	NC	Yes	d
SW8260	trans-1,2-Dichloroethene	mg/kg	14	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	14	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	10	-0.832	1.400	70.0	0.063	No	c
SW7060	Arsenic	mg/kg	10	0.723	3.720	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	10	10.100	56.100	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	10	0.019	0.659	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	10	-0.039	0.363	80.0	0.005	Yes	b
SW6010	Chromium	mg/kg	10	0.907	14.800	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	10	0.703	4.670	100.0	0.011	Yes	b
SW6010	Copper	mg/kg	10	1.110	10.800	100.0	0.016	No	c
SW7421	Lead	mg/kg	10	0.027	11.000	90.0	0.038	No	c
SW7471	Mercury	mg/kg	10	0.000	0.024	70.0	0.000	Yes	b
SW7740	Selenium	mg/kg	10	-1.290	0.830	40.0	0.007	No	c
SW6010	Silver	mg/kg	10	-0.008	1.850	70.0	0.020	Yes	b
SW7841	Thallium	mg/kg	10	-0.027	0.245	90.0	0.005	Yes	b
SW6010	Vanadium	mg/kg	10	2.570	18.200	100.0	0.015	Yes	b
SW6010	Zinc	mg/kg	10	3.650	41.700	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	10	ND	0.134	20.0	0.028	Yes	d
SW8260	2-Chloroethylvinyl ether	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	10	ND	1.200	10.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	10	0.017	1.600	90.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	10	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	10	ND	0.010	10.0	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	10	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	10	ND	0.153	10.0	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	10	ND	0.051	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	10	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	10	ND	0.006	10.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	10	ND	0.158	10.0	NC	Yes	d
SW8270	Fluorene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	10	0.022	0.045	80.0	0.023	Yes	d
SW8270	Naphthalene	mg/kg	10	ND	0.616	10.0	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	10	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	10	ND	0.227	10.0	NC	Yes	d
SW8260	Styrene	mg/kg	10	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	11	-8.750	20600.000	45.5	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	10	ND	0.007	30.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	10	ND	0.017	30.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	10	ND	0.160	20.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	10	ND	0.117	10.0	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	10	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	10	ND	0.215	10.0	0.066	Yes	d
SW8270	benzo(g,h,i)perylene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	10	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	10	ND	0.130	20.0	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	10	ND	4.720	10.0	2.350	Yes	d
SW8270	di-n-Octylphthalate	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	10	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	10	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	10	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=29 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	4140.000	4140.000	100.0	36.886	Yes	d

N = 1

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	4	-5.390	-0.426	0.0	0.063	No	a
SW7060	Arsenic	mg/kg	4	0.161	0.608	100.0	0.008	No	c
SW6010	Barium	mg/kg	4	10.400	14.300	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	4	0.017	0.061	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	4	-0.026	0.019	50.0	0.005	No	c
SW6010	Chromium	mg/kg	4	1.220	1.830	100.0	0.008	No	c
SW6010	Cobalt	mg/kg	4	0.387	0.656	100.0	0.011	No	c
SW6010	Copper	mg/kg	4	0.696	0.960	100.0	0.016	No	c
SW7421	Lead	mg/kg	4	0.322	1.340	100.0	0.038	No	c
SW7471	Mercury	mg/kg	4	0.000	0.000	0.0	0.000	No	e
SW7740	Selenium	mg/kg	4	-0.650	-0.028	0.0	0.007	No	a
SW6010	Silver	mg/kg	4	-0.310	-0.140	0.0	0.020	No	a
SW7841	Thallium	mg/kg	4	-0.443	-0.230	0.0	0.005	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Vanadium	mg/kg	4	2.740	5.890	100.0	0.015	No	c
SW6010	Zinc	mg/kg	4	2.440	5.860	100.0	0.026	No	c

N = 15

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	2,4,5-Trichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	4	ND	0.003	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	4	ND	5.020	25.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=31 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Nitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	4	0.032	0.528	100.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	4	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Carbon tetrachloride	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Chloroform	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	4	ND	0.228	25.0	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	4	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	4	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	4	ND	0.003	25.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	4	ND	0.228	25.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Hexachlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	4	0.008	0.013	0.0	0.023	No	e
SW8270	Naphthalene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	4	ND	0.580	25.0	NC	Yes	d
SW8270	Phenol	mg/kg	4	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Styrene	mg/kg	4	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	5	0.000	818.000	40.0	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	4	0.002	0.010	100.0	NC	Yes	d
SW8260	Total xylenes	mg/kg	4	ND	0.029	25.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	4	ND	0.006	50.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	4	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	4	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	4	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	4	ND	ND	0.0	0.076	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=31 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	bis(2-Chloroethoxy)methane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	4	0.051	2.800	25.0	2.350	Yes	d
SW8270	di-n-Octylphthalate	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	4	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	6	-0.372	1.770	50.0	0.063	Yes	b
SW7060	Arsenic	mg/kg	6	1.260	2.280	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	6	23.300	55.900	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	6	0.063	0.438	100.0	0.007	Yes	b
SW6010	Cadmium	mg/kg	6	-0.019	9.620	83.3	0.005	Yes	b
SW6010	Chromium	mg/kg	6	2.980	10.800	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	6	0.916	3.630	100.0	0.011	Yes	b
SW6010	Copper	mg/kg	6	1.550	12.600	100.0	0.016	Yes	b
SW7421	Lead	mg/kg	6	1.390	27.000	100.0	0.038	Yes	b
SW7471	Mercury	mg/kg	6	0.015	0.016	100.0	0.000	Yes	b
SW7740	Selenium	mg/kg	6	-0.802	0.410	50.0	0.007	No	c
SW6010	Silver	mg/kg	6	-0.109	0.419	50.0	0.020	Yes	b
SW7841	Thallium	mg/kg	6	-0.120	0.238	50.0	0.005	No	c
SW6010	Vanadium	mg/kg	6	6.010	12.400	100.0	0.015	Yes	b
SW6010	Zinc	mg/kg	6	6.970	50.800	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	6	ND	0.013	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=34 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	6	ND	1.990	66.7	0.023	Yes	d
SW8270	Anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	6	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	6	ND	0.008	16.7	NC	Yes	d
SW8260	Carbon tetrachloride	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=34 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	6	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	6	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Fluoranthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	6	0.018	0.038	66.7	0.023	Yes	d
SW8270	Naphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	6	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Styrene	mg/kg	6	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	8	9.410	285.000	62.5	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	6	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	6	ND	0.008	16.7	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	6	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	6	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	6	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	6	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	ND	1.370	16.7	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	6	0.072	0.944	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=35 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	19.100	19.100	0.0	36.886	No	e

N = 1

RISKTYPE=Qualitative SWMU=37 METHOD=Inorganics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	6	-0.938	1.740	83.3	0.063	Yes	b
SW7060	Arsenic	mg/kg	6	0.667	1.130	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	6	13.400	32.600	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	6	0.011	0.087	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	6	0.073	0.139	100.0	0.005	Yes	b
SW6010	Chromium	mg/kg	6	0.912	3.630	100.0	0.008	No	c
SW6010	Cobalt	mg/kg	6	-0.186	2.190	83.3	0.011	No	c
SW6010	Copper	mg/kg	6	1.620	2.540	100.0	0.016	No	c
SW7421	Lead	mg/kg	6	-0.517	2.330	83.3	0.038	No	c
SW7471	Mercury	mg/kg	6	0.000	0.000	0.0	0.000	No	e
SW7740	Selenium	mg/kg	6	-0.403	0.380	66.7	0.007	No	c
SW6010	Silver	mg/kg	6	0.104	0.445	100.0	0.020	Yes	b
SW7841	Thallium	mg/kg	6	0.013	0.183	100.0	0.005	Yes	b

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=37 METHOD=Inorganics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Vanadium	mg/kg	6	4.050	7.880	100.0	0.015	No	c
SW6010	Zinc	mg/kg	6	3.060	10.000	100.0	0.026	No	c

N = 15

RISKTYPE=Qualitative SWMU=37 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=37 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	2,4,5-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	6	ND	0.003	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=37 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	6	0.007	0.130	66.7	0.023	Yes	d
SW8270	Anthracene	mg/kg	6	ND	0.048	16.7	NC	Yes	d
SW8260	Benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	6	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Carbon tetrachloride	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Chloroform	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	6	ND	0.121	16.7	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	6	ND	0.065	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	6	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Fluoranthene	mg/kg	6	ND	0.259	16.7	NC	Yes	d
SW8270	Fluorene	mg/kg	6	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=37 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Hexachlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	6	ND	0.024	16.7	0.023	Yes	d
SW8270	Naphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	6	ND	0.195	50.0	NC	Yes	d
SW8270	Phenol	mg/kg	6	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	6	ND	0.212	16.7	NC	Yes	d
SW8260	Styrene	mg/kg	6	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	7	12.000	298.000	57.1	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	6	ND	0.002	16.7	NC	Yes	d
SW8260	Total xylenes	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	6	ND	0.009	16.7	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	6	ND	0.104	16.7	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	6	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	6	ND	0.112	16.7	0.066	Yes	d
SW8270	benzo(g,h,i)perylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	6	ND	0.125	16.7	0.076	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=37 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	bis(2-Chloroethoxy)methane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	6	ND	0.173	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=38 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	6	-1.040	0.349	50.0	0.063	No	c
SW7060	Arsenic	mg/kg	6	0.591	1.160	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	6	20.800	115.000	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	6	0.052	0.121	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	6	0.000	2.540	83.3	0.005	Yes	b
SW6010	Chromium	mg/kg	6	2.600	31.200	100.0	0.008	Yes	b
SW6010	Cobalt	mg/kg	6	1.030	2.200	100.0	0.011	Yes	b
SW6010	Copper	mg/kg	6	1.510	13.800	100.0	0.016	No	c
SW7421	Lead	mg/kg	6	1.190	124.000	100.0	0.038	No	c
SW7471	Mercury	mg/kg	6	0.000	0.052	33.3	0.000	Yes	b
SW7740	Selenium	mg/kg	6	-0.197	0.586	66.7	0.007	No	c
SW6010	Silver	mg/kg	6	-0.009	0.628	83.3	0.020	Yes	b
SW7841	Thallium	mg/kg	6	-0.102	0.172	50.0	0.005	No	c
SW6010	Vanadium	mg/kg	6	5.810	9.120	100.0	0.015	No	c
SW6010	Zinc	mg/kg	6	7.830	114.000	100.0	0.026	Yes	b

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=38 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	6	ND	0.003	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=38 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	6	0.085	3.310	100.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	6	ND	ND	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Carbon tetrachloride	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	6	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=38 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	6	ND	10.600	33.3	NC	Yes	d
SW8270	Dibenzofuran	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	6	ND	0.636	16.7	0.178	Yes	d
SW8270	Dimethylphthalate	mg/kg	6	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	6	ND	0.005	16.7	NC	Yes	d
SW8270	Fluoranthene	mg/kg	6	ND	10.200	33.3	NC	Yes	d
SW8270	Fluorene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Hexachlorobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	6	0.021	0.048	83.3	0.023	Yes	d
SW8270	Naphthalene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	6	ND	1.500	16.7	NC	Yes	d
SW8270	Phenol	mg/kg	6	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	6	ND	8.430	33.3	NC	Yes	d
SW8260	Styrene	mg/kg	6	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	7	-2.180	840.000	71.4	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	6	ND	0.008	50.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=38 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	6	ND	0.006	16.7	NC	Yes	d
SW8260	Trichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	6	ND	0.009	16.7	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	6	ND	6.490	16.7	0.050	Yes	d
SW8270	benzo(a)pyrene	mg/kg	6	ND	4.850	33.3	0.046	Yes	d
SW8270	benzo(b)fluoranthene	mg/kg	6	ND	8.690	33.3	0.066	Yes	d
SW8270	benzo(g,h,i)perylene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	6	ND	2.200	16.7	0.076	Yes	d
SW8270	bis(2-Chloroethoxy)methane	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	ND	14.500	16.7	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	6	ND	0.002	16.7	NC	Yes	d
SW8260	cis-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	6	ND	0.164	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	6	ND	0.065	16.7	NC	Yes	d
SW8270	n-Nitroso-di-n-propylamine	mg/kg	6	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	6	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	6	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=4 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	31.300	31.300	0.0	36.886	No	e

N = 1

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	4	-0.685	0.392	25.0	0.063	No	c
SW7060	Arsenic	mg/kg	4	0.266	0.922	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	4	16.900	56.700	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	4	0.024	0.248	100.0	0.007	No	c
SW6010	Cadmium	mg/kg	4	0.014	0.202	100.0	0.005	Yes	b
SW6010	Chromium	mg/kg	4	0.001	4.750	75.0	0.008	No	c
SW6010	Cobalt	mg/kg	4	0.339	0.990	100.0	0.011	No	c
SW6010	Copper	mg/kg	4	1.690	2.700	100.0	0.016	No	c
SW7421	Lead	mg/kg	4	1.190	3.380	100.0	0.038	No	c
SW7471	Mercury	mg/kg	4	0.000	0.000	0.0	0.000	No	e
SW7740	Selenium	mg/kg	4	-0.358	0.094	25.0	0.007	No	c
SW6010	Silver	mg/kg	4	-0.030	0.040	25.0	0.020	No	c
SW7841	Thallium	mg/kg	4	-0.051	0.115	50.0	0.005	No	c

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=41 METHOD=Inorganics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Vanadium	mg/kg	4	3.790	7.060	100.0	0.015	No	c
SW6010	Zinc	mg/kg	4	5.680	11.200	100.0	0.026	No	c

N = 15

RISKTYPE=Qualitative SWMU=41 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloropropane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	2,4,5-Trichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	4	ND	0.003	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	2-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	4	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=41 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Nitrophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	4	0.049	0.290	100.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Benzyl alcohol	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Bromodichloromethane	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	4	ND	0.049	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Carbon tetrachloride	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Chloroform	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Dibromochloromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	4	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	4	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	4	ND	0.010	25.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	4	ND	ND	0.0	NC	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Hexachlorobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	4	0.014	0.039	50.0	0.023	Yes	d
SW8270	Naphthalene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	4	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Styrene	mg/kg	4	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	5	11.300	1200.000	80.0	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	4	ND	0.008	50.0	NC	Yes	d
SW8260	Total xylenes	mg/kg	4	ND	0.017	25.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Trichlorofluoromethane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	Vinyl chloride	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	4	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	4	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	4	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	4	ND	ND	0.0	0.076	No	e

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	bis(2-Chloroethoxy)methane	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	4	ND	0.085	50.0	NC	Yes	d
SW8260	cis 1,2-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	4	1.340	3.840	25.0	2.350	Yes	d
SW8270	di-n-Octylphthalate	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	4	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	4	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	4	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW7041	Antimony	mg/kg	5	-1.010	0.814	20.0	0.063	No	c
SW7060	Arsenic	mg/kg	5	0.565	1.230	100.0	0.008	Yes	b
SW6010	Barium	mg/kg	5	0.971	42.200	100.0	0.001	No	c
SW6010	Beryllium	mg/kg	5	0.001	0.259	80.0	0.007	No	c
SW6010	Cadmium	mg/kg	5	0.001	0.046	80.0	0.005	No	c
SW6010	Chromium	mg/kg	5	0.317	2.950	100.0	0.008	No	c
SW6010	Cobalt	mg/kg	5	0.033	1.310	100.0	0.011	No	c
SW6010	Copper	mg/kg	5	0.008	1.780	80.0	0.016	No	c
SW7421	Lead	mg/kg	5	-0.050	1.600	60.0	0.038	No	c
SW7471	Mercury	mg/kg	5	0.000	0.007	40.0	0.000	Yes	b
SW7740	Selenium	mg/kg	5	-0.632	0.498	20.0	0.007	No	c
SW6010	Silver	mg/kg	5	0.024	0.094	100.0	0.020	Yes	b
SW7841	Thallium	mg/kg	5	-0.094	0.201	40.0	0.005	No	c
SW6010	Vanadium	mg/kg	5	0.717	9.120	100.0	0.015	No	c
SW6010	Zinc	mg/kg	5	0.489	10.200	100.0	0.026	No	c

N = 15

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=7 METHOD=Organics

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	1,1,1-Trichloroethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	1,1,2-Trichloroethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	1,1-Dichloroethane	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	1,1-Dichloroethene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	1,2,4-Trichlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	1,2-Dichloroethane	mg/kg	5	ND	3.500	20.0	NC	Yes	d
SW8260	1,2-Dichloropropane	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	1,3-Dichlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	1,4-Dichlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	2-Butanone	mg/kg	5	ND	0.026	0.0	0.028	No	e
SW8260	2-Chloroethylvinyl ether	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	2-Hexanone	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	2-Methylnaphthalene	mg/kg	5	ND	0.245	20.0	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	5	ND	0.413	20.0	NC	Yes	d
SW8270	2-Nitroaniline	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	5	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	3,3'-Dichlorobenzidine	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	3-Nitroaniline	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	4-Chloroaniline	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl-phenylether	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	4-Methyl-2-Pentanone	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	4-Methylphenol	mg/kg	5	ND	0.049	20.0	NC	Yes	d
SW8270	4-Nitroaniline	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	4-Nitrophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Acetone	mg/kg	5	0.023	36.900	80.0	0.023	Yes	d
SW8270	Anthracene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Benzene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	Benzoic acid	mg/kg	5	ND	17.200	20.0	NC	Yes	d
SW8270	Benzyl alcohol	mg/kg	5	ND	0.218	20.0	NC	Yes	d
SW8260	Bromodichloromethane	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Bromoform	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	Bromomethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	5	ND	0.093	0.0	0.208	No	e
SW8260	Carbon disulfide	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Carbon tetrachloride	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	Chlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Chloroethane	mg/kg	5	ND	ND	0.0	NC	No	a

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Chloroform	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Chloromethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	5	ND	0.062	20.0	NC	Yes	d
SW8260	Dibromochloromethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/kg	5	ND	ND	0.0	0.178	No	e
SW8270	Dimethylphthalate	mg/kg	5	ND	ND	0.0	0.001	No	e
SW8260	Ethyl benzene	mg/kg	5	ND	49.700	20.0	NC	Yes	d
SW8270	Fluoranthene	mg/kg	5	ND	0.121	20.0	NC	Yes	d
SW8270	Fluorene	mg/kg	5	ND	0.067	20.0	NC	Yes	d
SW8270	Hexachlorobenzene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	Methylene chloride	mg/kg	5	ND	0.017	0.0	0.023	No	e
SW8270	Naphthalene	mg/kg	5	ND	0.577	20.0	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	5	ND	0.074	40.0	NC	Yes	d
SW8270	Phenol	mg/kg	5	ND	ND	0.0	0.237	No	e
SW8270	Pyrene	mg/kg	5	ND	0.126	40.0	NC	Yes	d
SW8260	Styrene	mg/kg	5	ND	ND	0.0	NC	No	e
E418.1	TRPH	mg/kg	8	2.840	16800.000	50.0	36.886	Yes	d
SW8260	Tetrachloroethene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	Toluene	mg/kg	5	0.003	3.770	100.0	NC	Yes	d

Table B.1-1
COPC Conclusions For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=7 METHOD=Organics
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8260	Total xylenes	mg/kg	5	ND	131.000	40.0	NC	Yes	d
SW8260	Trichloroethene	mg/kg	5	ND	2.830	20.0	NC	Yes	d
SW8260	Trichlorofluoromethane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8260	Vinyl acetate	mg/kg	5	ND	0.022	20.0	NC	Yes	d
SW8260	Vinyl chloride	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	benzo(a)anthracene	mg/kg	5	ND	ND	0.0	0.050	No	e
SW8270	benzo(a)pyrene	mg/kg	5	ND	ND	0.0	0.046	No	e
SW8270	benzo(b)fluoranthene	mg/kg	5	ND	ND	0.0	0.066	No	e
SW8270	benzo(g,h,i)perylene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	benzo(k)fluoranthene	mg/kg	5	ND	ND	0.0	0.076	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	cis 1,2-Dichloroethene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	cis-1,3-Dichloropropene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	di-n-Butylphthalate	mg/kg	5	ND	0.400	0.0	2.350	No	e
SW8270	di-n-Octylphthalate	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	dibenz(a,h)anthracene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8270	n-Nitroso-di-n-propylamine	mg/kg	5	ND	ND	0.0	NC	No	a
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	trans-1,2-Dichloroethene	mg/kg	5	ND	ND	0.0	NC	No	e
SW8260	trans-1,3-Dichloropropene	mg/kg	5	ND	ND	0.0	NC	No	a

N = 103

Table B.1-1
COPC Conclusions For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=9 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
E418.1	TRPH	mg/kg	1	57.900	57.900	100.0	36.886	Yes	d

N = 1

Footnotes

ND = Not detected
NC = Not calculated
UTL = Upper tolerance limit

a. No measureable results on site
b. Average metal concentration on site significantly greater than average background metal concentration (alpha = 0.20).
c. Average metal concentration on site not significantly greater than average background metal concentration (alpha = 0.20).
d. Frequency of occurrence >= 5%.
e. Frequency of occurrence < 5%.

(1) An "occurrence" is a result > blank UTL if there is a blank UTL.
If no blank UTL exist then an "occurrence" is any measured result.

(2) Upper Tolerance Limit for blanks.

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=1 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	11/11	-0.258	1.660	t-Test	0.7855	NS	0.2175	0.253	3	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	11/11	0.753	1.570	t-Test	0.0981	S	0.2130	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	11/11	18.461	33.300	t-Test	0.9957	NS	0.9417	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	11/11	0.108	0.359	Wilcoxon	0.7934	NS	0.4676	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	11/11	0.081	0.233	Wilcoxon	0.0292	S	0.4192	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	11/11	3.335	7.470	t-Test	0.0903	S	0.6759	6.605	1	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	11/11	0.874	2.450	t-Test	0.5618	NS	0.6994	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	11/11	1.987	5.360	t-Test	0.9451	NS	0.8680	4.844	1	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	11/11	4.664	18.000	Wilcoxon	0.3608	NS	0.4167	8.000	2	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	11/11	0.227	2.370	Wilcoxon	0.0001	S	0.3768	-0.001	11	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	11/11	0.098	0.622	t-Test	0.2140	NS	0.1704	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	11/11	0.074	0.463	Wilcoxon	0.0111	S	0.4162	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	11/11	0.296	0.677	Wilcoxon	0.0029	S	0.3501	0.160	8	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	11/11	5.268	8.760	t-Test	0.8747	NS	0.9255	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	11/11	12.620	39.300	t-Test	0.0646	S	0.4342	20.246	2	Yes	b

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=11

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	10/10	-0.034	2.010	t-Test	0.5876	NS	0.2162	0.253	4	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	10/10	1.733	2.940	t-Test	0.0009	S	0.2124	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	10/10	75.890	470.000	Wilcoxon	0.6707	NS	0.4525	84.363	1	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	10/10	0.218	1.200	Wilcoxon	0.7763	NS	0.4648	0.400	1	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	10/10	0.825	5.980	Wilcoxon	0.0009	S	0.4096	0.560	2	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	10/10	9.854	59.500	Wilcoxon	0.0910	S	0.3836	6.605	2	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	10/10	2.287	13.500	Wilcoxon	0.4519	NS	0.4288	2.485	2	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	10/10	7.537	42.300	Wilcoxon	0.3588	NS	0.4199	4.844	3	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	10/10	10.930	27.000	Wilcoxon	0.1392	S	0.3846	8.000	5	Yes	b
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	10/10	0.008	0.019	Wilcoxon	0.0001	S	0.3811	-0.001	10	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	10/10	-0.267	0.176	t-Test	0.3915	NS	0.1717	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	10/10	0.118	0.481	t-Test	0.0013	S	0.0844	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	10/10	0.001	0.402	Wilcoxon	0.2808	NS	0.4177	0.160	3	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	10/10	12.287	69.800	Wilcoxon	0.6412	NS	0.4495	15.460	1	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	10/10	44.364	289.000	Wilcoxon	0.0851	S	0.3821	20.246	5	Yes	b

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=12 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	10/10	0.082	4.000	Wilcoxon	0.9780	NS	0.5155	0.253	2	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	10/10	0.833	1.200	t-Test	0.0551	S	0.2124	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	10/10	18.157	51.000	t-Test	0.9840	NS	0.8500	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	10/10	0.059	0.189	Wilcoxon	0.9444	NS	0.4977	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	10/10	0.152	0.670	Wilcoxon	0.0125	S	0.4170	0.560	1	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	10/10	4.061	12.600	Wilcoxon	0.1259	S	0.3907	6.605	1	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	10/10	0.674	1.690	t-Test	0.8204	NS	0.7172	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	10/10	1.849	6.280	t-Test	0.9327	NS	0.7945	4.844	1	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	10/10	3.217	10.800	Wilcoxon	0.4809	NS	0.4304	8.000	1	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	10/10	0.103	0.950	Wilcoxon	0.0001	S	0.3811	-0.001	10	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	10/10	0.059	0.400	t-Test	0.2303	NS	0.1717	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	10/10	0.094	0.926	Wilcoxon	0.0256	S	0.4196	0.734	1	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	10/10	0.000	0.272	Wilcoxon	0.5367	NS	0.4382	0.160	3	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	10/10	4.426	10.500	t-Test	0.9284	NS	0.8375	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	10/10	8.154	18.200	t-Test	0.2913	NS	0.5799	20.246	0	No	c

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=14 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	8/8	-0.851	0.6500	t-Test	0.9640	NS	0.2188	0.253	1	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	8/8	1.406	2.6900	t-Test	0.0065	S	0.2110	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	8/8	16.861	25.4000	t-Test	0.9960	NS	0.9303	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	8/8	0.136	0.3400	Wilcoxon	0.7876	NS	0.4648	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	8/8	0.124	0.5610	Wilcoxon	0.0354	S	0.4218	0.560	1	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	8/8	6.015	22.9000	Wilcoxon	0.0910	S	0.3859	6.605	1	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	8/8	1.023	2.5000	t-Test	0.3646	NS	0.6345	2.485	1	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	8/8	1.401	2.4700	t-Test	0.9998	NS	0.9954	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	8/8	2.389	5.5400	Wilcoxon	0.4324	NS	0.4251	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	8/8	0.004	0.0124	Wilcoxon	0.0001	S	0.3903	-0.001	8	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	8/8	-0.034	0.5510	t-Test	0.2765	NS	0.1746	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	8/8	0.060	0.3680	t-Test	0.0012	S	0.0925	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	8/8	-0.041	0.2970	Wilcoxon	0.6787	NS	0.4479	0.160	2	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	8/8	6.920	13.6000	t-Test	0.4306	NS	0.7838	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	8/8	11.700	28.9000	t-Test	0.0803	S	0.4788	20.246	1	Yes	b

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=16 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	6/6	-0.365	0.8700	t-Test	0.8333	NS	0.2238	0.253	1	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	6/6	0.690	1.0000	Wilcoxon	0.2783	NS	0.4311	6.883	0	No	c
SW6010	Barium	mg/kg	9/9	35.778	65.000	6/6	17.537	26.6000	t-Test	0.9895	NS	0.8828	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	6/6	0.064	0.1030	Wilcoxon	0.9768	NS	0.5062	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	6/6	0.011	0.1500	Wilcoxon	0.4227	NS	0.4334	0.560	0	No	c
SW6010	Chromium	mg/kg	9/9	2.340	4.800	6/6	2.245	3.1400	t-Test	0.5588	NS	0.7337	6.605	0	No	c
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	6/6	0.767	1.6600	t-Test	0.6917	NS	0.6581	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	6/6	1.210	2.2500	t-Test	0.9996	NS	0.9827	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	6/6	1.234	1.6100	Wilcoxon	0.9444	NS	0.5042	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	6/6	0.002	0.0124	Wilcoxon	0.0002	S	0.4004	-0.001	6	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	6/6	0.092	0.3210	t-Test	0.2161	NS	0.1779	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	6/6	0.280	1.5300	Wilcoxon	0.0234	S	0.4224	0.734	1	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	6/6	0.060	0.1520	Wilcoxon	0.0823	S	0.4004	0.160	0	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	6/6	4.823	7.0800	t-Test	0.8999	NS	0.8663	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	6/6	6.352	8.7400	t-Test	0.5721	NS	0.6833	20.246	0	No	c

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=23 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	8/8	-0.618	1.210	t-Test	0.8790	NS	0.2151	0.253	3	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	8/8	0.598	2.030	t-Test	0.1674	S	0.2110	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	8/8	23.318	38.900	t-Test	0.9556	NS	0.8894	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	8/8	0.082	0.115	Wilcoxon	0.9444	NS	0.4948	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	8/8	0.103	0.496	Wilcoxon	0.0689	S	0.4241	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	8/8	3.400	5.370	t-Test	0.0603	S	0.7238	6.605	0	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	8/8	0.974	1.800	t-Test	0.4147	NS	0.6947	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	8/8	1.173	2.910	t-Test	0.9999	NS	0.9899	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	8/8	2.130	4.620	Wilcoxon	0.7327	NS	0.4633	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	8/8	0.003	0.012	Wilcoxon	0.0001	S	0.3904	-0.001	8	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	8/8	-0.001	0.496	t-Test	0.2585	NS	0.1746	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	8/8	0.303	1.630	Wilcoxon	0.0058	S	0.4168	0.734	1	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	8/8	0.049	0.390	Wilcoxon	0.2496	NS	0.4162	0.160	3	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	8/8	6.860	9.070	t-Test	0.4249	NS	0.9172	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	8/8	7.206	13.100	t-Test	0.3994	NS	0.7224	20.246	0	No	c

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=27 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	14/14	-0.220	0.4030	Wilcoxon	0.9569	NS	0.5070	0.253	2	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	14/14	1.158	1.9400	t-Test	0.0124	S	0.2147	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	14/14	24.037	49.6000	t-Test	0.9683	NS	0.9366	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	14/14	0.157	0.3640	Wilcoxon	0.2987	NS	0.4127	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	14/14	0.072	0.5100	Wilcoxon	0.0524	S	0.4201	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	14/14	3.857	6.8600	t-Test	0.0226	S	0.6776	6.605	1	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	14/14	1.114	2.2700	t-Test	0.2121	NS	0.7427	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	14/14	2.425	5.8800	t-Test	0.8311	NS	0.8617	4.844	2	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	14/14	3.497	6.8100	Wilcoxon	0.2213	NS	0.3969	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	14/14	0.009	0.0203	Wilcoxon	0.0001	S	0.3652	-0.001	14	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	14/14	0.254	1.1000	t-Test	0.1562	S	0.1668	10.531	0	Yes	b
SW6010	Silver	mg/kg	59/59	-0.201	1.156	14/14	0.065	0.4130	Wilcoxon	0.0071	S	0.4128	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	14/14	0.111	0.3730	Wilcoxon	0.0068	S	0.3562	0.160	5	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	14/14	6.917	11.3000	t-Test	0.4062	NS	0.9171	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	14/14	12.459	23.3000	t-Test	0.0247	S	0.5510	20.246	3	Yes	b

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=28 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	10/10	0.175	1.4000	t-Test	0.3326	NS	0.2307	0.253	3	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	10/10	1.297	3.7200	Wilcoxon	0.0906	S	0.4245	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	10/10	31.190	56.1000	t-Test	0.7279	NS	0.8574	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	10/10	0.191	0.6590	Wilcoxon	0.6991	NS	0.4557	0.400	3	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	10/10	0.127	0.3630	Wilcoxon	0.0141	S	0.4174	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	10/10	4.571	14.8000	Wilcoxon	0.1801	S	0.3994	6.605	3	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	10/10	1.810	4.6700	Wilcoxon	0.1108	S	0.3879	2.485	3	Yes	b
SW6010	Copper	mg/kg	9/9	2.922	3.800	10/10	3.876	10.8000	Wilcoxon	0.5000	NS	0.4346	4.844	2	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	10/10	4.414	11.0000	Wilcoxon	0.2095	NS	0.3969	8.000	2	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	10/10	0.012	0.0237	Wilcoxon	0.0001	S	0.3811	-0.001	10	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	10/10	-0.097	0.8300	t-Test	0.3075	NS	0.1718	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	10/10	0.372	1.8500	Wilcoxon	0.0006	S	0.4091	0.734	1	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	10/10	0.106	0.2450	Wilcoxon	0.0057	S	0.3596	0.160	3	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	10/10	8.675	18.2000	t-Test	0.1690	S	0.6649	15.460	2	Yes	b
SW6010	Zinc	mg/kg	9/9	6.724	15.000	10/10	14.180	41.7000	Wilcoxon	0.0558	S	0.3735	20.246	2	Yes	b

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=31 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	4/4	-2.144	-0.4260	t-Test	0.9293	NS	0.2108	0.253	0	No	a
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	4/4	0.450	0.6080	t-Test	0.2280	NS	0.2078	6.883	0	No	c
SW6010	Barium	mg/kg	9/9	35.778	65.000	4/4	11.925	14.3000	t-Test	0.9990	NS	0.8072	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	4/4	0.041	0.0611	Wilcoxon	0.9707	NS	0.4953	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	4/4	-0.001	0.0194	Wilcoxon	0.4830	NS	0.4343	0.560	0	No	c
SW6010	Chromium	mg/kg	9/9	2.340	4.800	4/4	1.545	1.8300	t-Test	0.9315	NS	0.6650	6.605	0	No	c
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	4/4	0.547	0.6560	t-Test	0.9635	NS	0.6918	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	4/4	0.811	0.9600	t-Test	1.0000	NS	0.9962	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	4/4	0.754	1.3400	Wilcoxon	0.9726	NS	0.5115	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	4/4	0.000	0.0000	Wilcoxon	0.0012	S	0.4114	-0.001	4	No	e
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	4/4	-0.361	-0.0284	t-Test	0.4443	NS	0.1818	10.531	0	No	a
SW6010	Silver	mg/kg	59/59	-0.201	1.156	4/4	-0.243	-0.1400	t-Test	0.7231	NS	0.1180	0.734	0	No	a
SW7841	Thallium	mg/kg	13/13	0.000	0.160	4/4	-0.326	-0.2300	Wilcoxon	0.9947	NS	0.4948	0.160	0	No	a
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	4/4	4.180	5.8900	t-Test	0.9294	NS	0.8009	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	4/4	4.133	5.8600	t-Test	0.8550	NS	0.6153	20.246	0	No	c

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

RISKTYPE=Qualitative SWMU=34

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	6/6	0.541	1.770	t-Test	0.1286	S	0.2260	0.253	3	Yes	b
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	6/6	1.645	2.280	t-Test	0.0008	S	0.2096	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	6/6	38.183	55.900	t-Test	0.3848	NS	0.8194	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	6/6	0.232	0.438	Wilcoxon	0.1663	S	0.4020	0.400	1	Yes	b
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	6/6	1.917	9.620	Wilcoxon	0.0022	S	0.4165	0.560	3	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	6/6	6.287	10.800	t-Test	0.0141	S	0.4712	6.605	3	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	6/6	1.931	3.630	t-Test	0.0119	S	0.5271	2.485	1	Yes	b
SW6010	Copper	mg/kg	9/9	2.922	3.800	6/6	6.463	12.600	t-Test	0.0629	S	0.4583	4.844	3	Yes	b
SW7421	Lead	mg/kg	7/7	2.686	8.000	6/6	10.167	27.000	Wilcoxon	0.0389	S	0.3602	8.000	3	Yes	b
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	6/6	0.015	0.016	t-Test	0.0000	S	0.0015	-0.001	6	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	6/6	-0.065	0.410	t-Test	0.2928	NS	0.1779	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	6/6	0.112	0.419	t-Test	0.0543	S	0.1041	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	6/6	0.041	0.238	Wilcoxon	0.3488	NS	0.4246	0.160	2	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	6/6	9.638	12.400	t-Test	0.0300	S	0.8294	15.460	0	Yes	b
SW6010	Zinc	mg/kg	9/9	6.724	15.000	6/6	27.378	50.800	t-Test	0.0142	S	0.3512	20.246	4	Yes	b

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=37 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	6/6	0.469	1.7400	t-Test	0.1642	S	0.2260	0.253	4	Yes	b
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	6/6	0.920	1.1300	t-Test	0.0360	S	0.2096	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	6/6	24.917	32.6000	t-Test	0.9290	NS	0.8828	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	6/6	0.049	0.0865	Wilcoxon	0.9852	NS	0.5137	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	6/6	0.105	0.1390	Wilcoxon	0.0281	S	0.4226	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	6/6	2.179	3.6300	t-Test	0.5955	NS	0.7158	6.605	0	No	c
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	6/6	0.834	2.1900	t-Test	0.5900	NS	0.5731	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	6/6	2.105	2.5400	t-Test	0.9939	NS	0.9994	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	6/6	1.027	2.3300	Wilcoxon	0.9505	NS	0.5065	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	6/6	0.000	0.0000	Wilcoxon	0.0002	S	0.4005	-0.001	6	No	e
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	6/6	0.060	0.3800	t-Test	0.2319	NS	0.1779	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	6/6	0.304	0.4450	t-Test	0.0000	S	0.1036	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	6/6	0.124	0.1830	Wilcoxon	0.0053	S	0.3684	0.160	2	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	6/6	5.960	7.8800	t-Test	0.6966	NS	0.8863	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	6/6	7.528	10.0000	t-Test	0.3471	NS	0.6862	20.246	0	No	c

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=38 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	6/6	-0.194	0.349	Wilcoxon	0.4769	NS	0.4312	0.253	2	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	6/6	0.942	1.160	t-Test	0.0335	S	0.2096	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	6/6	41.133	115.000	Wilcoxon	0.7363	NS	0.4569	84.363	1	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	6/6	0.078	0.121	Wilcoxon	0.9557	NS	0.4949	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	6/6	0.585	2.540	Wilcoxon	0.0060	S	0.4187	0.560	1	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	6/6	8.277	31.200	Wilcoxon	0.0361	S	0.3728	6.605	2	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	6/6	1.397	2.200	t-Test	0.0415	S	0.7151	2.485	0	Yes	b
SW6010	Copper	mg/kg	9/9	2.922	3.800	6/6	4.952	13.800	Wilcoxon	0.6569	NS	0.4495	4.844	2	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	6/6	22.605	124.000	Wilcoxon	0.3131	NS	0.4130	8.000	1	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	6/6	0.014	0.052	Wilcoxon	0.0002	S	0.4003	-0.001	6	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	6/6	0.121	0.586	t-Test	0.2063	NS	0.1779	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	6/6	0.359	0.628	t-Test	0.0025	S	0.1041	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	6/6	0.044	0.172	Wilcoxon	0.3175	NS	0.4227	0.160	2	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	6/6	6.855	9.120	t-Test	0.4318	NS	0.8902	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	6/6	29.210	114.000	Wilcoxon	0.0291	S	0.3692	20.246	2	Yes	b

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=41 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	4/4	-0.168	0.3920	t-Test	0.8155	NS	0.2557	0.253	1	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	4/4	0.612	0.9220	t-Test	0.1394	S	0.2078	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	4/4	29.550	56.7000	t-Test	0.7252	NS	0.7099	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	4/4	0.093	0.2480	Wilcoxon	0.8328	NS	0.4652	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	4/4	0.090	0.2020	Wilcoxon	0.1036	S	0.4281	0.560	0	Yes	b
SW6010	Chromium	mg/kg	9/9	2.340	4.800	4/4	2.143	4.7500	t-Test	0.5805	NS	0.5518	6.605	0	No	c
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	4/4	0.638	0.9900	t-Test	0.8269	NS	0.6681	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	4/4	2.113	2.7000	t-Test	0.9790	NS	0.9923	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	4/4	2.260	3.3800	Wilcoxon	0.3913	NS	0.4220	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	4/4	0.000	0.0000	Wilcoxon	0.0012	S	0.4114	-0.001	4	No	e
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	4/4	-0.132	0.0941	t-Test	0.3204	NS	0.1818	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	4/4	-0.009	0.0397	Wilcoxon	0.2206	NS	0.4307	0.734	0	No	c
SW7841	Thallium	mg/kg	13/13	0.000	0.160	4/4	0.020	0.1150	Wilcoxon	0.3903	NS	0.4281	0.160	0	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	4/4	4.985	7.0600	t-Test	0.8435	NS	0.7973	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	4/4	8.603	11.2000	t-Test	0.2269	NS	0.5996	20.246	0	No	c

N = 15

Table B.1-2

Soil Site Comparisons To Background For The O/WS SWMUs

---------- RISKTYPE=Qualitative SWMU=7 ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW7041	Antimony	mg/kg	9/9	0.067	0.140	5/5	-0.215	0.8140	t-Test	0.8047	NS	0.2367	0.253	1	No	c
SW7060	Arsenic	mg/kg	60/60	0.116	8.238	5/5	0.777	1.2300	t-Test	0.0734	S	0.2087	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.000	5/5	20.514	42.2000	t-Test	0.9454	NS	0.7751	84.363	0	No	c
SW6010	Beryllium	mg/kg	9/9	0.132	0.400	5/5	0.094	0.2590	Wilcoxon	0.8478	NS	0.4691	0.400	0	No	c
SW6010	Cadmium	mg/kg	58/58	0.015	0.560	5/5	0.023	0.0462	Wilcoxon	0.3020	NS	0.4316	0.560	0	No	c
SW6010	Chromium	mg/kg	9/9	2.340	4.800	5/5	1.680	2.9500	t-Test	0.8099	NS	0.6670	6.605	0	No	c
SW6010	Cobalt	mg/kg	9/9	0.916	1.700	5/5	0.593	1.3100	t-Test	0.8605	NS	0.6657	2.485	0	No	c
SW6010	Copper	mg/kg	9/9	2.922	3.800	5/5	1.020	1.7800	t-Test	0.9999	NS	0.9886	4.844	0	No	c
SW7421	Lead	mg/kg	7/7	2.686	8.000	5/5	0.807	1.6000	Wilcoxon	0.9492	NS	0.5026	8.000	0	No	c
SW7471	Mercury	mg/kg	37/37	-0.027	-0.008	5/5	0.003	0.0067	Wilcoxon	0.0004	S	0.4057	-0.001	5	Yes	b
SW7740	Selenium	mg/kg	62/62	-0.461	12.910	5/5	-0.240	0.4980	t-Test	0.3806	NS	0.1798	10.531	0	No	c
SW6010	Silver	mg/kg	59/59	-0.201	1.156	5/5	0.057	0.0942	t-Test	0.0000	S	0.1101	0.734	0	Yes	b
SW7841	Thallium	mg/kg	13/13	0.000	0.160	5/5	0.058	0.2010	Wilcoxon	0.2808	NS	0.4209	0.160	2	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.000	5/5	4.623	9.1200	t-Test	0.8760	NS	0.7695	15.460	0	No	c
SW6010	Zinc	mg/kg	9/9	6.724	15.000	5/5	5.268	10.2000	t-Test	0.7190	NS	0.5960	20.246	0	No	c

N = 15

Table B.1-2
Soil Site Comparisons To Background For The O/WS SWMUs

Footnotes

S = One-tailed test statistically significant at the alpha = 0.20 significance level
NS = One-tailed test not statistically significant at the alpha = 0.20 significance level
NA = No background data available
NC = Not calculated
UTL= Upper tolerance limit

(1) = Power to detect a difference of 40% between background and the site (alpha=0.20)
(2) = Upper tolerance limit for the 95th percentile for background at the 95% confidence level

a. No measureable results on site
b. Average metal concentration on site significantly greater than average background metal concentration (alpha = 0.20)
c. Average metal concentration on site not significantly greater than average background metal concentration (alpha = 0.20)
d. Frequency of occurrence >= 5%
e. Frequency of occurrence < 5%

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	11	11	-1	1.57	0.7531	1.1595
SW6010	Cadmium	mg/kg	11	11	0.0026	0.233	0.0815	0.1205
SW6010	Chromium	mg/kg	11	11	0.431	7.47	3.3346	4.2744
SW7471	Mercury	mg/kg	11	11	0	2.37	0.2265	0.6151
SW6010	Silver	mg/kg	11	11	-0.034	0.463	0.0741	0.1474
SW7841	Thallium	mg/kg	11	11	-0.193	0.677	0.296	0.4423
SW6010	Zinc	mg/kg	11	11	1.12	39.3	12.62	18.665

N = 7

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	2-Butanone	mg/kg	11	6	ND	0.694	0.0666	0.1803
SW8270	2-Methylnaphthalene	mg/kg	11	1	ND	0.434	0.0395	0.111
SW8260	Acetone	mg/kg	11	10	ND	2.93	0.4271	0.894
SW8260	Benzene	mg/kg	11	2	ND	0.0029	0.0004	0.0009
SW8260	Carbon disulfide	mg/kg	11	3	ND	0.844	0.0779	0.2168
SW8270	Chrysene	mg/kg	11	1	ND	0.215	0.0195	0.055
SW8270	Dibenzofuran	mg/kg	11	1	ND	0.0517	0.0047	0.0132
SW8260	Ethyl benzene	mg/kg	11	2	ND	7.58	0.6895	1.9383

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=1 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	Fluoranthene	mg/kg	11	1	ND	0.0819	0.0074	0.0209
SW8260	Methylene chloride	mg/kg	11	11	0.0104	4.16	0.3929	1.0757
SW8270	Naphthalene	mg/kg	11	2	ND	0.259	0.0296	0.0726
SW8270	Phenanthrene	mg/kg	11	3	ND	0.14	0.0286	0.0569
SW8270	Pyrene	mg/kg	11	5	ND	0.779	0.1241	0.2512
E418.1	TRPH	mg/kg	16	16	-19.7	6900	1520.6	2537.3
SW8260	Toluene	mg/kg	11	10	ND	8.12	0.7438	2.0807
SW8260	Total xylenes	mg/kg	11	3	ND	31.6	2.875	8.0813
SW8260	Vinyl acetate	mg/kg	11	1	ND	0.0071	0.0006	0.0018
SW8270	benzo(a)anthracene	mg/kg	11	1	ND	0.0876	0.008	0.0224
SW8270	benzo(a)pyrene	mg/kg	11	3	ND	0.216	0.0384	0.0778
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	11	4	ND	0.255	0.0593	0.1091
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	11	1	ND	0.201	0.0183	0.0514

N = 21

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	10	10	0.783	2.94	1.7334	2.1706

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW6010	Cadmium	mg/kg	10	10	0.0217	5.98	0.8248	1.8812
SW6010	Chromium	mg/kg	10	10	0.637	59.5	9.8538	20.113
SW7421	Lead	mg/kg	10	10	-1.62	27	10.93	17.281
SW7471	Mercury	mg/kg	10	10	0	0.0185	0.0081	0.0125
SW6010	Silver	mg/kg	10	10	-0.337	0.481	0.1184	0.2524
SW6010	Zinc	mg/kg	10	10	1.49	289	44.364	94.819

N = 7

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	1,1-Dichloroethane	mg/kg	10	1	ND	0.0175	0.0018	0.005
SW8260	1,1-Dichloroethene	mg/kg	10	1	ND	0.0021	0.0002	0.0006
SW8270	1,2-Dichlorobenzene	mg/kg	10	2	ND	0.208	0.0385	0.0857
SW8260	1,2-Dichloroethane	mg/kg	10	3	ND	0.0039	0.001	0.002
SW8260	1,2-Dichloropropane	mg/kg	10	1	ND	0.002	0.0002	0.0006
SW8270	1,4-Dichlorobenzene	mg/kg	10	2	ND	0.076	0.0139	0.0309
SW8260	2-Butanone	mg/kg	10	7	ND	0.978	0.1177	0.2939
SW8260	2-Chloroethylvinyl ether	mg/kg	10	1	ND	0.0045	0.0005	0.0013

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	2-Methylnaphthalene	mg/kg	10	1	ND	0.798	0.0798	0.2261
SW8270	4-Methylphenol	mg/kg	10	1	ND	0.242	0.0242	0.0686
SW8270	Acenaphthene	mg/kg	10	2	ND	1.95	0.2354	0.5923
SW8260	Acetone	mg/kg	10	10	0.0251	0.886	0.2186	0.3858
SW8270	Anthracene	mg/kg	10	1	ND	2.62	0.262	0.7423
SW8260	Benzene	mg/kg	10	3	ND	0.0344	0.0038	0.0101
SW8270	Benzoic acid	mg/kg	10	1	ND	4.82	0.482	1.3656
SW8270	Benzyl alcohol	mg/kg	10	1	ND	0.484	0.0484	0.1371
SW8260	Bromodichloromethane	mg/kg	10	1	ND	0.0021	0.0002	0.0006
SW8260	Carbon disulfide	mg/kg	10	3	ND	0.106	0.0113	0.0306
SW8260	Chlorobenzene	mg/kg	10	3	ND	0.0564	0.0066	0.0168
SW8270	Chrysene	mg/kg	10	1	ND	3.11	0.311	0.8811
SW8270	Dibenzofuran	mg/kg	10	2	ND	1.4	0.1575	0.4126
SW8260	Ethyl benzene	mg/kg	10	4	ND	85.4	8.5516	24.204
SW8270	Fluoranthene	mg/kg	10	4	ND	9.88	1.0312	2.8341
SW8270	Fluorene	mg/kg	10	2	ND	2.14	0.2442	0.6342
SW8260	Methylene chloride	mg/kg	10	10	0.0104	0.0292	0.0191	0.0226
SW8270	Naphthalene	mg/kg	10	3	ND	1.61	0.198	0.4894
SW8270	Phenanthrene	mg/kg	10	3	ND	8.94	0.9363	2.5679
SW8270	Pyrene	mg/kg	10	5	ND	7.46	0.802	2.1588
SW8260	Styrene	mg/kg	10	1	ND	0.0019	0.0002	0.0005
E418.1	TRPH	mg/kg	10	10	17.6	1750	428.29	769.54
SW8260	Tetrachloroethene	mg/kg	10	2	ND	0.0042	0.0006	0.0014
SW8260	Toluene	mg/kg	10	8	ND	0.756	0.0783	0.2164
SW8260	Total xylenes	mg/kg	10	6	ND	202	20.215	57.241
SW8260	Trichloroethene	mg/kg	10	3	ND	5.88	0.5935	1.6703

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=11 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Vinyl acetate	mg/kg	10	2	ND	0.908	0.0989	0.2644
SW8260	Vinyl chloride	mg/kg	10	1	ND	0.0031	0.0003	0.0009
SW8270	benzo(a)anthracene	mg/kg	10	2	ND	3.74	0.3898	1.0728
SW8270	benzo(a)pyrene	mg/kg	10	1	ND	1.9	0.19	0.5383
SW8270	benzo(b)fluoranthene	mg/kg	10	1	ND	1.58	0.158	0.4476
SW8270	benzo(g,h,i)perylene	mg/kg	10	1	ND	0.384	0.0384	0.1088
SW8270	benzo(k)fluoranthene	mg/kg	10	1	ND	0.457	0.0457	0.1295
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	10	1	ND	0.524	0.0524	0.1485
SW8260	cis 1,2-Dichloroethene	mg/kg	10	3	ND	0.0154	0.0021	0.0049
SW8270	dibenz(a,h)anthracene	mg/kg	10	1	ND	0.058	0.0058	0.0164
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	10	1	ND	1.96	0.196	0.5553
SW8260	trans-1,2-Dichloroethene	mg/kg	10	3	ND	0.0031	0.0006	0.0012

N = 46

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	10	10	0.312	1.2	0.8333	1.0005
SW6010	Cadmium	mg/kg	10	10	0.01	0.67	0.152	0.2699

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW6010	Chromium	mg/kg	10	10	0.624	12.6	4.0614	6.0711
SW7471	Mercury	mg/kg	10	10	0	0.95	0.1032	0.2757
SW6010	Silver	mg/kg	10	10	-0.322	0.926	0.094	0.2813

N = 5

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	2-Butanone	mg/kg	10	5	ND	0.223	0.0441	0.0862
SW8270	2-Methylnaphthalene	mg/kg	10	1	ND	2.5	0.25	0.7083
SW8260	Acetone	mg/kg	10	9	ND	0.381	0.116	0.1905
SW8260	Carbon disulfide	mg/kg	10	3	ND	0.0512	0.0067	0.0161
SW8260	Chloroform	mg/kg	10	1	ND	0.0016	0.0002	0.0004
SW8270	Chrysene	mg/kg	10	1	ND	0.297	0.0297	0.0841
SW8270	Dibenzofuran	mg/kg	10	1	ND	0.0568	0.0057	0.0161
SW8270	Fluoranthene	mg/kg	10	2	ND	0.292	0.0481	0.1085
SW8270	Fluorene	mg/kg	10	1	ND	0.071	0.0071	0.0201
SW8260	Methylene chloride	mg/kg	10	9	ND	0.0309	0.0155	0.0202
SW8270	Naphthalene	mg/kg	10	1	ND	4.99	0.499	1.4137

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=12 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	Phenanthrene	mg/kg	10	1	ND	0.132	0.0132	0.0374
SW8270	Pyrene	mg/kg	10	1	ND	0.292	0.0292	0.0827
E418.1	TRPH	mg/kg	11	11	7.49	5160	939.78	1798.2
SW8260	Tetrachloroethene	mg/kg	10	1	ND	0.0019	0.0002	0.0005
SW8260	Toluene	mg/kg	10	7	ND	0.0085	0.0029	0.0044
SW8260	Total xylenes	mg/kg	10	1	ND	0.002	0.0002	0.0006
SW8260	Vinyl acetate	mg/kg	10	3	ND	0.106	0.016	0.0358
SW8270	benzo(a)anthracene	mg/kg	10	1	ND	0.152	0.0152	0.0431
SW8270	benzo(a)pyrene	mg/kg	10	1	ND	0.152	0.0152	0.0431
SW8270	benzo(b)fluoranthene	mg/kg	10	1	ND	0.215	0.0215	0.0609
SW8270	benzo(g,h,i)perylene	mg/kg	10	1	ND	0.127	0.0127	0.036
SW8270	benzo(k)fluoranthene	mg/kg	10	1	ND	0.0824	0.0082	0.0233
SW8260	cis-1,3-Dichloropropene	mg/kg	10	1	ND	0.0023	0.0002	0.0006
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	10	1	ND	0.177	0.0177	0.0501

N = 25

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	8	8	0.579	2.69	1.4056	1.8837
SW6010	Cadmium	mg/kg	8	8	0.0085	0.561	0.1235	0.2454
SW6010	Chromium	mg/kg	8	8	0.928	22.9	6.0148	10.788
SW7471	Mercury	mg/kg	8	8	0	0.0124	0.0037	0.0073
SW6010	Silver	mg/kg	8	8	-0.144	0.368	0.0602	0.1576
SW6010	Zinc	mg/kg	8	8	1.31	28.9	11.7	17.704

N = 6

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	1,2-Dichloroethane	mg/kg	8	1	ND	0.0031	0.0004	0.0011
SW8260	Acetone	mg/kg	8	7	ND	3.5	0.6574	1.4486
SW8260	Benzene	mg/kg	8	1	ND	0.0276	0.0035	0.01
SW8260	Carbon disulfide	mg/kg	8	2	ND	0.0807	0.018	0.0406
SW8260	Chloroform	mg/kg	8	1	ND	0.0407	0.0051	0.0147
SW8260	Ethyl benzene	mg/kg	8	2	ND	0.193	0.0259	0.0713
SW8270	Fluoranthene	mg/kg	8	1	ND	0.0914	0.0114	0.0331
SW8260	Methylene chloride	mg/kg	8	8	0.0069	0.0237	0.0124	0.0161
SW8270	Pyrene	mg/kg	8	1	ND	0.111	0.0139	0.0402

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=14 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	10	10	7.03	405	112.17	184.31
SW8260	Tetrachloroethene	mg/kg	8	1	ND	0.388	0.0485	0.1404
SW8260	Toluene	mg/kg	8	6	ND	0.0062	0.0027	0.0041
SW8260	Total xylenes	mg/kg	8	2	ND	0.049	0.0066	0.0181
SW8260	Trichloroethene	mg/kg	8	2	ND	0.367	0.0463	0.1331
SW8260	Vinyl acetate	mg/kg	8	2	ND	0.048	0.0073	0.0186

N = 15

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7471	Mercury	mg/kg	6	6	0	0.0124	0.0021	0.0062
SW6010	Silver	mg/kg	6	6	-0.093	1.53	0.2796	0.787
SW7841	Thallium	mg/kg	6	6	-0.026	0.152	0.0601	0.1236

N = 3

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=16 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Acetone	mg/kg	6	5	ND	0.231	0.0988	0.1635
SW8260	Carbon disulfide	mg/kg	6	1	ND	0.0046	0.0008	0.0023
SW8260	Ethyl benzene	mg/kg	6	1	ND	0.0033	0.0006	0.0017
SW8260	Methylene chloride	mg/kg	6	6	0.0158	0.0343	0.0251	0.0302
E418.1	TRPH	mg/kg	7	7	9.75	267	89.036	163.78
SW8260	Toluene	mg/kg	6	2	ND	0.0093	0.0026	0.006
SW8260	Total xylenes	mg/kg	6	2	ND	0.0078	0.0021	0.0049
SW8270	di-n-Butylphthalate	mg/kg	6	6	0.131	7.46	4.8118	7.2192

N = 8

---------- RISKTYPE=Qualitative SWMU=19 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	2	2	109	160	134.5	295.5

N = 1

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=20 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	1	1	49.8	49.8	49.8	NC

N = 1

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	8	8	-0.122	2.03	0.5979	1.0514
SW6010	Cadmium	mg/kg	8	8	-0.005	0.496	0.1034	0.2145
SW6010	Chromium	mg/kg	8	8	2.09	5.37	3.4	4.2209
SW7471	Mercury	mg/kg	8	8	0	0.012	0.0029	0.0064
SW6010	Silver	mg/kg	8	8	-0.103	1.63	0.3031	0.6836

N = 5

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	1,2-Dichlorobenzene	mg/kg	8	1	ND	0.219	0.0274	0.0792
SW8270	1,3-Dichlorobenzene	mg/kg	8	1	ND	0.168	0.021	0.0608
SW8270	1,4-Dichlorobenzene	mg/kg	8	1	ND	0.177	0.0221	0.064
SW8260	2-Butanone	mg/kg	8	5	ND	13.4	1.7003	4.8672
SW8270	2-Methylnaphthalene	mg/kg	8	2	ND	9.94	1.7238	4.1236
SW8270	2-Methylphenol	mg/kg	8	1	ND	1.62	0.2025	0.5862
SW8270	4-Chloro-3-methylphenol	mg/kg	8	1	ND	0.0643	0.008	0.0233
SW8270	4-Methylphenol	mg/kg	8	2	ND	3.01	0.4771	1.1883
SW8270	Acenaphthylene	mg/kg	8	1	ND	0.0941	0.0118	0.034
SW8260	Acetone	mg/kg	8	8	0.0096	8.64	2.0174	4.081
SW8260	Benzene	mg/kg	8	4	ND	1.02	0.1284	0.3697
SW8270	Butylbenzylphthalate	mg/kg	8	2	ND	0.219	0.0384	0.0915
SW8260	Carbon disulfide	mg/kg	8	4	ND	4.2	0.531	1.524
SW8270	Dibenzofuran	mg/kg	8	1	ND	0.118	0.0148	0.0427
SW8270	Dimethylphthalate	mg/kg	8	2	ND	0.164	0.0279	0.0672
SW8260	Ethyl benzene	mg/kg	8	3	ND	5.48	0.6953	1.9905
SW8270	Fluoranthene	mg/kg	8	1	ND	0.0706	0.0088	0.0255
SW8260	Methylene chloride	mg/kg	8	8	0.0088	4.65	0.5945	1.6921
SW8270	Naphthalene	mg/kg	8	2	ND	5.58	1.0288	2.4083
SW8270	Phenanthrene	mg/kg	8	2	ND	0.288	0.0434	0.111
SW8270	Pyrene	mg/kg	8	2	ND	0.429	0.0641	0.1648
E418.1	TRPH	mg/kg	9	9	4.13	23300	4014.2	9161.7
SW8260	Toluene	mg/kg	8	7	ND	12.3	1.5451	4.456
SW8260	Total xylenes	mg/kg	8	3	ND	13.9	1.7559	5.0429
SW8260	Vinyl acetate	mg/kg	8	3	ND	0.0196	0.0036	0.0082
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	8	2	ND	24.2	3.4163	9.0891
SW8270	di-n-Butylphthalate	mg/kg	8	8	0.208	7.42	2.0481	3.8248

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=23 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	di-n-Octylphthalate	mg/kg	8	1	ND	0.159	0.0199	0.0575

N = 28

---------- RISKTYPE=Qualitative SWMU=24 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	1	1	42	42	42	NC

N = 1

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	14	14	0.385	1.94	1.1581	1.3989
SW6010	Cadmium	mg/kg	14	14	-0.025	0.51	0.0724	0.1338

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW6010	Chromium	mg/kg	14	14	0.968	6.86	3.857	4.7133
SW7471	Mercury	mg/kg	14	14	0	0.0203	0.0089	0.0125
SW7740	Selenium	mg/kg	14	14	-0.519	1.1	0.2541	0.4364
SW6010	Silver	mg/kg	14	14	-0.059	0.413	0.0653	0.1174
SW7841	Thallium	mg/kg	14	14	-0.084	0.373	0.1106	0.1664
SW6010	Zinc	mg/kg	14	14	1.27	23.3	12.459	15.958

N = 8

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	1,1-Dichloroethene	mg/kg	14	1	ND	0.0019	0.0001	0.0004
SW8270	2,4-Dinitrotoluene	mg/kg	14	1	ND	0.16	0.0114	0.0317
SW8260	2-Butanone	mg/kg	14	9	ND	18.9	1.5388	3.916
SW8260	2-Chloroethylvinyl ether	mg/kg	14	3	ND	1.02	0.0735	0.2025
SW8260	2-Hexanone	mg/kg	14	1	ND	0.0094	0.0007	0.0019
SW8270	2-Methylnaphthalene	mg/kg	14	4	ND	22.5	3.1731	6.5457
SW8270	2-Methylphenol	mg/kg	14	2	ND	4.62	0.3338	0.9177
SW8270	3-Nitroaniline	mg/kg	14	1	ND	0.0627	0.0045	0.0124

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=27 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	4-Methylphenol	mg/kg	14	1	ND	0.102	0.0073	0.0202
SW8270	4-Nitroaniline	mg/kg	14	1	ND	0.0462	0.0033	0.0091
SW8260	Acetone	mg/kg	14	14	0.0248	16.6	1.9546	4.1726
SW8260	Benzene	mg/kg	14	13	ND	7.03	1.0964	2.0942
SW8260	Carbon disulfide	mg/kg	14	5	ND	0.618	0.052	0.1295
SW8260	Chlorobenzene	mg/kg	14	1	ND	0.0017	0.0001	0.0003
SW8270	Chrysene	mg/kg	14	3	ND	0.287	0.0272	0.0634
SW8270	Dibenzofuran	mg/kg	14	3	ND	0.998	0.1236	0.2648
SW8270	Dimethylphthalate	mg/kg	14	3	ND	0.354	0.0437	0.093
SW8260	Ethyl benzene	mg/kg	14	11	ND	151	21.946	43.371
SW8270	Fluoranthene	mg/kg	14	3	ND	0.223	0.0265	0.0563
SW8270	Fluorene	mg/kg	14	4	ND	0.465	0.0622	0.1259
SW8260	Methylene chloride	mg/kg	14	13	ND	16.4	1.7053	3.7928
SW8270	Naphthalene	mg/kg	14	6	ND	11.2	1.6565	3.3266
SW8270	Phenanthrene	mg/kg	14	4	ND	0.486	0.0661	0.1332
SW8270	Pyrene	mg/kg	14	3	ND	0.195	0.0238	0.0502
E418.1	TRPH	mg/kg	17	17	10.7	6430	882.06	1585.9
SW8260	Toluene	mg/kg	14	13	ND	109	16.869	32.723
SW8260	Total xylenes	mg/kg	14	13	ND	293	35.757	76.802
SW8260	Trichloroethene	mg/kg	14	1	ND	0.0015	0.0001	0.0003
SW8260	Vinyl acetate	mg/kg	14	4	ND	0.164	0.0174	0.0385
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	14	5	ND	0.648	0.1071	0.2117
SW8260	cis 1,2-Dichloroethene	mg/kg	14	1	ND	0.002	0.0001	0.0004
SW8270	n-Nitrosodiphenylamine (1)	mg/kg	14	2	ND	0.114	0.0135	0.0301

N = 32

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	10	10	0.723	3.72	1.2973	1.8106
SW6010	Cadmium	mg/kg	10	10	-0.039	0.363	0.127	0.1996
SW6010	Chromium	mg/kg	10	10	0.907	14.8	4.5707	7.1025
SW6010	Cobalt	mg/kg	10	10	0.703	4.67	1.8102	2.6488
SW7471	Mercury	mg/kg	10	10	0	0.0237	0.0124	0.0176
SW6010	Silver	mg/kg	10	10	-0.008	1.85	0.3717	0.6907
SW7841	Thallium	mg/kg	10	10	-0.027	0.245	0.1056	0.1579
SW6010	Vanadium	mg/kg	10	10	2.57	18.2	8.675	11.894
SW6010	Zinc	mg/kg	10	10	3.65	41.7	14.18	21.008

N = 9

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	2-Butanone	mg/kg	10	4	ND	0.134	0.0191	0.0434
SW8270	2-Methylnaphthalene	mg/kg	10	1	ND	1.2	0.12	0.34
SW8260	Acetone	mg/kg	10	10	0.0173	1.6	0.2622	0.5422
SW8260	Carbon disulfide	mg/kg	10	1	ND	0.0096	0.001	0.0027
SW8270	Chrysene	mg/kg	10	1	ND	0.153	0.0153	0.0433
SW8260	Ethyl benzene	mg/kg	10	1	ND	0.0063	0.0006	0.0018

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=28 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	Fluoranthene	mg/kg	10	1	ND	0.158	0.0158	0.0448
SW8260	Methylene chloride	mg/kg	10	10	0.0221	0.0453	0.0287	0.0333
SW8270	Naphthalene	mg/kg	10	1	ND	0.616	0.0616	0.1745
SW8270	Pyrene	mg/kg	10	1	ND	0.227	0.0227	0.0643
E418.1	TRPH	mg/kg	11	11	-8.75	20600	2017.3	5388.9
SW8260	Toluene	mg/kg	10	3	ND	0.0065	0.0012	0.0025
SW8260	Total xylenes	mg/kg	10	3	ND	0.0174	0.0025	0.0056
SW8260	Vinyl acetate	mg/kg	10	2	ND	0.16	0.0163	0.0456
SW8270	benzo(a)anthracene	mg/kg	10	1	ND	0.117	0.0117	0.0331
SW8270	benzo(b)fluoranthene	mg/kg	10	1	ND	0.215	0.0215	0.0609
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	10	2	ND	0.13	0.024	0.0535
SW8270	di-n-Butylphthalate	mg/kg	10	9	ND	4.72	0.7418	1.5667

N = 18

---------- RISKTYPE=Qualitative SWMU=29 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	1	1	4140	4140	4140	NC

N = 1

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=31 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	2-Methylnaphthalene	mg/kg	4	1	ND	5.02	1.255	4.2085
SW8260	Acetone	mg/kg	4	4	0.0319	0.528	0.2476	0.5339
SW8270	Dibenzofuran	mg/kg	4	1	ND	0.228	0.057	0.1911
SW8260	Ethyl benzene	mg/kg	4	1	ND	0.0032	0.0008	0.0027
SW8270	Fluorene	mg/kg	4	1	ND	0.228	0.057	0.1911
SW8270	Phenanthrene	mg/kg	4	1	ND	0.58	0.145	0.4862
E418.1	TRPH	mg/kg	5	5	0	818	270.98	636.58
SW8260	Toluene	mg/kg	4	4	0.0023	0.0104	0.0045	0.0091
SW8260	Total xylenes	mg/kg	4	1	ND	0.0288	0.0072	0.0241
SW8260	Vinyl acetate	mg/kg	4	2	ND	0.0055	0.0027	0.0064
SW8270	di-n-Butylphthalate	mg/kg	4	4	0.0506	2.8	1.0277	2.4549

N = 11

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7041	Antimony	mg/kg	6	6	-0.372	1.77	0.5406	1.2857
SW7060	Arsenic	mg/kg	6	6	1.26	2.28	1.645	1.968
SW6010	Beryllium	mg/kg	6	6	0.0629	0.438	0.2318	0.3568
SW6010	Cadmium	mg/kg	6	6	-0.019	9.62	1.9171	5.0306

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Inorganics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW6010	Chromium	mg/kg	6	6	2.98	10.8	6.2867	8.9274
SW6010	Cobalt	mg/kg	6	6	0.916	3.63	1.931	2.7724
SW6010	Copper	mg/kg	6	6	1.55	12.6	6.4633	10.345
SW7421	Lead	mg/kg	6	6	1.39	27	10.167	17.437
SW7471	Mercury	mg/kg	6	6	0.0148	0.016	0.0154	0.0157
SW6010	Silver	mg/kg	6	6	-0.109	0.419	0.1121	0.3031
SW6010	Vanadium	mg/kg	6	6	6.01	12.4	9.6383	11.711
SW6010	Zinc	mg/kg	6	6	6.97	50.8	27.378	41.148

N = 12

---------- RISKTYPE=Qualitative SWMU=34 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Acetone	mg/kg	6	4	ND	1.99	0.3571	1.0157
SW8260	Carbon disulfide	mg/kg	6	1	ND	0.008	0.0013	0.004
SW8260	Methylene chloride	mg/kg	6	6	0.0175	0.0377	0.0297	0.0365
E418.1	TRPH	mg/kg	8	8	9.41	285	125.96	196.63
SW8260	Vinyl acetate	mg/kg	6	1	ND	0.0076	0.0013	0.0038
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	1	ND	1.37	0.2283	0.6884

N = 6

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=37 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7041	Antimony	mg/kg	6	6	-0.938	1.74	0.4688	1.2152
SW7060	Arsenic	mg/kg	6	6	0.667	1.13	0.9203	1.0649
SW6010	Cadmium	mg/kg	6	6	0.0734	0.139	0.1047	0.1282
SW6010	Silver	mg/kg	6	6	0.104	0.445	0.3042	0.4046
SW7841	Thallium	mg/kg	6	6	0.0127	0.183	0.1237	0.1761

N = 5

---------- RISKTYPE=Qualitative SWMU=37 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Acetone	mg/kg	6	6	0.0071	0.13	0.0665	0.109
SW8270	Anthracene	mg/kg	6	1	ND	0.0475	0.0079	0.0239
SW8270	Chrysene	mg/kg	6	1	ND	0.121	0.0202	0.0608
SW8270	Fluoranthene	mg/kg	6	1	ND	0.259	0.0432	0.1301
SW8260	Methylene chloride	mg/kg	6	5	ND	0.024	0.0151	0.0222
SW8270	Phenanthrene	mg/kg	6	3	ND	0.195	0.0522	0.1149
SW8270	Pyrene	mg/kg	6	1	ND	0.212	0.0353	0.1065
E418.1	TRPH	mg/kg	7	7	12	298	102.7	184.44
SW8260	Toluene	mg/kg	6	1	ND	0.0016	0.0003	0.0008
SW8260	Vinyl acetate	mg/kg	6	1	ND	0.0087	0.0014	0.0043

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=37 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	benzo(a)anthracene	mg/kg	6	1	ND	0.104	0.0173	0.0523
SW8270	benzo(b)fluoranthene	mg/kg	6	1	ND	0.112	0.0187	0.0563
SW8270	benzo(k)fluoranthene	mg/kg	6	1	ND	0.125	0.0208	0.0628

N = 13

---------- RISKTYPE=Qualitative SWMU=38 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	6	6	0.591	1.16	0.942	1.1283
SW6010	Cadmium	mg/kg	6	6	0	2.54	0.5847	1.3818
SW6010	Chromium	mg/kg	6	6	2.6	31.2	8.2767	17.614
SW6010	Cobalt	mg/kg	6	6	1.03	2.2	1.3967	1.7505
SW7471	Mercury	mg/kg	6	6	0	0.0517	0.0139	0.0324
SW6010	Silver	mg/kg	6	6	-0.009	0.628	0.359	0.5409
SW6010	Zinc	mg/kg	6	6	7.83	114	29.21	63.759

N = 7

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=38 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Acetone	mg/kg	6	6	0.0851	3.31	0.8687	1.9204
SW8270	Chrysene	mg/kg	6	2	ND	10.6	1.7762	5.3323
SW8270	Diethylphthalate	mg/kg	6	3	ND	0.636	0.1392	0.3438
SW8260	Ethyl benzene	mg/kg	6	1	ND	0.005	0.0008	0.0025
SW8270	Fluoranthene	mg/kg	6	2	ND	10.2	1.7102	5.1317
SW8260	Methylene chloride	mg/kg	6	6	0.021	0.0476	0.0347	0.0421
SW8270	Phenanthrene	mg/kg	6	1	ND	1.5	0.25	0.7538
SW8270	Pyrene	mg/kg	6	2	ND	8.43	1.4197	4.245
E418.1	TRPH	mg/kg	7	7	-2.18	840	201.27	418.76
SW8260	Toluene	mg/kg	6	3	ND	0.0077	0.0019	0.0044
SW8260	Total xylenes	mg/kg	6	1	ND	0.0059	0.001	0.003
SW8260	Vinyl acetate	mg/kg	6	1	ND	0.0089	0.0015	0.0045
SW8270	benzo(a)anthracene	mg/kg	6	2	ND	6.49	1.0887	3.2655
SW8270	benzo(a)pyrene	mg/kg	6	2	ND	4.85	0.8179	2.443
SW8270	benzo(b)fluoranthene	mg/kg	6	2	ND	8.69	1.4617	4.3749
SW8270	benzo(k)fluoranthene	mg/kg	6	1	ND	2.2	0.3667	1.1055
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	6	1	ND	14.5	2.4167	7.2864
SW8260	cis 1,2-Dichloroethene	mg/kg	6	1	ND	0.0018	0.0003	0.0009
SW8270	indeno(1,2,3-cd)pyrene	mg/kg	6	1	ND	0.0651	0.0108	0.0327

N = 19

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	4	4	0.266	0.922	0.6123	0.9295
SW6010	Cadmium	mg/kg	4	4	0.0139	0.202	0.0899	0.1835

N = 2

---------- RISKTYPE=Qualitative SWMU=41 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	Acetone	mg/kg	4	4	0.049	0.29	0.163	0.3036
SW8260	Ethyl benzene	mg/kg	4	1	ND	0.0097	0.0024	0.0081
SW8260	Methylene chloride	mg/kg	4	4	0.014	0.0388	0.0245	0.0368
E418.1	TRPH	mg/kg	5	5	11.3	1200	375.98	855.36
SW8260	Toluene	mg/kg	4	2	ND	0.0083	0.0034	0.0083
SW8260	Total xylenes	mg/kg	4	1	ND	0.0168	0.0042	0.0141
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	4	2	ND	0.0845	0.0337	0.0823
SW8270	di-n-Butylphthalate	mg/kg	4	4	1.34	3.84	2.19	3.5132

N = 8

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW7060	Arsenic	mg/kg	5	5	0.565	1.23	0.777	1.0349
SW7471	Mercury	mg/kg	5	5	0	0.0067	0.0025	0.0058
SW6010	Silver	mg/kg	5	5	0.0243	0.0942	0.0568	0.0858

N = 3

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8260	1,2-Dichloroethane	mg/kg	5	1	ND	3.5	0.7	2.1923
SW8270	2-Methylnaphthalene	mg/kg	5	1	ND	0.245	0.049	0.1535
SW8270	2-Methylphenol	mg/kg	5	1	ND	0.413	0.0826	0.2587
SW8270	4-Methylphenol	mg/kg	5	1	ND	0.0488	0.0098	0.0306
SW8260	Acetone	mg/kg	5	5	0.0227	36.9	7.8413	23.334
SW8270	Benzoic acid	mg/kg	5	1	ND	17.2	3.44	10.774
SW8270	Benzyl alcohol	mg/kg	5	1	ND	0.218	0.0436	0.1365
SW8270	Dibenzofuran	mg/kg	5	1	ND	0.0622	0.0124	0.039
SW8260	Ethyl benzene	mg/kg	5	1	ND	49.7	9.94	31.131
SW8270	Fluoranthene	mg/kg	5	1	ND	0.121	0.0242	0.0758
SW8270	Fluorene	mg/kg	5	1	ND	0.0666	0.0133	0.0417
SW8270	Naphthalene	mg/kg	5	1	ND	0.577	0.1154	0.3614

Table B.1-3
COPCs For The O/WS SWMUs
Risk-Based Screening

---------- RISKTYPE=Qualitative SWMU=7 METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
SW8270	Phenanthrene	mg/kg	5	2	ND	0.0743	0.0264	0.0613
SW8270	Pyrene	mg/kg	5	2	ND	0.126	0.0341	0.0864
E418.1	TRPH	mg/kg	8	8	2.84	16800	3309.6	7254.1
SW8260	Toluene	mg/kg	5	5	0.0028	3.77	0.7592	2.3638
SW8260	Total xylenes	mg/kg	5	2	ND	131	26.201	82.055
SW8260	Trichloroethene	mg/kg	5	1	ND	2.83	0.566	1.7726
SW8260	Vinyl acetate	mg/kg	5	1	ND	0.0217	0.0043	0.0136

N = 19

---------- RISKTYPE=Qualitative SWMU=9 METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
E418.1	TRPH	mg/kg	1	1	57.9	57.9	57.9	NC

N = 1

Footnotes

ND = Not detected
NC = Not calculated

a. Random uniform numbers between zero and the smallest of the minimum J-flagged result and RL substituted for non-detected values
b. One-sided 95% upper confidence limit for the mean

Attachment B.2

Summary Tables for COPCs for SWMU 231

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Aluminum	mg/kg	27	670.000	11600.000	100.0	NC	Yes	b
SW7060	Arsenic	mg/kg	27	-0.009	2.600	96.3	NC	Yes	b
SW6010	Barium	mg/kg	27	19.300	106.000	100.0	NC	Yes	b
SW6010	Beryllium	mg/kg	27	ND	0.620	70.4	NC	Yes	b
SW6010	Cadmium	mg/kg	27	ND	0.022	11.1	NC	Yes	b
SW6010	Calcium	mg/kg	27	101000.000	244000.000	100.0	45.300	No	c
SW6010	Chromium	mg/kg	27	ND	11.300	85.2	NC	Yes	b
SW6010	Cobalt	mg/kg	27	ND	4.100	74.1	NC	Yes	b
SW6010	Copper	mg/kg	27	ND	16.500	77.8	NC	No	c
SW6010	Iron	mg/kg	27	740.000	15100.000	100.0	NC	Yes	b
SW7421	Lead	mg/kg	27	0.074	9.400	100.0	NC	Yes	b
SW6010	Magnesium	mg/kg	27	712.000	10200.000	100.0	NC	No	c
SW6010	Manganese	mg/kg	27	16.700	268.000	100.0	NC	Yes	b
SW7471	Mercury	mg/kg	27	ND	-0.061	0.0	NC	No	a
SW6010	Nickel	mg/kg	27	ND	9.500	74.1	NC	Yes	b
SW6010	Potassium	mg/kg	27	110.000	3830.000	100.0	NC	Yes	b
SW7740	Selenium	mg/kg	27	ND	2.400	22.2	NC	Yes	b
SW6010	Silver	mg/kg	27	ND	1.300	14.8	NC	Yes	b
SW6010	Sodium	mg/kg	27	ND	1640.000	96.3	NC	No	c
SW6010	Thallium	mg/kg	27	ND	10.000	14.8	NC	No	c
SW6010	Vanadium	mg/kg	27	0.850	22.900	100.0	NC	Yes	b
SW6010	Zinc	mg/kg	27	1.400	48.800	100.0	NC	Yes	b

N = 22

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	1,1,1,2-Tetrachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1,1-Trichloroethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,1,2,2-Tetrachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1,2-Trichloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1-Dichloroethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,1-Dichloroethene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,2,3-Trichloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,2,4,5-Tetrachlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	1,2,4-Trichlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	1,2-Dibromo-3-chloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dibromoethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,3-Dichlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	1,3-Dinitrobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	1,4-Dichlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	1,4-Naphthoquinone	mg/kg	24	ND	ND	0.0	NC	No	a
SW8270	1,4-Napthoquinone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1-Naphthylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2,3,4,6-Tetrachlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SOP-427	2,3/2,4-Dimethylaniline	mg/kg	39	ND	0.110	2.6	NC	No	e
SW8270	2,4,5-Trichlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	27	ND	0.069	7.4	NC	Yes	d
SW8270	2,4-Dinitrophenol	mg/kg	27	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	2,4-Dinitrotoluene	mg/kg	27	ND	ND	0.0	NC	No	a
SOP-427	2,5-Dimethylaniline	mg/kg	39	ND	0.117	2.6	NC	No	e
SW8270	2,6-Dichlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SOP-427	2,6-Dimethylaniline	mg/kg	39	ND	0.034	2.6	NC	No	e
SW8270	2,6-Dinitrotoluene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Acetylaminofluorene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	2-Chloro-1,3-butadiene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Chloronaphthalene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	2-Hexanone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Methylnaphthalene	mg/kg	27	ND	4.100	7.4	NC	Yes	d
SW8270	2-Methylphenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Naphthylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Nitroaniline	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	2-Picoline	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dimethylbenzidine	mg/kg	27	ND	ND	0.0	NC	No	a
SOP-427	3,4-Dimethylaniline	mg/kg	39	ND	0.147	2.6	NC	No	e
SOP-427	3,5-Dimethylaniline	mg/kg	39	ND	0.218	2.6	NC	No	e
SW8240	3-Chloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	3-Methylcholanthrene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	3-Methylphenol/4-Methylphenol	mg/kg	30	ND	ND	0.0	NC	No	e
SW8270	3-Nitroaniline	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4-Aminobiphenyl	mg/kg	27	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Bromophenyl phenyl ether	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4-Chloroaniline	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	4-Chlorophenyl phenyl ether	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	4-Methyl-2-pentanone (MIBK)	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4-Nitrophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	4-Nitroquinoline-N-oxide	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	5-Nitro-o-toluidine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	7,12-Dimethylbenz(a)-anthracene	mg/kg	24	ND	ND	0.0	NC	No	a
SW8270	7,12-Dimethylbenz(a)anthracene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Acetone	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Acetonitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Acetophenone	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Acrolein	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Acrylonitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-427	Aniline	mg/kg	39	ND	0.083	5.1	NC	Yes	d
SW8270	Anthracene	mg/kg	27	ND	ND	0.0	NC	No	e
SW7041	Antimony	mg/kg	24	ND	0.300	25.0	NC	Yes	d
SW8270	Aramite	mg/kg	27	ND	ND	0.0	NC	No	a
SW8015MP	Benzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Benzo(a)anthracene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Benzo(a)pyrene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Benzo(b)fluoranthene	mg/kg	27	ND	ND	0.0	NC	No	e

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Benzo(g,h,i)perylene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Benzo(k)fluoranthene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Benzyl alcohol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Bromodichloromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Bromomethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Carbon disulfide	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Carbon tetrachloride	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chlorobenzene	mg/kg	3	ND	0.002	33.3	NC	Yes	d
SW8270	Chlorobenzilate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloroform	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloromethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Chrysene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Di-n-butylphthalate	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Di-n-octylphthalate	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Diallate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Dibenz(a,h)anthracene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	27	ND	ND	0.0	NC	No	e
SW8240	Dibromochloromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Dibromomethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Dichlorodifluoromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015ME	Diesel	mg/kg	3	2.600	3.500	100.0	NC	Yes	d
SW8270	Diethylphthalate	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Dimethylphenethylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Dimethylphthalate	mg/kg	27	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Diphenylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Ethyl benzene	mg/kg	3	ND	0.000	0.0	NC	No	e
SW8240	Ethyl methacrylate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Ethyl methanesulfonate	mg/kg	27	ND	ND	0.0	NC	No	a
SW8015MP	Ethylbenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Fluoranthene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	27	ND	ND	0.0	NC	No	e
SOP-427	Furfuryl Alcohol	mg/kg	39	ND	ND	0.0	NC	No	e
SW8015MP	Gasoline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Hexachlorophene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Hexachloropropene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8240	Iodomethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Isosafrole	mg/kg	27	ND	ND	0.0	NC	No	a
SW8015ME	Jet fuel	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015ME	Kerosene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Methapyriline	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Methyl ethyl ketone (2-Butanone)	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Methyl methacrylate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Methyl methanesulfonate	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Methylene chloride	mg/kg	3	0.002	0.003	100.0	NC	Yes	d

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	N-Nitroso-di-n-butylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitroso-di-n-propylamine	mg/kg	24	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodiethylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodimethylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodiphenylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodipropylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomethylethylamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomorpholine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopiperidine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopyrrolidine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Naphthalene	mg/kg	27	ND	1.500	7.4	NC	Yes	d
SW8270	Nitrobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Pentachlorobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Pentachloroethane	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Pentachloronitrobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Phenacetin	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Pronamide	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Propanenitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pyrene	mg/kg	27	ND	ND	0.0	NC	No	e
SW8270	Pyridine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	Safrole	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	Styrene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Tetrachloroethene	mg/kg	3	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SOP-426	Tetrahydrofuran	mg/kg	39	ND	ND	0.0	NC	No	a
SW8015MP	Toluene	mg/kg	3	0.004	0.007	33.3	NC	Yes	d
SW8015MP	Total xylenes	mg/kg	3	ND	0.007	33.3	NC	Yes	d
SW8240	Tribromomethane(Bromoform)	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Trichloroethene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Trichlorofluoromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Vinyl acetate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Vinyl chloride	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Xylenes	mg/kg	3	0.001	0.001	0.0	NC	No	e
SW8270	bis(2-Chloroethoxy)methane	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	27	ND	ND	0.0	NC	No	e
SW8240	cis-1,3-Dichloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	o-Toluidine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	p-Dimethylaminoazobenzene	mg/kg	27	ND	ND	0.0	NC	No	a
SW8270	p-Phenylenediamine	mg/kg	27	ND	ND	0.0	NC	No	a
SW8240	trans-1,2-Dichloroethene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	trans-1,3-Dichloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	trans-1,4-Dichloro-2-butene	mg/kg	3	ND	ND	0.0	NC	No	a

N = 177

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Aluminum	mg/kg	10	5980.000	14000.000	100.0	NC	Yes	b
SW7060	Arsenic	mg/kg	10	1.100	2.300	100.0	NC	Yes	b
SW6010	Barium	mg/kg	10	59.000	108.000	100.0	NC	Yes	b
SW6010	Beryllium	mg/kg	10	0.280	0.950	100.0	NC	Yes	b
SW6010	Cadmium	mg/kg	10	ND	0.320	20.0	NC	Yes	b
SW6010	Calcium	mg/kg	10	90500.000	209000.000	100.0	NC	No	c
SW6010	Chromium	mg/kg	10	4.300	12.000	100.0	NC	Yes	b
SW6010	Cobalt	mg/kg	10	2.000	5.600	100.0	NC	Yes	b
SW6010	Copper	mg/kg	10	4.800	12.800	100.0	NC	Yes	b
SW6010	Iron	mg/kg	10	5200.000	13200.000	100.0	NC	Yes	b
SW7421	Lead	mg/kg	10	0.950	9.800	100.0	NC	No	c
SW6010	Magnesium	mg/kg	10	4300.000	12300.000	100.0	NC	Yes	b
SW6010	Manganese	mg/kg	10	110.000	345.000	100.0	NC	Yes	b
SW7471	Mercury	mg/kg	10	ND	-0.049	10.0	NC	No	a
SW6010	Nickel	mg/kg	10	3.100	10.800	100.0	NC	Yes	b
SW6010	Potassium	mg/kg	10	1870.000	4630.000	100.0	NC	Yes	b
SW7740	Selenium	mg/kg	10	ND	3.000	60.0	NC	Yes	b
SW6010	Silver	mg/kg	10	ND	-0.360	0.0	NC	No	a
SW6010	Sodium	mg/kg	10	ND	2120.000	80.0	NC	No	c
SW6010	Thallium	mg/kg	10	ND	14.000	20.0	NC	Yes	b
SW6010	Vanadium	mg/kg	10	5.900	19.000	100.0	NC	Yes	b
SW6010	Zinc	mg/kg	10	16.000	40.100	100.0	NC	Yes	b

N = 22

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	1,1,1,2-Tetrachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1,1-Trichloroethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,1,2,2-Tetrachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1,2-Trichloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,1-Dichloroethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,1-Dichloroethene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	1,2,3-Trichloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,2,4,5-Tetrachlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,2,4-Trichlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dibromo-3-chloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dibromoethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloropropane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,3-Dichlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,3-Dinitrobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,4-Dichlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1,4-Napthoquinone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	1-Naphthylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2,3,4,6-Tetrachlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-427	2,3/2,4-Dimethylaniline	mg/kg	13	ND	4.640	7.7	NC	Yes	d
SW8270	2,4,5-Trichlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	2,4-Dinitrophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/kg	3	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SOP-427	2,5-Dimethylaniline	mg/kg	13	ND	4.690	7.7	NC	Yes	d
SW8270	2,6-Dichlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-427	2,6-Dimethylaniline	mg/kg	13	ND	0.110	7.7	NC	Yes	d
SW8270	2,6-Dinitrotoluene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Acetylaminofluorene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	2-Chloro-1,3-butadiene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Chloronaphthalene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	2-Hexanone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Methylnaphthalene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Naphthylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Nitroaniline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	2-Picoline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dimethylbenzidine	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-427	3,4-Dimethylaniline	mg/kg	13	ND	0.416	7.7	NC	Yes	d
SOP-427	3,5-Dimethylaniline	mg/kg	13	ND	0.628	7.7	NC	Yes	d
SW8240	3-Chloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	3-Methylcholanthrene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	3-Methylphenol/4-Methylphenol	mg/kg	6	ND	ND	0.0	NC	No	e
SW8270	3-Nitroaniline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4-Aminobiphenyl	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/kg	3	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Chloro-3-methylphenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4-Chloroaniline	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	4-Chlorophenyl phenyl ether	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	4-Methyl-2-pentanone (MIBK)	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	4-Nitroaniline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4-Nitrophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	4-Nitroquinoline-N-oxide	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	5-Nitro-o-toluidine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	7,12-Dimethylbenz(a)anthracene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Acenaphthylene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Acetone	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Acetonitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Acetophenone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Acrolein	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Acrylonitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-427	Aniline	mg/kg	13	ND	0.019	7.7	NC	Yes	d
SW8270	Anthracene	mg/kg	3	ND	ND	0.0	NC	No	e
SW7041	Antimony	mg/kg	7	ND	0.250	28.6	NC	Yes	d
SW8270	Aramite	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015MP	Benzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Benzo(a)anthracene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Benzo(a)pyrene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Benzo(b)fluoranthene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Benzo(g,h,i)perylene	mg/kg	3	ND	0.031	0.0	NC	No	e
SW8270	Benzo(k)fluoranthene	mg/kg	3	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Benzyl alcohol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Bromodichloromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Bromomethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Carbon disulfide	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Carbon tetrachloride	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chlorobenzene	mg/kg	3	ND	0.002	33.3	NC	Yes	d
SW8270	Chlorobenzilate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloroform	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Chloromethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Chrysene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Di-n-butylphthalate	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Di-n-octylphthalate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Diallate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Dibenz(a,h)anthracene	mg/kg	3	ND	0.020	0.0	NC	No	e
SW8270	Dibenzofuran	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Dibromochloromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Dibromomethane	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Dichlorodifluoromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015ME	Diesel	mg/kg	3	2.000	1200.000	100.0	NC	Yes	d
SW8270	Diethylphthalate	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Dimethylphenethylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Dimethylphthalate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Diphenylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Ethyl benzene	mg/kg	3	ND	0.002	33.3	NC	Yes	d

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	Ethyl methacrylate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Ethyl methanesulfonate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015MP	Ethylbenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Fluoranthene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Fluorene	mg/kg	3	ND	ND	0.0	NC	No	e
SOP-427	Furfuryl Alcohol	mg/kg	13	ND	0.428	7.7	NC	Yes	d
SW8015MP	Gasoline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachlorophene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Hexachloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	3	ND	0.019	0.0	NC	No	e
SW8240	Iodomethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Isophorone	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Isosafrole	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015ME	Jet fuel	mg/kg	3	ND	ND	0.0	NC	No	a
SW8015ME	Kerosene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Methapyriline	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Methyl ethyl ketone (2-Butanone)	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Methyl methacrylate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Methyl methanesulfonate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Methylene chloride	mg/kg	3	0.003	0.013	100.0	NC	Yes	d
SW8270	N-Nitroso-di-n-butylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodiethylamine	mg/kg	3	ND	ND	0.0	NC	No	a

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	N-Nitrosodimethylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodiphenylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodipropylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomethylethylamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomorpholine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopiperidine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopyrrolidine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Naphthalene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pentachlorobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pentachloroethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pentachloronitrobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Phenacetin	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Phenol	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Pronamide	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Propanenitrile	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Pyrene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8270	Pyridine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	Safrole	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Styrene	mg/kg	3	ND	0.001	0.0	NC	No	e
SW8240	Tetrachloroethene	mg/kg	3	ND	ND	0.0	NC	No	a
SOP-426	Tetrahydrofuran	mg/kg	13	ND	ND	0.0	NC	No	a
SW8015MP	Toluene	mg/kg	3	0.005	0.015	33.3	NC	Yes	d
SW8015MP	Total xylenes	mg/kg	3	ND	0.018	66.7	NC	Yes	d

Table B.2-1
COPC Conclusions for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	Tribromomethane(Bromoform)	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Trichloroethene	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	Trichlorofluoromethane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Vinyl acetate	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Vinyl chloride	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	Xylenes	mg/kg	3	ND	0.010	33.3	NC	Yes	d
SW8270	bis(2-Chloroethoxy)methane	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	bis(2-Ethylhexyl)phthalate	mg/kg	3	ND	ND	0.0	NC	No	e
SW8240	cis-1,3-Dichloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	o-Toluidine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	p-Dimethylaminoazobenzene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8270	p-Phenylenediamine	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	trans-1,2-Dichloroethene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	trans-1,3-Dichloropropene	mg/kg	3	ND	ND	0.0	NC	No	a
SW8240	trans-1,4-Dichloro-2-butene	mg/kg	3	ND	ND	0.0	NC	No	a

N = 174

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Inorganics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW6010	Aluminum	mg/L	4	0.120	1.600	100.0	0.032	Yes	d
SW7060	Arsenic	mg/L	4	0.002	0.002	100.0	NC	Yes	b
SW6010	Barium	mg/L	4	0.009	0.034	100.0	NC	No	c
SW6010	Beryllium	mg/L	4	ND	ND	0.0	NC	No	a
SW6010	Cadmium	mg/L	4	ND	ND	0.0	NC	No	a
SW6010	Calcium	mg/L	4	758.000	952.000	100.0	0.973	Yes	d
SW6010	Chromium	mg/L	4	ND	0.012	25.0	NC	Yes	b
SW6010	Cobalt	mg/L	4	ND	0.007	25.0	NC	Yes	b
SW6010	Copper	mg/L	4	ND	0.140	75.0	0.015	Yes	b
SW6010	Iron	mg/L	4	0.190	1.200	100.0	NC	Yes	d
SW7421	Lead	mg/L	4	ND	0.005	25.0	NC	Yes	b
SW6010	Magnesium	mg/L	4	472.000	594.000	100.0	NC	Yes	d
SW6010	Manganese	mg/L	4	0.023	0.150	100.0	NC	Yes	d
SW7470	Mercury	mg/L	4	ND	ND	0.0	NC	No	a
SW6010	Potassium	mg/L	4	4.400	9.100	100.0	NC	Yes	d
SW7740	Selenium	mg/L	4	0.007	0.009	100.0	NC	Yes	b
SW6010	Silver	mg/L	4	ND	ND	0.0	NC	No	a
SW6010	Sodium	mg/L	4	1230.000	1950.000	100.0	NC	Yes	d
SW6010	Vanadium	mg/L	4	0.007	0.015	100.0	NC	No	c

N = 19

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	1,1,1-Trichloroethane	mg/L	4	ND	ND	0.0	NC	No	e
SW8240	1,1,2,2-Tetrachloroethane	mg/L	4	ND	ND	0.0	0.001	No	e
SW8240	1,1,2-Trichloroethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	1,1-Dichloroethane	mg/L	4	ND	ND	0.0	NC	No	e
SW8240	1,1-Dichloroethene	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	1,2,4,5-Tetrachlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,2,4-Trichlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,2-Dichlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloroethane	mg/L	4	ND	ND	0.0	NC	No	e
SW8240	1,2-Dichloroethene (total)	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	1,2-Dichloropropane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,3-Dichlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,3-Dinitrobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,4-Dichlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1,4-Naphthoquinone	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	1-Naphthylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,3,4,6-Tetrachlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	2,3/2,4-Dimethylaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,4,5-Trichlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,4,6-Trichlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dichlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dimethylphenol	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	2,4-Dinitrophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,4-Dinitrotoluene	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	2,5-Dimethylaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2,6-Dichlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	2,6-Dimethylaniline	mg/L	4	ND	ND	0.0	NC	No	a

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	2,6-Dinitrotoluene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Acetylaminofluorene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	2-Chloroethyl vinyl ether	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	2-Chloronaphthalene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Chlorophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	2-Hexanone	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Methylnaphthalene	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	2-Methylphenol	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	2-Naphthylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Nitroaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Nitrophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	2-Picoline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dichlorobenzidine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	3,3'-Dimethylbenzidine	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	3,4-Dimethylaniline	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	3,5-Dimethylaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	3-Methylcholanthrene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	3-Methylphenol/4-Methylphenol	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	3-Nitroaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4,6-Dinitro-2-methylphenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Aminobiphenyl	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Bromophenyl phenyl ether	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Chloro-3-methylphenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Chloroaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Chlorophenyl phenyl ether	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	4-Methyl-2-pentanone (MIBK)	mg/L	4	ND	ND	0.0	NC	No	e

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	4-Nitroaniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Nitrophenol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	4-Nitroquinoline-N-oxide	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	5-Nitro-o-toluidine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	7,12-Dimethylbenz(a)-anthracene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Acenaphthene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Acenaphthylene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Acetone	mg/L	4	ND	0.009	0.0	0.115	No	e
SW8270	Acetophenone	mg/L	4	ND	ND	0.0	NC	No	e
SOP-427	Aniline	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Anthracene	mg/L	4	ND	ND	0.0	NC	No	a
SW7041	Antimony	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Aramite	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Benzene	mg/L	4	0.000	0.002	0.0	0.002	No	e
SW8270	Benzo(a)anthracene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Benzo(a)pyrene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Benzo(b)fluoranthene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Benzo(g,h,i)perylene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Benzo(k)fluoranthene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Benzyl alcohol	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Bromodichloromethane	mg/L	4	ND	ND	0.0	NC	No	e
SW8240	Bromoform	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Bromomethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Butylbenzylphthalate	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Carbon disulfide	mg/L	4	ND	ND	0.0	NC	No	e
SW8240	Carbon tetrachloride	mg/L	4	ND	ND	0.0	NC	No	a

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8240	Chlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Chloroethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Chloroform	mg/L	4	ND	0.000	25.0	NC	Yes	d
SW8240	Chloromethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Chrysene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Di-n-butylphthalate	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Di-n-octylphthalate	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Dibenz(a,h)anthracene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Dibenzofuran	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Dibromochloromethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Diethylphthalate	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	Dimethylphenethylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Dimethylphthalate	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Diphenylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Ethyl methanesulfonate	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Ethylbenzene	mg/L	4	ND	ND	0.0	0.001	No	e
SW8270	Fluoranthene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Fluorene	mg/L	4	ND	ND	0.0	NC	No	a
SOP-427	Furfuryl Alcohol	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorobutadiene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorocyclopentadiene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachloroethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachlorophene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Hexachloropropene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Indeno(1,2,3-cd)pyrene	mg/L	4	ND	ND	0.0	NC	No	a

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Isophorone	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Isosafrole	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Methapyriline	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Methyl ethyl ketone (2-Butanone)	mg/L	4	ND	ND	0.0	0.012	No	e
SW8270	Methyl methanesulfonate	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Methylene chloride	mg/L	4	0.001	0.002	0.0	0.002	No	e
SW8270	N-Nitroso-di-n-butylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitroso-di-n-propylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodiethylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosodimethylamine	mg/L	4	ND	0.009	25.0	NC	Yes	d
SW8270	N-Nitrosodiphenylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomethylethylamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosomorpholine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopiperidine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	N-Nitrosopyrrolidine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Naphthalene	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	Nitrobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Pentachlorobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Pentachloroethane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Pentachloronitrobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Pentachlorophenol	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	Phenacetin	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Phenanthrene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Phenol	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	Pronamide	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Pyrene	mg/L	4	ND	ND	0.0	NC	No	a

Table B.2-1
Risk Assessments - Groundwater Conclusions

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Groundwater METHOD=Organics ----------
(continued)

Analytical Method	Analyte	Units	N	Minimum	Maximum	Freq of Occ.(1)	UTL for Blank Data(2)	Chemical of Potential Concern?	Footnote
SW8270	Pyridine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	Safrole	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Styrene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Tetrachloroethene	mg/L	4	ND	0.009	25.0	NC	Yes	d
SOP-426	Tetrahydrofuran	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Toluene	mg/L	4	ND	0.000	0.0	0.004	No	e
SW8240	Total xylenes	mg/L	4	0.000	0.001	0.0	0.003	No	e
SW8240	Trichloroethene	mg/L	4	ND	0.001	25.0	NC	Yes	d
SW8240	Vinyl acetate	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	Vinyl chloride	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethoxy)methane	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroethyl) ether	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	bis(2-Chloroisopropyl)ether	mg/L	4	ND	ND	0.0	NC	No	e
SW8270	bis(2-Ethylhexyl)phthalate	mg/L	4	ND	ND	0.0	0.001	No	e
SW8240	cis-1,3-Dichloropropene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	o-Toluidine	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	p-Dimethylaminoazobenzene	mg/L	4	ND	ND	0.0	NC	No	a
SW8270	p-Phenylenediamine	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	trans-1,2-Dichloroethene	mg/L	4	ND	ND	0.0	NC	No	a
SW8240	trans-1,3-Dichloropropene	mg/L	4	ND	ND	0.0	NC	No	a

N = 151

Table B.2-1

Risk Assessments - Soil and Groundwater Conclusions

Footnotes

ND = Not detected
NC = Not calculated
UTL = Upper tolerance limit

a. No measureable results on site';
b. Average metal concentration on site significantly greater than average background metal concentration (alpha = 0.20).' ;
c. Average metal concentration on site not significantly greater than average background metal concentration (alpha = 0.20).' ;
d. Frequency of occurrence >= 5%.' ;
e. Frequency of occurrence < 5%.' ;

(1) An "occurrence" is a result > blank UTL if there is a blank UTL.
If no blank UTL exists then an "occurrence" is any measured result.

(2) UTL for blanks for Table 3 data (i.e., not 4 Sites data)

Table B.2-2
Site Comparisons to Background for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Subsurface Soils ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW6010	Aluminum	mg/kg	9/9	3106.667	6200.00	27/27	4761.259	11600.00	t-Test	0.0683	S	0.6170	8764.497	3	Yes	b
SW7060	Arsenic	mg/kg	32/60	0.116	8.24	27/27	1.014	2.60	t-Test	0.0258	S	0.2205	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.00	27/27	50.652	106.00	Wilcoxon	0.0279	S	0.3497	84.363	2	Yes	b
SW6010	Beryllium	mg/kg	8/9	0.132	0.40	19/27	0.299	0.62	Wilcoxon	0.0043	S	0.3172	0.400	6	Yes	b
SW6010	Cadmium	mg/kg	29/58	0.015	0.56	3/27	0.574	0.02	Wilcoxon	0.0001	S	0.3742	0.560	0	Yes	b
SW6010	Calcium	mg/kg	9/9	223333.333	250000.00	27/27	197888.889	244000.00	Wilcoxon	0.9637	NS	0.5174	250000.00	0	No	c
SW6010	Chromium	mg/kg	9/9	2.340	4.80	23/27	4.161	11.30	Wilcoxon	0.0611	S	0.3661	6.605	4	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.70	20/27	1.509	4.10	t-Test	0.0207	S	0.5332	2.485	4	Yes	b
SW6010	Copper	mg/kg	9/9	2.922	3.80	22/27	3.518	16.50	Wilcoxon	0.6529	NS	0.4528	4.844	6	No	c
SW6010	Iron	mg/kg	9/9	2275.556	4500.00	27/27	5066.296	15100.00	Wilcoxon	0.0102	S	0.3314	6361.651	8	Yes	b
SW7421	Lead	mg/kg	7/7	2.686	8.00	27/27	4.491	9.40	Wilcoxon	0.0778	S	0.3614	8.000	2	Yes	b
SW6010	Magnesium	mg/kg	9/9	5411.111	12000.00	27/27	3751.296	10200.00	Wilcoxon	0.9368	NS	0.5044	14656.213	0	No	c
SW6010	Manganese	mg/kg	9/9	46.167	120.00	27/27	99.681	268.00	Wilcoxon	0.0106	S	0.3321	146.910	6	Yes	b
SW7471	Mercury	mg/kg	0/37	-0.027	-0.01	3/27	0.045	-0.06	Wilcoxon	0.0001	S	0.3458	NC	NC	No	a
SW6010	Nickel	mg/kg	9/9	2.389	4.70	20/27	3.277	9.50	t-Test	0.0796	S	0.5833	5.612	6	Yes	b
SW6010	Potassium	mg/kg	9/9	917.889	1800.00	27/27	1292.963	3830.00	Wilcoxon	0.1808	S	0.3940	2501.387	2	Yes	b
SW7740	Selenium	mg/kg	26/62	-0.461	12.91	6/27	0.633	2.40	Wilcoxon	0.0198	S	0.4126	10.531	0	Yes	b
SW6010	Silver	mg/kg	20/59	-0.201	1.16	7/27	0.457	1.30	t-Test	0.0000	S	0.0594	0.734	4	Yes	b
SW6010	Sodium	mg/kg	9/9	1550.000	5000.00	26/27	830.106	1640.00	Wilcoxon	0.7992	NS	0.4728	5000.000	0	No	c
SW6010	Thallium	mg/kg	35/61	0.904	12.33	4/27	1.365	10.00	Wilcoxon	0.4140	NS	0.4323	11.315	0	No	c
SW6010	Vanadium	mg/kg	9/9	6.633	11.00	27/27	9.124	22.90	t-Test	0.1002	S	0.7062	15.460	4	Yes	b
SW6010	Zinc	mg/kg	9/9	6.724	15.00	27/27	15.100	48.80	Wilcoxon	0.0202	S	0.3435	20.246	7	Yes	b

N = 22

Table B.2-2
Site Comparisons to Background for SWMU 231

---------- RISKTYPE=Quantitative SWMU=231 DEPTH=Surface Soils ----------

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW6010	Aluminum	mg/kg	9/9	3106.667	6200.00	10/10	8571.000	14000.00	Wilcoxon	0.0034	S	0.3246	8764.497	3	Yes	b
SW7060	Arsenic	mg/kg	32/60	0.116	8.24	10/10	1.650	2.30	t-Test	0.0006	S	0.2124	6.883	0	Yes	b
SW6010	Barium	mg/kg	9/9	35.778	65.00	10/10	74.510	108.00	Wilcoxon	0.0056	S	0.3325	84.363	3	Yes	b
SW6010	Beryllium	mg/kg	8/9	0.132	0.40	10/10	0.492	0.95	Wilcoxon	0.0026	S	0.3211	0.400	7	Yes	b
SW6010	Cadmium	mg/kg	29/58	0.015	0.56	3/10	0.461	0.32	Wilcoxon	0.0017	S	0.4104	0.560	0	Yes	b
SW6010	Calcium	mg/kg	9/9	223333.333	250000.00	10/10	164850.000	209000.00	Wilcoxon	0.9977	NS	0.5572	250000.00	0	No	c
SW6010	Chromium	mg/kg	9/9	2.340	4.80	10/10	6.840	12.00	Wilcoxon	0.0029	S	0.3221	6.605	4	Yes	b
SW6010	Cobalt	mg/kg	9/9	0.916	1.70	10/10	3.110	5.60	Wilcoxon	0.0034	S	0.3247	2.485	6	Yes	b
SW6010	Copper	mg/kg	9/9	2.922	3.80	10/10	7.190	12.80	Wilcoxon	0.0031	S	0.3235	4.844	9	Yes	b
SW6010	Iron	mg/kg	9/9	2275.556	4500.00	10/10	7644.000	13200.00	Wilcoxon	0.0024	S	0.3196	6361.651	6	Yes	b
SW7421	Lead	mg/kg	7/7	2.686	8.00	10/10	3.326	9.80	Wilcoxon	0.6057	NS	0.4494	8.000	1	No	c
SW6010	Magnesium	mg/kg	9/9	5411.111	12000.00	10/10	7056.000	12300.00	t-Test	0.1073	S	0.7986	14656.213	0	Yes	b
SW6010	Manganese	mg/kg	9/9	46.167	120.00	10/10	182.300	345.00	Wilcoxon	0.0037	S	0.3260	146.910	4	Yes	b
SW7471	Mercury	mg/kg	0/37	-0.027	-0.01	3/10	0.033	-0.05	t-Test	0.0124	S	0.0397	NC	NC	No	a
SW6010	Nickel	mg/kg	9/9	2.389	4.70	10/10	5.670	10.80	Wilcoxon	0.0071	S	0.3365	5.612	3	Yes	b
SW6010	Potassium	mg/kg	9/9	917.889	1800.00	10/10	2638.000	4630.00	Wilcoxon	0.0029	S	0.3221	2501.387	3	Yes	b
SW7740	Selenium	mg/kg	26/62	-0.461	12.91	6/10	0.953	3.00	Wilcoxon	0.0583	S	0.4226	10.531	0	Yes	b
SW6010	Silver	mg/kg	20/59	-0.201	1.16	3/10	0.520	-0.36	t-Test	0.0135	S	0.1000	0.734	0	No	a
SW6010	Sodium	mg/kg	9/9	1550.000	5000.00	8/10	738.116	2120.00	Wilcoxon	0.9278	NS	0.4935	5000.000	0	No	c
SW6010	Thallium	mg/kg	35/61	0.904	12.33	3/10	2.310	14.00	Wilcoxon	0.1253	S	0.4257	11.315	1	Yes	b
SW6010	Vanadium	mg/kg	9/9	6.633	11.00	10/10	11.200	19.00	t-Test	0.0056	S	0.7856	15.460	1	Yes	b
SW6010	Zinc	mg/kg	9/9	6.724	15.00	10/10	23.470	40.10	Wilcoxon	0.0020	S	0.3170	20.246	4	Yes	b

N = 22

Table B.2-2
Site Comparisons to Background for SWMU 231

SWMU=231 Media=Groundwater

Analytical Method	Analyte	Units	Bkgrd Hits	Bkgrd Mean	Bkgrd Max	Site Hits	Site Mean	Site Max	Test Type	P-Val for Test	Test Concl	Test Power (1)	UTL for Bkgrd (2)	N > UTL for Bkgrd	Concl	Footnote
SW6010	Aluminum	mg/L	NA	NA	NA	4/4	0.760	1.60	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW7060	Arsenic	mg/L	14/14	-0.005	0.04	4/4	0.002	0.00	t-Test	0.1854	S	0.1629	0.072	0	Yes	b
SW6010	Barium	mg/L	14/14	0.1461	0.48	4/4	0.024	0.03	Wilcoxon	0.8852	NS	0.4475	0.480	0	No	c
SW6010	Calcium	mg/L	NA	NA	NA	4/4	891.000	952.00	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW6010	Chromium	mg/L	14/14	0.0267	0.096	1/4	0.012	0.01	Wilcoxon	0.0866	S	0.4322	0.096	0	Yes	b
SW6010	Cobalt	mg/L	74/74	0.0014	0.02	1/4	0.007	0.01	Wilcoxon	0.0709	S	0.4332	0.020	0	Yes	b
SW6010	Copper	mg/L	14/14	0.0145	0.03	3/4	0.067	0.14	Wilcoxon	0.0034	S	0.4259	0.039	2	Yes	b
SW6010	Iron	mg/L	NA	NA	NA	4/4	0.638	1.20	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW7421	Lead	mg/L	13/13	0.0012	0.012	1/4	0.005	0.01	Wilcoxon	0.0611	S	0.4323	0.020	0	Yes	b
SW6010	Magnesium	mg/L	NA	NA	NA	4/4	522.500	594.00	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW6010	Manganese	mg/L	NA	NA	NA	4/4	0.057	0.15	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW6010	Potassium	mg/L	NA	NA	NA	4/4	6.575	9.10	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW7740	Selenium	mg/L	12/12	0.0089	0.06	4/4	0.008	0.01	t-Test	0.5656	NS	0.2825	0.079	0	No	c
SW6010	Sodium	mg/L	NA	NA	NA	4/4	1580.000	1950.00	Wilcoxon	NC	NC	NC	NC	NC	Yes	d
SW6010	Vanadium	mg/L	14/14	0.0899	0.2	4/4	0.010	0.02	Wilcoxon	0.9969	NS	0.4650	0.200	0	No	c

N = 15

r SWMU 231
d Toxicity Screening

DEPTH=Groundwater METHOD=Organics ---------- ----------
ntinued)

N	Hits	Minimum	Maximum	Mean (a)	95% UCL (a,b)
4	1	ND	0.0088	0.0032	0.0077
4	1	ND	0.0006	0.0005	0.0006

N = 4

Attachment B.3

Raw Data for Risk-Based Screen and Risk Assessment for O/WS SWMUs

RISK_GRP=1 Method=E418.1 Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02-01	20OCT94	1880.00	1880.00	321.0		DET	mg/kg
94-01-SO-02-02	20OCT94	32.60	32.60	40.9		DET	mg/kg
94-01-SO-02B-01	01DEC94	3440.00	3440.00	1420.0		DET	mg/kg
94-01-SO-02B-02	01DEC94	197.00	197.00	38.3		DET	mg/kg
94-01-SO-02B-03	02DEC94	3.10	3.10	39.7		DET	mg/kg
94-01-SO-03-02	20DCT94	-2.77	-2.77	41.6		DET	mg/kg
94-01-SO-04-01	20OCT94	2100.00	2100.00	630.0		DET	mg/kg
94-01-SO-04-02	20DCT94	-19.70	-19.70	42.2		DET	mg/kg
94-01-SO-11-01	06NOV94	602.00	602.00	331.0		DET	mg/kg
94-01-SO-11-02	06NOV94	18.70	18.70	41.8		DET	mg/kg
94-01-SO-13-01	06NOV94	192.00	192.00	72.6		DET	mg/kg
94-01-SO-14-03	06NOV94	22.80	22.80	39.9		DET	mg/kg
94-01-SO-15-01	07NOV94	1890.00	1890.00	679.0		DET	mg/kg
94-01-SO-21-01	01DEC94	6900.00	6900.00	1660.0		DET	mg/kg
94-01-SO-23-01	01DEC94	274.00	274.00	67.7		DET	mg/kg
94-01-SO-26-01	03DEC94	6800.00	6800.00	1450.0		DET	mg/kg

N = 16

RISK_GRP=1 Method=E418.1M Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-01-01	20OCT94	5270.0	5270.0	125		DET	mg/kg
94-01-SO-01-02	20OCT94	18.9	18.9	5		DET	mg/kg
94-01-SO-02-01	20OCT94	660.0	660.0	50		DET	mg/kg
94-01-SO-02-02	20OCT94	6.0	6.0	5		DET	mg/kg
94-01-SO-02-02C	07NOV94	-5.0	-5.0	5		DET	mg/kg
94-01-SO-02-03	20DCT94	78.9	78.9	5		DET	mg/kg
94-01-SO-03-01	20OCT94	2990.0	2990.0	125		DET	mg/kg
94-01-SO-03-02	20OCT94	9.5	9.5	5		DET	mg/kg
94-01-SO-03-04	20OCT94	7.4	7.4	5		DET	mg/kg
94-01-SO-04-01	20OCT94	2280.0	2280.0	50		DET	mg/kg
94-01-SO-04-02	20OCT94	8.7	8.7	5		DET	mg/kg
94-01-SO-05-01	21OCT94	2930.0	2930.0	50		DET	mg/kg
94-01-SO-05-02	21OCT94	14.6	14.6	5		DET	mg/kg
94-01-SO-05B-01	01DEC94	32.4	32.4	5		DET	mg/kg
94-01-SO-05B-02	01DEC94	13.0	13.0	5		DET	mg/kg
94-01-SO-06-01	21OCT94	461.0	461.0	5		DET	mg/kg
94-01-SO-06-02	21DCT94	7.7	7.7	5		DET	mg/kg
94-01-SO-07-01	21OCT94	2510.0	2510.0	125		DET	mg/kg
94-01-SO-07-02	21OCT94	7.6	7.6	5		DET	mg/kg
94-01-SO-08-01	05NOV94	-1.9	-1.9	5		DET	mg/kg
94-01-SO-08-02	05NOV94	77.7	77.7	5		DET	mg/kg
94-01-SO-09-01	06NOV94	4810.0	4810.0	50	>	DET	mg/kg

RISK_GRP=1 Method=E418.1M Analyte=TRPH (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-09-02	06NOV94	0.0	0.0	5		DET	mg/kg
94-01-SO-10-01	06NOV94	4720.0	4720.0	50	>	DET	mg/kg
94-01-SO-10-02	06NOV94	851.0	851.0	25		DET	mg/kg
94-01-SO-10-03	06NOV94	6.8	6.8	5		DET	mg/kg
94-01-SO-11-01	06NOV94	1330.0	1330.0	50		DET	mg/kg
94-01-SD-11-02	06NOV94	-1.0	-1.0	5		DET	mg/kg
94-01-SO-12-01	06NOV94	710.0	710.0	10		DET	mg/kg
94-01-SO-12-02	06NOV94	0.9	0.9	5		DET	mg/kg
94-01-SO-13-01	06NOV94	302.0	302.0	5		DET	mg/kg
94-01-SO-14-01	06NOV94	778.0	778.0	25		DET	mg/kg
94-01-SO-14-02	06NOV94	-4.6	-4.6	5		DET	mg/kg
94-01-SO-14-03	06NOV94	-0.9	-0.9	5		DET	mg/kg
94-01-SO-15-01	07NOV94	1190.0	1190.0	50		DET	mg/kg
94-01-SO-15-02	07NOV94	-1.0	-1.0	5		DET	mg/kg
94-01-SO-16-01	07NOV94	461.0	461.0	10		DET	mg/kg
94-01-SO-17-01	07NOV94	34.8	34.8	5		DET	mg/kg
94-01-SO-18-01	07NOV94	3.8	3.8	5		DET	mg/kg
94-01-SO-19-01	01DEC94	3940.0	3940.0	50		DET	mg/kg
94-01-SO-19-02	01DEC94	12.8	12.8	5		DET	mg/kg
94-01-SO-20-01	01DEC94	2200.0	2200.0	50		DET	mg/kg
94-01-SO-20-02	01DEC94	5200.0	5200.0	125		DET	mg/kg
94-01-SO-21-01	01DEC94	4010.0	4010.0	125		DET	mg/kg
94-01-SO-21-02	01DEC94	131.0	131.0	5		DET	mg/kg
94-01-SO-22-01	01DEC94	1770.0	1770.0	50		DET	mg/kg
94-01-SO-22-02	01DEC94	4.9	4.9	5		DET	mg/kg
94-01-SO-23-01	01DEC94	13.0	13.0	5		DET	mg/kg
94-01-SO-23-02	01DEC94	4.0	4.0	5		DET	mg/kg
94-01-SO-24-01	01DEC94	45.8	45.8	5		DET	mg/kg
94-01-SO-24-02	01DEC94	5.9	5.9	5		DET	mg/kg
94-01-SO-25-01	03DEC94	3280.0	3280.0	50		DET	mg/kg
94-01-SO-26-01	03DEC94	2080.0	2080.0	50		DET	mg/kg
94-01-SO-26-02	03DEC94	7.4	7.4	5		DET	mg/kg
94-01-SO-26-03	03DEC94	7.3	7.3	5		DET	mg/kg
94-01-SO-27-01	03DEC94	527.0	527.0	50		DET	mg/kg
94-01-SO-27-02	03DEC94	16.3	16.3	5		DET	mg/kg
94-01-SO-27-03	03DEC94	3.9	3.9	5		DET	mg/kg

N = 58

RISK_GRP=1 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	26.6	26.6	1.19		DET	mg/kg

---------- RISK_GRP=1 Method=SW6010 Analyte=Barium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-02	01DEC94	8.31	8.31	1.28		DET	mg/kg
94-01-SO-02B-03	02DEC94	2.16	2.16	1.32		DET	mg/kg
94-01-SO-11-01	06NOV94	24.00	24.00	1.10		DET	mg/kg
94-01-SO-11-02	06NOV94	4.80	4.80	1.39		DET	mg/kg
94-01-SO-13-01	06NOV94	18.30	18.30	1.21		DET	mg/kg
94-01-SO-14-03	06NOV94	13.30	13.30	1.33		DET	mg/kg
94-01-SO-15-01	07NOV94	27.80	27.80	1.13		DET	mg/kg
94-01-SO-21-01	01DEC94	23.90	23.90	1.38		DET	mg/kg
94-01-SO-23-01	01DEC94	33.30	33.30	1.13		DET	mg/kg
94-01-SO-26-01	03DEC94	20.60	20.60	1.21		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.07240	0.07240	0.238		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.02810	0.02810	0.255		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.01850	0.01850	0.264		DET	mg/kg
94-01-SO-11-01	06NOV94	0.16000	0.16000	0.220		DET	mg/kg
94-01-SO-11-02	06NOV94	0.00976	0.00976	0.279		DET	mg/kg
94-01-SO-13-01	06NOV94	0.09440	0.09440	0.242		DET	mg/kg
94-01-SO-14-03	06NOV94	0.07460	0.07460	0.266		DET	mg/kg
94-01-SO-15-01	07NOV94	0.13300	0.13300	0.226		DET	mg/kg
94-01-SO-21-01	01DEC94	0.16800	0.16800	0.276		DET	mg/kg
94-01-SO-23-01	01DEC94	0.35900	0.35900	0.226		DET	mg/kg
94-01-SO-26-01	03DEC94	0.07240	0.07240	0.241		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.23300	0.23300	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.00255	0.00255	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.02380	0.02380	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	0.08600	0.08600	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	0.01530	0.01530	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	0.12300	0.12300	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.00932	0.00932	0.666		DET	mg/kg

---------- RISK_GRP=1 Method=SW6010 Analyte=Cadmium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-15-01	07NOV94	0.1190	0.1190	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	0.1120	0.1120	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.1350	0.1350	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	0.0374	0.0374	0.603		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	3.420	3.420	1.19		DET	mg/kg
94-01-SO-02B-02	01DEC94	1.720	1.720	1.28		DET	mg/kg
94-01-SO-02B-03	02DEC94	3.540	3.540	1.32		DET	mg/kg
94-01-SO-11-01	06NOV94	3.360	3.360	1.10		DET	mg/kg
94-01-SO-11-02	06NOV94	0.431	0.431	1.39		DET	mg/kg
94-01-SO-13-01	06NOV94	3.320	3.320	1.21		DET	mg/kg
94-01-SO-14-03	06NOV94	2.880	2.880	1.33		DET	mg/kg
94-01-SO-15-01	07NOV94	4.100	4.100	1.13		DET	mg/kg
94-01-SO-21-01	01DEC94	3.750	3.750	1.38		DET	mg/kg
94-01-SO-23-01	01DEC94	7.470	7.470	1.13		DET	mg/kg
94-01-SO-26-01	03DEC94	2.690	2.690	1.21		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	1.0600	1.0600	1.19		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.3780	0.3780	1.28		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.0317	0.0317	1.32		DET	mg/kg
94-01-SO-11-01	06NOV94	1.0900	1.0900	1.10		DET	mg/kg
94-01-SO-11-02	06NOV94	0.3180	0.3180	1.39		DET	mg/kg
94-01-SO-13-01	06NOV94	0.7370	0.7370	1.21		DET	mg/kg
94-01-SO-14-03	06NOV94	0.5140	0.5140	1.33		DET	mg/kg
94-01-SO-15-01	07NOV94	1.2700	1.2700	1.13		DET	mg/kg
94-01-SO-21-01	01DEC94	0.9600	0.9600	1.38		DET	mg/kg
94-01-SO-23-01	01DEC94	2.4500	2.4500	1.13		DET	mg/kg
94-01-SO-26-01	03DEC94	0.8010	0.8010	1.21		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	3.7300	3.7300	2.38		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.2680	0.2680	2.55		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.0304	0.0304	2.64		DET	mg/kg
94-01-SO-11-01	06NOV94	3.2700	3.2700	2.20		DET	mg/kg
94-01-SO-11-02	06NOV94	0.4560	0.4560	1.39		DET	mg/kg
94-01-SO-13-01	06NOV94	2.2600	2.2600	2.42		DET	mg/kg
94-01-SO-14-03	06NOV94	0.4290	0.4290	2.66		DET	mg/kg
94-01-SO-15-01	07NOV94	2.1000	2.1000	2.26		DET	mg/kg
94-01-SO-21-01	01DEC94	1.6700	1.6700	2.76		DET	mg/kg
94-01-SO-23-01	01DEC94	5.3600	5.3600	2.26		DET	mg/kg
94-01-SO-26-01	03DEC94	2.2800	2.2800	2.41		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.0368	0.0368	1.19		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.1260	0.1260	1.28		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.4630	0.4630	1.32		DET	mg/kg
94-01-SO-11-01	06NOV94	0.0232	0.0232	1.10		DET	mg/kg
94-01-SO-11-02	06NOV94	0.0279	0.0279	1.39		DET	mg/kg
94-01-SO-13-01	06NOV94	0.0266	0.0266	1.21		DET	mg/kg
94-01-SO-14-03	06NOV94	0.0213	0.0213	1.33		DET	mg/kg
94-01-SO-15-01	07NOV94	0.0351	0.0351	1.13		DET	mg/kg
94-01-SO-21-01	01DEC94	0.0496	0.0496	1.38		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0395	0.0395	1.13		DET	mg/kg
94-01-SO-26-01	03DEC94	-0.0338	-0.0338	1.21		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	6.24	6.24	2.38		DET	mg/kg
94-01-SO-02B-02	01DEC94	3.24	3.24	2.55		DET	mg/kg
94-01-SO-02B-03	02DEC94	2.71	2.71	2.64		DET	mg/kg
94-01-SO-11-01	06NOV94	4.70	4.70	2.20		DET	mg/kg
94-01-SO-11-02	06NOV94	1.27	1.27	2.79		DET	mg/kg
94-01-SO-13-01	06NOV94	4.20	4.20	2.42		DET	mg/kg
94-01-SO-14-03	06NOV94	6.47	6.47	2.66		DET	mg/kg

---------- RISK_GRP=1 Method=SW6010 Analyte=Vanadium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-15-01	07NOV94	6.56	6.56	2.26		DET	mg/kg
94-01-SO-21-01	01DEC94	6.54	6.54	2.76		DET	mg/kg
94-01-SO-23-01	01DEC94	8.76	8.76	2.26		DET	mg/kg
94-01-SO-26-01	03DEC94	7.26	7.26	2.41		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	22.40	22.40	2.38		DET	mg/kg
94-01-SO-02B-02	01DEC94	2.96	2.96	2.55		DET	mg/kg
94-01-SO-02B-03	02DEC94	1.92	1.92	2.64		DET	mg/kg
94-01-SO-11-01	06NOV94	12.80	12.80	2.20		DET	mg/kg
94-01-SO-11-02	06NOV94	1.12	1.12	2.79		DET	mg/kg
94-01-SO-13-01	06NOV94	15.40	15.40	2.42		DET	mg/kg
94-01-SO-14-03	06NOV94	6.07	6.07	2.66		DET	mg/kg
94-01-SO-15-01	07NOV94	12.70	12.70	2.26		DET	mg/kg
94-01-SO-21-01	01DEC94	15.60	15.60	2.76		DET	mg/kg
94-01-SO-23-01	01DEC94	39.30	39.30	2.26		DET	mg/kg
94-01-SO-26-01	03DEC94	8.55	8.55	2.41		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	-0.2840	-0.2840	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	-0.1510	-0.1510	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	-1.7800	-1.7800	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	0.2540	0.2540	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	0.2090	0.2090	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	-0.9200	-0.9200	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	1.6600	1.6600	0.666		DET	mg/kg
94-01-SO-15-01	07NOV94	1.1400	1.1400	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	0.1010	0.1010	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0237	0.0237	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	-3.0900	-3.0900	0.603		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW7060 Analyte=Arsenic

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	1.1800	1.1800	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.5490	0.5490	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.7800	0.7800	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	1.1000	1.1000	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	-1.0000	-1.0000	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	0.4360	0.4360	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.0533	0.0533	0.666		DET	mg/kg
94-01-SO-15-01	07NOV94	1.5500	1.5500	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	1.2100	1.2100	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	1.5700	1.5700	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	0.8560	0.8560	0.603		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW7421 Analyte=Lead

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	8.2800	8.2800	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.1440	0.1440	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.5950	0.5950	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	6.1700	6.1700	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	0.0558	0.0558	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	5.7900	5.7900	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.9050	0.9050	0.666		DET	mg/kg
94-01-SO-15-01	07NOV94	3.4000	3.4000	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	2.4800	2.4800	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	18.0000	18.0000	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	5.48D0	5.4800	0.603		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW7471 Analyte=Mercury

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.03320	0.03320	0.0238		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.00000	0.00000	0.0255		DET	mg/kg
94-01-SO-02B-03	02DEC94	D.00661	0.00661	0.0264		DET	mg/kg
94-01-SO-11-01	06NOV94	0.00950	0.00950	0.0220		DET	mg/kg
94-01-SO-11-02	06NOV94	0.01200	0.01200	0.0279		DET	mg/kg
94-01-SO-13-01	06NOV94	2.37000	2.37000	0.0242		DET	mg/kg
94-01-SO-14-03	06NOV94	0.01100	0.01100	0.0266		DET	mg/kg

RISK_GRP=1 Method=SW7471 Analyte=Mercury (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-15-01	07NOV94	0.0218	0.0218	0.0226		DET	mg/kg
94-01-SO-21-01	01DEC94	0.0069	0.0069	0.0276		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0102	0.0102	0.0226		DET	mg/kg
94-01-SO-26-01	03DEC94	0.0108	0.0108	0.0241		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW7740 Analyte=Selenium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	-0.1780	-0.1780	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	-0.1020	-0.1020	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	-0.4230	-0.4230	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	0.0772	0.0772	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	0.2230	0.2230	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	0.2300	0.2300	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.4660	0.4660	0.666		DET	mg/kg
94-01-SO-15-01	07NOV94	0.6220	0.6220	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	0.0414	0.0414	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0451	0.0451	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	0.0724	0.0724	0.603		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW7841 Analyte=Thallium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.4870	0.4870	0.594		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.6770	0.6770	0.638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.5690	0.5690	0.661		DET	mg/kg
94-01-SO-11-01	06NOV94	0.0110	0.0110	0.551		DET	mg/kg
94-01-SO-11-02	06NOV94	0.2930	0.2930	0.697		DET	mg/kg
94-01-SO-13-01	06NOV94	0.3870	0.3870	0.605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.5190	0.5190	0.666		DET	mg/kg
94-01-SO-15-01	07NOV94	0.0339	0.0339	0.566		DET	mg/kg
94-01-SO-21-01	01DEC94	0.1790	0.1790	0.690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.2930	0.2930	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	-0.1930	-0.1930	0.603		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00452	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00170	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00370	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00313	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00371	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00378	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00356	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00245	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00032	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.35220	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00228	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00221	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00077	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00513	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00110	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00191	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00358	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00211	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00499	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.26307	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	.0017602	.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	.0004870	.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	.0014787	.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	.0019433	.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	.0002497	.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	.0041651	.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	.0051287	.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	.0013323	.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	.0050978	.00564	<	ND	mg/kg

---------- RISK_GRP=1 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-26-01	03DEC94	.	0.34188	1.51	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00367	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.00344	0.00344	0.00661		DET	mg/kg
94-01-SO-11-01	06NOV94	.	0.00105	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00228	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00582	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00196	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.00192	0.00192	0.00566		DET	mg/kg
94-01-SO-21-01	01DEC94	.	0.00374	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00253	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.05135	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.01150	0.01150	0.119		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.00409	0.00409	0.128		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.00503	0.00503	0.132		DET	mg/kg
94-01-SO-11-01	06NOV94	.	0.10043	0.110	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.07405	0.139	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00636	0.121	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00018	0.133	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.03641	0.113	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.00676	0.00676	0.138		DET	mg/kg
94-01-SO-23-01	01DEC94	0.01070	0.01070	0.113		DET	mg/kg
94-01-SO-26-01	03DEC94	0.69400	0.69400	30.200		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00192	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00120	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00335	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00505	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00144	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00255	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00248	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00635	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00116	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.83319	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.2760	0.27600	0.119		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.0272	0.02720	0.128		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.1250	0.12500	0.132		DET	mg/kg
94-01-SO-11-01	06NOV94	0.0721	0.07210	0.110		DET	mg/kg
94-01-SO-11-02	06NOV94	.	0.13760	0.139	<	ND	mg/kg
94-01-SO-13-01	06NOV94	0.1380	0.13800	0.121		DET	mg/kg
94-01-SO-14-03	06NOV94	0.1860	0.18600	0.133		DET	mg/kg
94-01-SO-15-01	07NOV94	0.0364	0.03640	0.113		DET	mg/kg
94-01-SO-21-01	01DEC94	0.1720	0.17200	0.138		DET	mg/kg
94-01-SO-23-01	01DEC94	0.7350	0.73500	0.564		DET	mg/kg
94-01-SO-26-01	03DEC94	2.9300	2.93000	30.200		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	.0056130	.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	.0060523	.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.00287	.0028700	.00551		DET	mg/kg
94-01-SO-11-02	06NOV94	.	.0004962	.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	.0037680	.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	.0005808	.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	.0021791	.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.00152	.0015200	.00690		DET	mg/kg

---------- RISK_GRP=1 Method=SW8260 Analyte=Benzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-23-01	01DEC94	.	0.00249	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.45713	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00179	0.00594	<	ND	mg/kg
94-01-SO-02B-02	01DEC94	0.00409	0.00409	0.00638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.00873	0.00873	0.00661		DET	mg/kg
94-01-SO-11-01	06NOV94	.	0.00301	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00314	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00107	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00345	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00503	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00660	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00465	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	0.84400	0.84400	1.51000		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00365	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00503	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00233	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00113	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00329	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00231	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00126	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00108	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00108	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.40944	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00256	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00578	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00406	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00527	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00566	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00165	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00497	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.004	0.00400	0.00690		DET	mg/kg
94-01-SO-23-01	01DEC94	.	0.00180	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	7.580	7.58000	1.51000		DET	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.0135	0.0135	0.0238		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.0105	0.0105	0.0255		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.0147	0.0147	0.0264		DET	mg/kg
94-01-SO-11-01	06NOV94	0.0197	0.0197	0.0220		DET	mg/kg
94-01-SO-11-02	06NOV94	0.0116	0.0116	0.0279		DET	mg/kg
94-01-SO-13-01	06NOV94	0.0243	0.0243	0.0242		DET	mg/kg
94-01-SO-14-03	06NOV94	0.0313	0.0313	0.0266		DET	mg/kg
94-01-SO-15-01	07NOV94	0.0126	0.0126	0.0226		DET	mg/kg
94-01-SO-21-01	01DEC94	0.0132	0.0132	0.0276		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0104	0.0104	0.0226		DET	mg/kg
94-01-SO-26-01	03DEC94	4.1600	4.1600	6.0300		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	.0016292	.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	.0011684	.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	.0045650	.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	.0036720	.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	.0014028	.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	.0005408	.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	.0030154	.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	.0062949	.00690	<	ND	mg/kg

---------- RISK_GRP=1 Method=SW8260 Analyte=Tetrachloroethene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-23-01	01DEC94	.	0.00033	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.36013	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.00297	0.00297	0.00594		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.00281	0.00281	0.00638		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.00251	0.00251	0.00661		DET	mg/kg
94-01-SO-11-01	06NOV94	0.01910	0.01910	0.00551		DET	mg/kg
94-01-SO-11-02	06NOV94	.	0.00424	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	0.00508	0.00508	0.00605		DET	mg/kg
94-01-SO-14-03	06NOV94	0.00320	0.00320	0.00666		DET	mg/kg
94-01-SO-15-01	07NOV94	0.00747	0.00747	0.00566		DET	mg/kg
94-01-SO-21-01	01DEC94	0.01420	0.01420	0.00690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.00440	0.00440	0.00564		DET	mg/kg
94-01-SO-26-01	03DEC94	8.12000	8.12000	1.51000		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.0001	0.00594	<	ND	mg/kg
94-01-SO-02B-02	01DEC94	.	0.0009	0.00638	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.0031	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.0016	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.0050	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.0008	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.0002	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.0004	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.0212	0.0212	0.00690		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0042	0.0042	0.00564		DET	mg/kg
94-01-SO-26-01	03DEC94	31.6000	31.6000	1.51000		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00340	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00607	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00260	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00636	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00598	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00636	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00515	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00546	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00290	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.08798	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.04113	0.0594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.00714	0.00714	0.0661		DET	mg/kg
94-01-SO-11-01	06NOV94	.	0.02258	0.0551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.03222	0.0697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00938	0.0605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.02641	0.0666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.02920	0.0566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.05161	0.0690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.03948	0.0564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	9.01180	15.1000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	.0027664	.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	.0033968	.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	.0018217	.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	.0002040	.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	.0053535	.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	.0023562	.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	.0038761	.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	.0060872	.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	.0047815	.00564	<	ND	mg/kg

---------- RISK_GRP=1 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-26-01	03DEC94	.	1.37717	1.51	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00243	0.00594	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00485	0.00661	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.00512	0.00551	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00462	0.00697	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.00040	0.00605	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00126	0.00666	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00224	0.00566	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00060	0.00690	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.00291	0.00564	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	1.16440	1.51000	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.17821	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.10706	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.12368	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.05559	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.12520	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.07530	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.30442	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.04680	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.35608	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.35223	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.56424	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.40367	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.05295	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.17562	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.18020	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.26785	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.07878	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.43173	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.02580	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.31637	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.03357	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.35270	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.31670	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.04592	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.14586	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.06133	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00237	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.43742	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.32568	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	0.434	0.43400	0.398		DET	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.14374	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.13611	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.11433	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.27534	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.02693	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.18527	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.00997	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.56540	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.22272	0.372	<	ND	mg/kg

---------- RISK_GRP=1 Method=SW8270 Analyte=2-Methylphenol ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-26-01	03DEC94	.	0.17270	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.45288	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.30767	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.22347	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.41610	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.37650	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.22421	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.24609	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.63343	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.21501	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.17755	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.77928	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.14044	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.06004	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.29212	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.17839	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.11026	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.02736	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.06091	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.03518	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.39297	0.398	<	ND	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Chrysene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.58957	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00642	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.23756	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.43496	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.09539	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.12909	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.33948	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.44323	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.04672	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	0.215	0.21500	0.398		DET	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Dibenzofuran

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.14352	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.00339	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.23996	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.12518	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.39437	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.23350	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.19363	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.07891	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.25444	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	0.0517	0.05170	0.398		DET	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Diethylphthalate

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.37334	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.22086	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.21081	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.37694	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.35977	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.32859	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.06397	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.57612	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.07535	0.372	<	ND	mg/kg

RISK_GRP=1 Method=SW8270 Analyte=Diethylphthalate (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-26-01	03DEC94	.	0.36887	0.398	<	ND	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Dimethylphthalate

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.73208	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.41392	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.08487	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.29699	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.19575	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.00227	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.20057	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.26711	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.11957	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.27945	0.398	<	ND	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Fluoranthene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.07460	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.26724	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.04822	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.25109	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.17693	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.09922	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.12587	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.26681	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	0.0819	0.08190	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	.	0.35662	0.398	<	ND	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Fluorene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.61276	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.01597	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.07763	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.32675	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.28597	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.22911	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.09470	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.37564	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.30378	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.28906	0.398	<	ND	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Naphthalene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.54367	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.36447	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.08661	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.25078	0.460	<	ND	mg/kg
94-01-SO-13-01	D6NOV94	.	0.16665	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.21301	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.02138	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.05188	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	0.067	0.06700	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	0.259	0.25900	0.398		DET	mg/kg

N = 10

RISK_GRP=1 Method=SW8270 Analyte=Phenanthrene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.00913	0.784	<	ND	mg/kg
94-01-SO-02B-02	01DEC94	.	0.03521	0.421	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.33320	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.11194	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.28229	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.17973	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.31275	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.17736	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.108	0.10800	0.637		DET	mg/kg

RISK_GRP=1 Method=SW8270 Analyte=Phenanthrene (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-23-01	01DEC94	0.067	0.067	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	0.140	0.140	0.398		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW8270 Analyte=Pyrene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.2590	0.25900	0.784		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.1260	0.12600	0.421		DET	mg/kg
94-01-SO-02B-03	02DEC94	.	0.17529	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.08091	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.08112	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.30341	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.06258	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.12122	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.1020	0.10200	0.637		DET	mg/kg
94-01-SO-23-01	01DEC94	0.7790	0.77900	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	0.0995	0.09950	0.398		DET	mg/kg

N = 11

RISK_GRP=1 Method=SW8270 Analyte=benzo(a)anthracene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.56640	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.29214	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.33982	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.19749	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.21533	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.09052	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.26948	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.03125	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.28085	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	0.0876	0.08760	0.398		DET	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.1140	0.11400	0.784		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.0927	0.09270	0.421		DET	mg/kg
94-01-SO-02B-03	02DEC94	.	0.03347	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.04122	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.41439	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.32399	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.11590	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.12991	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.20338	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	0.2160	0.21600	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	.	0.32647	0.398	<	ND	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.65171	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.33794	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.33335	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.06621	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.12001	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.41823	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.30216	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.27701	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	.	0.17032	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.32350	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=1 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.09455	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.23101	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.22260	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.00911	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.03827	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.40577	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.34274	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.00739	0.637	<	ND	mg/kg

---------- RISK_GRP=1 Method=SW8270 Analyte=benzo(k)fluoranthene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-23-01	01DEC94	.	0.22404	0.372	<	ND	mg/kg
94-01-SO-26-01	03DEC94	.	0.11608	0.398	<	ND	mg/kg

N = 10

--------- RISK_GRP=1 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.1530	0.15300	0.784		DET	mg/kg
94-01-SO-02B-02	01DEC94	.	0.40905	0.421	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.03937	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.13346	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.21326	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	0.0799	0.07990	0.400		DET	mg/kg
94-01-SO-14-03	06NOV94	.	0.26884	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.10801	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	0.2550	0.25500	0.637		DET	mg/kg
94-01-SO-23-01	01DEC94	0.1640	0.16400	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	.	0.14554	0.398	<	ND	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	0.0941	0.0941	0.784		DET	mg/kg
94-01-SO-02B-02	01DEC94	0.0506	0.0506	0.421		DET	mg/kg
94-01-SO-02B-03	02DEC94	0.3800	0.3800	0.436		DET	mg/kg
94-01-SO-11-01	06NOV94	0.3350	0.3350	0.364		DET	mg/kg
94-01-SO-11-02	06NOV94	0.3580	0.3580	0.460		DET	mg/kg
94-01-SO-13-01	06NOV94	0.2950	0.2950	0.400		DET	mg/kg
94-01-SO-14-03	06NOV94	0.3860	0.3860	0.439		DET	mg/kg
94-01-SO-15-01	07NOV94	0.1350	0.1350	0.373		DET	mg/kg
94-01-SO-21-01	01DEC94	0.0701	0.0701	0.637		DET	mg/kg
94-01-SO-23-01	01DEC94	0.0596	0.0596	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	0.2110	0.2110	0.398		DET	mg/kg

N = 11

---------- RISK_GRP=1 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-01-SO-02B-01	01DEC94	.	0.76933	0.784	<	ND	mg/kg
94-01-SO-02B-03	02DEC94	.	0.18989	0.436	<	ND	mg/kg
94-01-SO-11-01	06NOV94	.	0.15650	0.364	<	ND	mg/kg
94-01-SO-11-02	06NOV94	.	0.03332	0.460	<	ND	mg/kg
94-01-SO-13-01	06NOV94	.	0.35972	0.400	<	ND	mg/kg
94-01-SO-14-03	06NOV94	.	0.31775	0.439	<	ND	mg/kg
94-01-SO-15-01	07NOV94	.	0.02054	0.373	<	ND	mg/kg
94-01-SO-21-01	01DEC94	.	0.43812	0.637	<	ND	mg/kg
94-01-SO-23-01	01DEC94	0.201	0.20100	0.372		DET	mg/kg
94-01-SO-26-01	03DEC94	.	0.26332	0.398	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	152.0	152.0	76.7		DET	mg/kg
94-11-SO-04B-01	30NOV94	625.0	625.0	132.0		DET	mg/kg
94-11-SO-05-01	30NOV94	91.3	91.3	32.9		DET	mg/kg
94-11-SO-05-03	30NOV94	39.8	39.8	39.2		DET	mg/kg
94-11-SO-07-01	01DEC94	77.6	77.6	40.9		DET	mg/kg
94-11-SO-10-01	01DEC94	1750.0	1750.0	733.0		DET	mg/kg
94-11-SO-11-01	03DEC94	17.6	17.6	43.4		DET	mg/kg
94-11-SO-15-01	07DEC94	338.0	338.0	69.4		DET	mg/kg
94-11-SO-16-01	07DEC94	31.6	31.6	30.9		DET	mg/kg
94-11-SO-20B-01	17DEC94	1160.0	1160.0	540.0		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-01-01	21OCT94	46.8	46.8	5		DET	mg/kg
94-11-SO-01-02	21OCT94	9.7	9.7	5		DET	mg/kg
94-11-SO-01-03	21OCT94	112.0	112.0	5		DET	mg/kg
94-11-SO-02-01	21OCT94	32.4	32.4	5		DET	mg/kg
94-11-SO-02-02	21OCT94	167.0	167.0	5		DET	mg/kg
94-11-SO-02B-02	30NOV94	3.0	3.0	5		DET	mg/kg
94-11-SO-03-01	22OCT94	32.2	32.2	5		DET	mg/kg
94-11-SO-03-02	22OCT94	75.2	75.2	5		DET	mg/kg
94-11-SO-03-03	22OCT94	0.9	0.9	5		DET	mg/kg

---------- RISK_GRP=11 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04-01	22OCT94	2200.0	2200.0	50		DET	mg/kg
94-11-SO-04-02	22OCT94	257.0	257.0	5		DET	mg/kg
94-11-SO-04-03	22OCT94	13.3	13.3	5		DET	mg/kg
94-11-SO-05-01	30NOV94	47.0	47.0	5		DET	mg/kg
94-11-SO-05-02	30NOV94	8.9	8.9	5		DET	mg/kg
94-11-SO-05-03	30NOV94	4.0	4.0	5		DET	mg/kg
94-11-SO-06-01	30NOV94	3.9	3.9	5		DET	mg/kg
94-11-SO-06-02	30NOV94	5.0	5.0	5		DET	mg/kg
94-11-SO-07-01	01DEC94	3.8	3.8	5		DET	mg/kg
94-11-SO-08-01	01DEC94	103.0	103.0	5		DET	mg/kg
94-11-SO-08-02	01DEC94	3.0	3.0	5		DET	mg/kg
94-11-SO-09-01	01DEC94	3820.0	3820.0	50		DET	mg/kg
94-11-SO-09-02	01DEC94	1900.0	1900.0	125		DET	mg/kg
94-11-SO-09-03	01DEC94	5.0	5.0	5		DET	mg/kg
94-11-SO-10-01	01DEC94	1910.0	1910.0	50		DET	mg/kg
94-11-SO-10-02	01DEC94	8.7	8.7	5		DET	mg/kg
94-11-SO-10-03	01DEC94	6.0	6.0	5		DET	mg/kg
94-11-SO-11-01	03DEC94	4.7	4.7	5		DET	mg/kg
94-11-SO-11-02	03DEC94	5.9	5.9	5		DET	mg/kg
94-11-SO-12-01	03DEC94	126.0	126.0	5		DET	mg/kg
94-11-SO-12-02	03DEC94	1.0	1.0	5		DET	mg/kg
94-11-SO-13-01	03DEC94	219.0	219.0	5		DET	mg/kg
94-11-SO-13-02	03DEC94	9.9	9.9	5		DET	mg/kg
94-11-SO-14-01	07DEC94	29.7	29.7	5		DET	mg/kg
94-11-SO-14-02	07DEC94	6.9	6.9	5		DET	mg/kg
94-11-SO-14B-01	12DEC94	497.0	497.0	5		DET	mg/kg
94-11-SO-15-01	07DEC94	225.0	225.0	5		DET	mg/kg
94-11-SO-15-02	07DEC94	27.1	27.1	5		DET	mg/kg
94-11-SO-16-01	07DEC94	34.5	34.5	5		DET	mg/kg
94-11-SO-16-02	07DEC94	46.2	46.2	5		DET	mg/kg
94-11-SO-17-01	12DEC94	937.0	937.0	50		DET	mg/kg
94-11-SO-18-01	12DEC94	20.8	20.8	5		DET	mg/kg
94-11-SO-19-01	12DEC94	48.5	48.5	5		DET	mg/kg
94-11-SO-20-01	17DEC94	591.0	591.0	10		DET	mg/kg
94-11-SO-20-02	17DEC94	4.0	4.0	5		DET	mg/kg
94-11-SO-21-01	17DEC94	65.3	65.3	5		DET	mg/kg
94-11-SO-21-02	17DEC94	653.0	653.0	10		DET	mg/kg
94-11-SO-22-01	17DEC94	2410.0	2410.0	50		DET	mg/kg
94-11-SO-22-02	17DEC94	78.6	78.6	5		DET	mg/kg

N = 48

RISK_GRP=11 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	26.2	26.2	1.28		DET	mg/kg
94-11-SO-04B-01	30NOV94	24.5	24.5	1.10		DET	mg/kg
94-11-SO-05-01	30NOV94	37.1	37.1	1.10		DET	mg/kg
94-11-SO-05-03	30NOV94	22.1	22.1	1.30		DET	mg/kg
94-11-SO-07-01	01DEC94	11.3	11.3	1.36		DET	mg/kg
94-11-SO-10-01	01DEC94	18.8	18.8	1.22		DET	mg/kg
94-11-SO-11-01	03DEC94	11.7	11.7	1.44		DET	mg/kg
94-11-SO-15-01	07DEC94	70.8	70.8	1.16		DET	mg/kg
94-11-SO-16-01	07DEC94	66.4	66.4	1.03		DET	mg/kg
94-11-SO-20B-01	17DEC94	470.0	470.0	1.12		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW6010 Analyte=Beryllium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.0729	0.0729	0.256		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.0740	0.0740	0.221		DET	mg/kg
94-11-SO-05-01	30NOV94	0.1080	0.1080	0.220		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0235	0.0235	0.261		DET	mg/kg
94-11-SO-07-01	01DEC94	0.0273	0.0273	0.273		DET	mg/kg
94-11-SO-10-01	01DEC94	0.1110	0.1110	0.244		DET	mg/kg
94-11-SO-11-01	03DEC94	0.1110	0.1110	0.289		DET	mg/kg
94-11-SO-15-01	07DEC94	0.3650	0.3650	0.231		DET	mg/kg
94-11-SO-16-01	07DEC94	0.0886	0.0886	0.206		DET	mg/kg
94-11-SO-20B-01	17DEC94	1.2000	1.2000	0.225		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW6010 Analyte=Cadmium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.2380	0.2380	0.639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.3740	0.3740	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	0.6180	0.6180	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0431	0.0431	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	0.0218	0.0218	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	0.1310	0.1310	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	0.0217	0.0217	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	0.4070	0.4070	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	0.4130	0.4130	0.515		DET	mg/kg

RISK_GRP=11 Method=SW6010 Analyte=Cadmium (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-20B-01	17DEC94	5.98	5.98	0.562		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW6010 Analyte=Chromium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NDV94	4.760	4.760	1.28		DET	mg/kg
94-11-SO-04B-01	30NOV94	6.360	6.360	1.10		DET	mg/kg
94-11-SO-05-01	30NOV94	6.320	6.320	1.10		DET	mg/kg
94-11-SO-05-03	30NDV94	1.080	1.080	1.30		DET	mg/kg
94-11-SO-07-01	01DEC94	0.981	0.981	1.36		DET	mg/kg
94-11-SO-10-01	01DEC94	2.800	2.800	1.22		DET	mg/kg
94-11-SO-11-01	03DEC94	0.637	0.637	1.44		DET	mg/kg
94-11-SO-15-01	07DEC94	9.910	9.910	1.16		DET	mg/kg
94-11-SO-16-01	07DEC94	6.190	6.190	1.03		DET	mg/kg
94-11-SO-20B-01	17DEC94	59.500	59.500	1.12		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW6010 Analyte=Cobalt

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.862	0.862	1.28		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.738	0.738	1.10		DET	mg/kg
94-11-SO-05-01	30NOV94	1.110	1.110	1.10		DET	mg/kg
94-11-SO-05-03	30NOV94	0.316	0.316	1.30		DET	mg/kg
94-11-SO-07-01	01DEC94	0.386	0.386	1.36		DET	mg/kg
94-11-SO-10-01	01DEC94	0.846	0.846	1.22		DET	mg/kg
94-11-SO-11-01	03DEC94	0.221	0.221	1.44		DET	mg/kg
94-11-SO-15-01	07DEC94	3.470	3.470	1.16		DET	mg/kg
94-11-SO-16-01	07DEC94	1.420	1.420	1.03		DET	mg/kg
94-11-SO-20B-01	17DEC94	13.500	13.500	1.12		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	4.220	4.220	2.56		DET	mg/kg
94-11-SO-04B-01	30NOV94	3.010	3.010	2.21		DET	mg/kg
94-11-SO-05-01	30NOV94	7.320	7.320	2.20		DET	mg/kg
94-11-SO-05-03	30NOV94	0.923	0.923	2.61		DET	mg/kg
94-11-SO-07-01	01DEC94	1.220	1.220	2.73		DET	mg/kg
94-11-SO-10-01	01DEC94	2.020	2.020	2.44		DET	mg/kg
94-11-SO-11-01	03DEC94	0.579	0.579	2.89		DET	mg/kg
94-11-SO-15-01	07DEC94	9.850	9.850	2.31		DET	mg/kg
94-11-SO-16-01	07DEC94	3.930	3.930	2.06		DET	mg/kg
94-11-SO-20B-01	17DEC94	42.300	42.300	2.25		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.0435	0.0435	1.28		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.0993	0.0993	1.10		DET	mg/kg
94-11-SO-05-01	30NOV94	0.1770	0.1770	1.10		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0770	0.0770	1.30		DET	mg/kg
94-11-SO-07-01	01DEC94	-0.0259	-0.0259	1.36		DET	mg/kg
94-11-SO-10-01	01DEC94	0.1010	0.1010	1.22		DET	mg/kg
94-11-SO-11-01	03DEC94	-0.3370	-0.3370	1.44		DET	mg/kg
94-11-SO-15-01	07DEC94	0.4810	0.4810	1.16		DET	mg/kg
94-11-SO-16-01	07DEC94	0.4500	0.4500	1.03		DET	mg/kg
94-11-SO-20B-01	17DEC94	0.1180	0.1180	1.12		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	5.32	5.32	2.56		DET	mg/kg
94-11-SO-04B-01	30NOV94	5.52	5.52	2.21		DET	mg/kg
94-11-SO-05-01	30NOV94	5.04	5.04	2.20		DET	mg/kg
94-11-SO-05-03	30NOV94	2.72	2.72	2.61		DET	mg/kg
94-11-SO-07-01	01DEC94	4.24	4.24	2.73		DET	mg/kg
94-11-SO-10-01	01DEC94	6.18	6.18	2.44		DET	mg/kg
94-11-SO-11-01	03DEC94	3.47	3.47	2.89		DET	mg/kg
94-11-SO-15-01	07DEC94	12.20	12.20	2.31		DET	mg/kg
94-11-SO-16-01	07DEC94	8.38	8.38	2.06		DET	mg/kg

---------- RISK_GRP=11 Method=SW6010 Analyte=Vanadium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-20B-01	17DEC94	69.8	69.8	2.25		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	32.70	32.70	2.56		DET	mg/kg
94-11-SO-04B-01	30NOV94	14.60	14.60	2.21		DET	mg/kg
94-11-SO-05-01	30NOV94	24.80	24.80	2.20		DET	mg/kg
94-11-SO-05-03	30NOV94	2.21	2.21	2.61		DET	mg/kg
94-11-SO-07-01	01DEC94	2.14	2.14	2.73		DET	mg/kg
94-11-SO-10-01	01DEC94	10.50	10.50	2.44		DET	mg/kg
94-11-SO-11-01	03DEC94	1.49	1.49	2.89		DET	mg/kg
94-11-SO-15-01	07DEC94	41.20	41.20	2.31		DET	mg/kg
94-11-SO-16-01	07DEC94	25.00	25.00	2.06		DET	mg/kg
94-11-SO-20B-01	17DEC94	289.00	289.00	2.25		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.371	0.371	0.639		DET	mg/kg
94-11-SO-04B-01	30NOV94	-0.199	-0.199	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	-0.593	-0.593	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	0.144	0.144	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	1.320	1.320	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	-0.196	-0.196	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	-3.380	-3.380	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	0.370	0.370	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	2.010	2.010	0.515		DET	mg/kg
94-11-SO-20B-01	17DEC94	-0.191	-0.191	0.562		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW7060 Analyte=Arsenic

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	2.940	2.940	0.639		DET	mg/kg
94-11-SO-04B-01	30NOV94	1.810	1.810	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	2.860	2.860	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	0.783	0.783	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	0.941	0.941	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	1.230	1.230	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	1.530	1.530	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	2.280	2.280	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	1.220	1.220	0.515		DET	mg/kg
94-11-SO-20B-01	17DEC94	1.740	1.740	0.562		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW7421 Analyte=Lead

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	21.200	21.200	0.639		DET	mg/kg
94-11-SO-04B-01	30NOV94	23.600	23.600	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	19.100	19.100	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	-1.620	-1.620	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	-0.928	-0.928	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	3.280	3.280	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	0.260	0.260	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	10.800	10.800	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	6.610	6.610	0.515		DET	mg/kg
94-11-SO-20B-01	17DEC94	27.000	27.000	0.562		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW7471 Analyte=Mercury

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00000	0.00000	0.0256		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.01540	0.01540	0.0221		DET	mg/kg
94-11-SO-05-01	30NOV94	0.01540	0.01540	0.0220		DET	mg/kg
94-11-SO-05-03	30NOV94	0.00000	0.00000	0.0261		DET	mg/kg
94-11-SO-07-01	01DEC94	0.00000	0.00000	0.0273		DET	mg/kg
94-11-SO-10-01	01DEC94	0.00611	0.00611	0.0244		DET	mg/kg
94-11-SO-11-01	03DEC94	0.00000	0.00000	0.0289		DET	mg/kg
94-11-SO-15-01	07DEC94	0.01390	0.01390	0.0231		DET	mg/kg
94-11-SO-16-01	07DEC94	0.01850	0.01850	0.0206		DET	mg/kg

RISK_GRP=11 Method=SW7471 Analyte=Mercury (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-20B-01	17DEC94	0.0112	0.0112	0.0225		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW7740 Analyte=Selenium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	-0.1210	-0.1210	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	0.1760	0.1760	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	-0.5870	-0.5870	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	-0.7230	-0.7230	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	-0.6840	-0.6840	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	-0.1300	-0.1300	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	0.0694	0.0694	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	-0.3300	-0.3300	0.515		DET	mg/kg
94-11-SO-20B-01	17DEC94	-0.1460	-0.1460	0.562		DET	mg/kg

N = 9

RISK_GRP=11 Method=SW7841 Analyte=Thallium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	-0.0256	-0.0256	0.639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.0000	0.0000	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	0.0329	0.0329	0.549		DET	mg/kg
94-11-SO-05-03	30NOV94	-0.5870	-0.5870	0.653		DET	mg/kg
94-11-SO-07-01	01DEC94	-0.2860	-0.2860	0.682		DET	mg/kg
94-11-SO-10-01	01DEC94	0.0856	0.0856	0.611		DET	mg/kg
94-11-SO-11-01	03DEC94	-0.1440	-0.1440	0.722		DET	mg/kg
94-11-SO-15-01	07DEC94	0.3120	0.3120	0.578		DET	mg/kg
94-11-SO-16-01	07DEC94	0.4020	0.4020	0.515		DET	mg/kg
94-11-SO-20B-01	17DEC94	0.2250	0.2250	0.562		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	1.77	1.77000	0.34500		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.00245	0.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.00008	0.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.00363	0.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.00440	0.00611	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.00454	0.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.00356	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.00193	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.00393	0.00562	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	.00256	.0025600	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	.	.0049413	.00552	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	.0034374	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.00378	.0037800	.00653		DET	mg/kg
94-11-SO-07-01	01DEC94	.	.0042655	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.00391	.0039100	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	.0051458	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	.0056956	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	.0040831	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	.0013580	.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.02030	0.020300	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.07780	0.077800	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.001631	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.006123	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.004112	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.00672	0.006720	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.003497	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.000584	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.003496	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.001192	.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.1250	0.12500	0.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	1.1100	1.11000	0.02760		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.00448	0.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.00422	0.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.00107	0.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.0202	0.02020	0.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.00672	0.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.00020	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.00321	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.00399	0.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.02200	0.02200	0.128		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.97800	0.97800	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.05343	0.110	<	ND	mg/kg
94-11-SO-05-03	30NOV94	0.08260	0.08260	0.130		DET	mg/kg
94-11-SO-07-01	01DEC94	0.00805	0.00805	0.136		DET	mg/kg
94-11-SO-10-01	01DEC94	0.07910	0.07910	0.122		DET	mg/kg
94-11-SO-11-01	03DEC94	0.00347	0.00347	0.144		DET	mg/kg
94-11-SO-15-01	07DEC94	0.00370	0.00370	0.116		DET	mg/kg
94-11-SO-16-01	07DEC94	.	0.03028	0.103	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.09406	0.112	<	ND	mg/kg

N = 10

--------- RISK_GRP=11 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.00452	.0045200	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	.0047119	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	.0005192	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	.0030707	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	.0006128	.00611	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	.0037561	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	.0053055	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	.0012961	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	.0026385	.00562	<	ND	mg/kg

N = 9

RISK_GRP=11 Method=SW8260 Analyte=Acetone

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.0390	0.0390	0.128		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.8860	0.8860	0.552		DET	mg/kg
94-11-SO-05-01	30NOV94	0.1260	0.1260	0.110		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0693	0.0693	0.130		DET	mg/kg
94-11-SO-07-01	01DEC94	0.0251	0.0251	0.136		DET	mg/kg
94-11-SO-10-01	01DEC94	0.5660	0.5660	0.122		DET	mg/kg
94-11-SO-11-01	03DEC94	0.2890	0.2890	0.144		DET	mg/kg
94-11-SO-15-01	07DEC94	0.1080	0.1080	0.116		DET	mg/kg
94-11-SO-16-01	07DEC94	0.0327	0.0327	0.103		DET	mg/kg
94-11-SO-20B-01	17DEC94	0.0450	0.0450	0.112		DET	mg/kg

N = 10

RISK_GRP=11 Method=SW8260 Analyte=Benzene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00192	0.001920	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.03440	0.034400	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.003524	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.001452	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.001937	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.00183	0.001830	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.000105	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.003397	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.000201	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.000868	.00562	<	ND	mg/kg

N = 10

RISK_GRP=11 Method=SW8260 Analyte=Carbon disulfide

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00192	0.00192	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.10600	0.10600	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.00383	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.00602	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.00082	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.00513	0.00513	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.00611	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.00032	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.00111	.00515	<	ND	mg/kg

RISK_GRP=11 Method=SW8260 Analyte=Carbon disulfide (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-20B-01	17DEC94	.	.0047325	.00562	<	ND	mg/kg

N = 10

RISK_GRP=11 Method=SW8260 Analyte=Chlorobenzene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00652	0.006520	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.05640	0.056400	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.005466	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.004487	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.005697	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.00330	0.003300	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.006558	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.005352	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.000443	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.002871	.00562	<	ND	mg/kg

N = 10

RISK_GRP=11 Method=SW8260 Analyte=Ethyl benzene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.1110	0.1110	0.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	85.4000	85.4000	6.90000		DET	mg/kg
94-11-SO-05-01	30NOV94	0.0014	0.0014	0.00549		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.0025	0.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.0005	0.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.0039	0.0039	0.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.0019	0.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.0028	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.0019	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.0045	0.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.0148	0.0148	0.0256		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.0150	0.0150	0.0221		DET	mg/kg
94-11-SO-05-01	30NOV94	0.0236	0.0236	0.0220		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0181	0.0181	0.0261		DET	mg/kg
94-11-SO-07-01	01DEC94	0.0104	0.0104	0.0273		DET	mg/kg
94-11-SO-10-01	01DEC94	0.0187	0.0187	0.0244		DET	mg/kg
94-11-SO-11-01	03DEC94	0.0134	0.0134	0.0289		DET	mg/kg
94-11-SO-15-01	07DEC94	0.0292	0.0292	0.0231		DET	mg/kg
94-11-SO-16-01	07DEC94	0.0233	0.0233	0.0206		DET	mg/kg
94-11-SO-20B-01	17DEC94	0.0247	0.0247	0.0225		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	.0000438	.00552	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	.0049549	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	.0020422	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	.0015516	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.00416	.0041600	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	.0069824	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	.0052385	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	.0033711	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	.0036638	.00562	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00384	0.00384	0.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.75600	0.75600	0.02760		DET	mg/kg
94-11-SO-05-01	30NOV94	0.00351	0.00351	0.00549		DET	mg/kg
94-11-SO-05-03	30NOV94	0.00366	0.00366	0.00653		DET	mg/kg
94-11-SO-07-01	01DEC94	0.00205	0.00205	0.00682		DET	mg/kg
94-11-SO-10-01	01DEC94	0.00905	0.00905	0.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	0.00159	0.00159	0.00722		DET	mg/kg
94-11-SO-15-01	07DEC94	.	0.00167	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.00139	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	0.00360	0.00360	0.00562		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.130	0.130	0.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	202.000	202.000	6.90000		DET	mg/kg
94-11-SO-05-01	30NOV94	0.003	0.003	0.00549		DET	mg/kg
94-11-SO-05-03	30NOV94	0.002	0.002	0.00653		DET	mg/kg
94-11-SO-07-01	01DEC94	.	0.001	0.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.008	0.008	0.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.003	0.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.001	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.004	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	0.003	0.003	0.00562		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00217	0.00217	0.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	5.88000	5.88000	0.34500		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.00157	0.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.00506	0.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.00185	0.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.05290	0.05290	0.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.00577	0.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.00366	0.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.00448	0.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.00384	0.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	0.9080	0.90800	0.2760		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.05104	0.0549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	0.0812	0.08120	0.0653		DET	mg/kg
94-11-SO-07-01	01DEC94	.	0.01224	0.0682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.00753	0.0611	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.03471	0.0722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.00024	0.0578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.03825	0.0515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.02008	0.0225	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.00409	0.004090	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.01540	0.015400	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.005109	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.004912	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.006494	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.00171	0.001710	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.004892	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.004341	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.004072	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.004113	.00562	<	ND	mg/kg

N = 10

--------- RISK_GRP=11 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	.00307	.0030700	.00639		DET	mg/kg
94-11-SO-04B-01	30NOV94	.00154	.0015400	.00552		DET	mg/kg
94-11-SO-05-01	30NOV94	.	.0013748	.00549	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	.0034925	.00653	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	.0003611	.00682	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.00134	.0013400	.00611		DET	mg/kg
94-11-SO-11-01	03DEC94	.	.0023015	.00722	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	.0046194	.00578	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	.0004850	.00515	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	.0015274	.00562	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	0.177	0.17700	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.09002	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.12047	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.21989	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.34151	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.18599	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.01566	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.18021	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.21883	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	0.0625	0.06250	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	.	0.04169	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.36265	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.23890	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.21560	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.20078	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.14772	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.05466	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.26103	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.05921	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.25009	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.07242	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.16390	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.798	0.79800	0.403		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.26181	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.11434	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.22421	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.28090	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.26635	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.27163	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.15378	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.19426	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.25376	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.15069	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.07447	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.21948	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.00956	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.02322	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.07533	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.14287	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.08261	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.242	0.24200	0.403		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.21337	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.21410	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.01911	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.18590	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.33052	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.12795	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.04720	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.14540	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.08894	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.39855	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.12156	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.04480	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.06761	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.11429	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	3.11	3.11000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.29963	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.00261	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.30735	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.43039	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.33216	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.05179	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.09071	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.29915	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	1.4	1.40000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.19469	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.22953	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.34355	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.41013	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.20842	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.03010	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.33699	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.29133	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.14971	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.01614	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.42927	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.36768	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.16863	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.09861	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.31387	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.30469	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.22646	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.14055	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.36255	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.31320	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.06920	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.38674	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.30189	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.02181	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.27660	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.1960	0.19600	0.422		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.1990	0.19900	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	9.8800	9.88000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.17757	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.21009	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.14209	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.17111	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.37606	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.15228	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	0.0371	0.03710	0.371		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.06818	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	2.14	2.14000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.38634	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.01550	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.16369	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.46996	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.24428	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.03302	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.10262	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.128	0.12800	0.422		DET	mg/kg
94-11-SO-04B-01	30NOV94	.	0.32729	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	0.242	0.24200	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.39372	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.35389	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	1.610	1.61000	0.403		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.36703	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.26780	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.31096	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.01204	0.371	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.3750	0.37500	0.422		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.0478	0.04780	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	8.9400	8.94000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.29577	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.41588	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.06274	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.25855	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.31722	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.32316	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.18505	0.371	<	ND	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.1500	0.15000	0.422		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.2010	0.20100	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	7.4600	7.46000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	0.1530	0.15300	0.431		DET	mg/kg
94-11-SO-07-01	01DEC94	.	0.08089	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.12712	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.08847	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.26600	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.30352	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	0.0557	0.05570	0.371		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	0.158	0.15800	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	3.740	3.74000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.29899	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.14065	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.12286	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.00940	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.28359	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.25771	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.05701	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.31164	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	1.9	1.90000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.11626	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.38608	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.12329	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.06199	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.05871	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.28283	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.24502	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.09849	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	1.58	1.58000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.09243	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.43193	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.10696	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.42258	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.23215	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.13437	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.20441	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.32095	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	0.457	0.45700	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.17023	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.37634	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.39446	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.17489	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.16653	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.33058	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.25802	0.371	<	ND	mg/kg

N = 9

-------- RISK_GRP=11 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate --------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.08528	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	.	0.12056	0.362	<	ND	mg/kg
94-11-SO-05-03	30NOV94	.	0.37021	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.03358	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	0.524	0.52400	0.403		DET	mg/kg
94-11-SO-11-01	03DEC94	.	0.15916	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.08147	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.09240	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.36275	0.371	<	ND	mg/kg

N = 9

---------- RISK_GRP=11 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-02B-01	30NOV94	0.1440	0.1440	0.422		DET	mg/kg
94-11-SO-04B-01	30NOV94	0.1400	0.1400	0.364		DET	mg/kg
94-11-SO-05-01	30NOV94	0.1200	0.1200	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	0.0782	0.0782	0.431		DET	mg/kg
94-11-SO-07-01	01DEC94	0.2770	0.2770	0.450		DET	mg/kg
94-11-SO-10-01	01DEC94	0.1740	0.1740	0.403		DET	mg/kg
94-11-SO-11-01	03DEC94	0.1190	0.1190	0.477		DET	mg/kg
94-11-SO-15-01	07DEC94	0.1990	0.1990	0.382		DET	mg/kg
94-11-SO-16-01	07DEC94	0.5810	0.5810	0.340		DET	mg/kg
94-11-SO-20B-01	17DEC94	0.0594	0.0594	0.371		DET	mg/kg

N = 10

---------- RISK_GRP=11 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-11-SO-04B-01	30NOV94	.	0.30057	0.364	<	ND	mg/kg
94-11-SO-05-01	30NOV94	1.96	1.96000	0.362		DET	mg/kg
94-11-SO-05-03	30NOV94	.	0.21901	0.431	<	ND	mg/kg
94-11-SO-07-01	01DEC94	.	0.17921	0.450	<	ND	mg/kg
94-11-SO-10-01	01DEC94	.	0.00399	0.403	<	ND	mg/kg
94-11-SO-11-01	03DEC94	.	0.21133	0.477	<	ND	mg/kg
94-11-SO-15-01	07DEC94	.	0.08043	0.382	<	ND	mg/kg
94-11-SO-16-01	07DEC94	.	0.32895	0.340	<	ND	mg/kg
94-11-SO-20B-01	17DEC94	.	0.11946	0.371	<	ND	mg/kg

N = 9

RISK_GRP=12 Method=E418.1 Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02-02	22OCT94	1560.00	1560.00	377.0		DET	mg/kg
94-12-SO-02B-01	15DEC94	434.00	434.00	135.0		DET	mg/kg
94-12-SO-02B-02	15DEC94	7.49	7.49	37.4		DET	mg/kg
94-12-SO-03B-01	02DEC94	2170.00	2170.00	430.0		DET	mg/kg
94-12-SO-07-01	08NOV94	14.00	14.00	37.0		DET	mg/kg
94-12-SO-10-01	08NOV94	467.00	467.00	150.0		DET	mg/kg
94-12-SO-12-01	02DEC94	5160.00	5160.00	1340.0		DET	mg/kg
94-12-SO-12-02	02DEC94	14.00	14.00	42.8		DET	mg/kg
94-12-SO-14-01	02DEC94	465.00	465.00	78.5		DET	mg/kg
94-12-SO-15-01	02DEC94	35.50	35.50	40.0		DET	mg/kg
94-12-SO-19-01	03DEC94	10.60	10.60	36.8		DET	mg/kg

N = 11

RISK_GRP=12 Method=E418.1M Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-01-01	22OCT94	794.0	794.0	50		DET	mg/kg
94-12-SO-01-02	22OCT94	529.0	529.0	50		DET	mg/kg
94-12-SO-02-01	22OCT94	2700.0	2700.0	50		DET	mg/kg
94-12-SO-02-02	22OCT94	2110.0	2110.0	50		DET	mg/kg
94-12-SO-02B-02	15DEC94	9.9	9.9	5		DET	mg/kg
94-12-SO-03-01	22OCT94	527.0	527.0	50		DET	mg/kg
94-12-SO-03-02	22OCT94	158.0	158.0	5		DET	mg/kg
94-12-SO-03B-02	02DEC94	9.9	9.9	5		DET	mg/kg
94-12-SO-04-02	23OCT94	845.0	845.0	50		DET	mg/kg
94-12-SO-05-01	23OCT94	186.0	186.0	5		DET	mg/kg
94-12-SO-05-02	23OCT94	9.7	9.7	5		DET	mg/kg
94-12-SO-06-01	24OCT94	581.0	581.0	50		DET	mg/kg
94-12-SO-07-01	07NOV94	66.3	66.3	5		DET	mg/kg
94-12-SO-07-02	07NOV94	-6.8	-6.8	5		DET	mg/kg
94-12-SO-07-03	07NOV94	-1.0	-1.0	5		DET	mg/kg
94-12-SO-08-01	07NOV94	70.2	70.2	5		DET	mg/kg
94-12-SO-09-01	07NOV94	-1.0	-1.0	5		DET	mg/kg
94-12-SO-10-01	07NOV94	538.0	538.0	10		DET	mg/kg
94-12-SO-10-02	08NOV94	-4.8	-4.8	5		DET	mg/kg
94-12-SO-11-01	07NOV94	-3.9	-3.9	5		DET	mg/kg
94-12-SO-12-01	02DEC94	311.0	311.0	5		DET	mg/kg
94-12-SO-12-02	02DEC94	9.8	9.8	5		DET	mg/kg
94-12-SO-13-01	02DEC94	19.7	19.7	5		DET	mg/kg
94-12-SO-13-02	02DEC94	7.9	7.9	5		DET	mg/kg
94-12-SO-13-03	02DEC94	17.8	17.8	5		DET	mg/kg
94-12-SO-14-01	02DEC94	2270.0	2270.0	50		DET	mg/kg
94-12-SO-14-02	02DEC94	15.6	15.6	5		DET	mg/kg

RISK_GRP=12 Method=E418.1M Analyte=TRPH (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-14-03	02DEC94	58.7	58.7	5		DET	mg/kg
94-12-SO-15-01	02DEC94	17.6	17.6	5		DET	mg/kg
94-12-SO-15-02	02DEC94	11.7	11.7	5		DET	mg/kg
94-12-SO-15-03	02DEC94	7.9	7.9	5		DET	mg/kg
94-12-SO-16-01	02DEC94	49.0	49.0	5		DET	mg/kg
94-12-SO-16-02	02DEC94	7.8	7.8	5		DET	mg/kg
94-12-SO-16-03	02DEC94	12.8	12.8	5		DET	mg/kg
94-12-SO-17-01	02DEC94	24.9	24.9	5		DET	mg/kg
94-12-SO-17-02	02DEC94	19.7	19.7	5		DET	mg/kg
94-12-SO-17-03	02DEC94	4.9	4.9	5		DET	mg/kg
94-12-SO-18-01	03DEC94	60.4	60.4	5		DET	mg/kg
94-12-SO-19-01	03DEC94	71.6	71.6	5		DET	mg/kg

N = 39

RISK_GRP=12 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	51.000	51.000	1.13		DET	mg/kg
94-12-SO-02B-02	15DEC94	35.600	35.600	1.25		DET	mg/kg
94-12-SO-03B-01	02DEC94	1.610	1.610	1.43		DET	mg/kg
94-12-SO-07-01	08NOV94	15.200	15.200	1.23		DET	mg/kg
94-12-SO-10-01	08NOV94	26.600	26.600	1.25		DET	mg/kg
94-12-SO-12-01	02DEC94	3.730	3.730	1.11		DET	mg/kg
94-12-SO-12-02	02DEC94	0.834	0.834	1.43		DET	mg/kg
94-12-SO-14-01	02DEC94	4.000	4.000	1.31		DET	mg/kg
94-12-SO-15-01	02DEC94	16.300	16.300	1.34		DET	mg/kg
94-12-SO-19-01	03DEC94	26.700	26.700	1.22		DET	mg/kg

N = 10

RISK_GRP=12 Method=SW6010 Analyte=Beryllium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.1690	0.1690	0.226		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.0836	0.0836	0.250		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.0043	0.0043	0.287		DET	mg/kg
94-12-SO-07-01	08NOV94	0.0494	0.0494	0.247		DET	mg/kg
94-12-SO-10-01	08NOV94	0.0287	0.0287	0.250		DET	mg/kg
94-12-SO-12-01	02DEC94	0.0156	0.0156	0.223		DET	mg/kg

---------- RISK_GRP=12 Method=SW6010 Analyte=Beryllium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-12-02	02DEC94	0.00428	0.00428	0.285		DET	mg/kg
94-12-SO-14-01	02DEC94	0.01180	0.01180	0.262		DET	mg/kg
94-12-SO-15-01	02DEC94	0.03340	0.03340	0.267		DET	mg/kg
94-12-SO-19-01	03DEC94	0.18900	0.18900	0.245		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.12000	0.12000	0.564		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.04370	0.04370	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.03010	0.03010	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	0.12500	0.12500	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	0.67000	0.67000	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	0.03340	0.03340	0.557		DET	mg/kg
94-12-SO-12-02	02DEC94	0.00998	0.00998	0.713		DET	mg/kg
94-12-SO-14-01	02DEC94	0.07200	0.07200	0.654		DET	mg/kg
94-12-SO-15-01	02DEC94	0.32800	0.32800	0.668		DET	mg/kg
94-12-SO-19-01	03DEC94	0.08820	0.08820	0.613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	6.320	6.320	1.13		DET	mg/kg
94-12-SO-02B-02	15DEC94	2.920	2.920	1.25		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.624	0.624	1.43		DET	mg/kg
94-12-SO-07-01	08NOV94	2.330	2.330	1.23		DET	mg/kg
94-12-SO-10-01	08NOV94	12.600	12.600	1.25		DET	mg/kg
94-12-SO-12-01	02DEC94	5.480	5.480	1.11		DET	mg/kg
94-12-SO-12-02	02DEC94	1.750	1.750	1.43		DET	mg/kg
94-12-SO-14-01	02DEC94	2.770	2.770	1.31		DET	mg/kg
94-12-SO-15-01	02DEC94	1.820	1.820	1.34		DET	mg/kg
94-12-SO-19-01	03DEC94	4.000	4.000	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	1.6900	1.6900	1.13		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.8510	0.8510	1.25		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.0473	0.0473	1.43		DET	mg/kg
94-12-SO-07-01	08NOV94	0.7650	0.7650	1.23		DET	mg/kg
94-12-SO-10-01	08NOV94	0.6600	0.6600	1.25		DET	mg/kg
94-12-SO-12-01	02DEC94	0.1600	0.1600	1.11		DET	mg/kg
94-12-SO-12-02	02DEC94	0.0185	0.0185	1.43		DET	mg/kg
94-12-SO-14-01	02DEC94	0.2090	0.2090	1.31		DET	mg/kg
94-12-SO-15-01	02DEC94	0.8130	0.8130	1.34		DET	mg/kg
94-12-SO-19-01	03DEC94	1.5300	1.5300	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	6.28000	6.28000	2.26		DET	mg/kg
94-12-SO-02B-02	15DEC94	1.52000	1.52000	2.50		DET	mg/kg
94-12-SO-03B-01	02DEC94	-0.00717	-0.00717	2.87		DET	mg/kg
94-12-SO-07-01	08NOV94	1.64000	1.64000	2.47		DET	mg/kg
94-12-SO-10-01	08NOV94	3.41000	3.41000	2.50		DET	mg/kg
94-12-SO-12-01	02DEC94	0.29000	0.29000	2.23		DET	mg/kg
94-12-SO-12-02	02DEC94	0.00998	0.00998	2.85		DET	mg/kg
94-12-SO-14-01	02DEC94	0.39000	0.39000	2.62		DET	mg/kg
94-12-SO-15-01	02DEC94	1.68000	1.68000	2.67		DET	mg/kg
94-12-SO-19-01	03DEC94	3.28000	3.28000	2.45		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	-0.0711	-0.0711	1.13		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.0162	0.0162	1.25		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.0416	0.0416	1.43		DET	mg/kg
94-12-SO-07-01	08NOV94	0.0123	0.0123	1.23		DET	mg/kg
94-12-SO-10-01	08NOV94	0.0612	0.0612	1.25		DET	mg/kg
94-12-SO-12-01	02DEC94	0.0145	0.0145	1.11		DET	mg/kg
94-12-SO-12-02	02DEC94	0.2340	0.2340	1.43		DET	mg/kg
94-12-SO-14-01	02DEC94	0.0275	0.0275	1.31		DET	mg/kg
94-12-SO-15-01	02DEC94	-0.3220	-0.3220	1.34		DET	mg/kg

---------- RISK_GRP=12 Method=SW6010 Analyte=Silver ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-19-01	03DEC94	0.926	0.926	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	10.500	10.500	2.26		DET	mg/kg
94-12-SO-02B-02	15DEC94	7.660	7.660	2.50		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.977	0.977	2.87		DET	mg/kg
94-12-SO-07-01	08NDV94	5.060	5.060	2.47		DET	mg/kg
94-12-SO-10-01	08NOV94	3.130	3.130	2.50		DET	mg/kg
94-12-SO-12-01	02DEC94	1.790	1.790	2.23		DET	mg/kg
94-12-SO-12-02	02DEC94	0.735	0.735	2.85		DET	mg/kg
94-12-SO-14-01	02DEC94	1.690	1.690	2.62		DET	mg/kg
94-12-SO-15-01	02DEC94	5.430	5.430	2.67		DET	mg/kg
94-12-SO-19-01	03DEC94	7.290	7.290	2.45		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	17.800	17.800	2.26		DET	mg/kg
94-12-SO-02B-02	15DEC94	5.840	5.840	2.50		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.416	0.416	2.87		DET	mg/kg
94-12-SO-07-01	08NOV94	10.700	10.700	2.47		DET	mg/kg
94-12-SO-10-01	08NOV94	18.200	18.200	2.50		DET	mg/kg
94-12-SO-12-01	02DEC94	4.090	4.090	2.23		DET	mg/kg
94-12-SO-12-02	02DEC94	1.060	1.060	2.85		DET	mg/kg
94-12-SO-14-01	02DEC94	5.900	5.900	2.62		DET	mg/kg
94-12-SO-15-01	02DEC94	5.130	5.130	2.67		DET	mg/kg
94-12-SO-19-01	03DEC94	12.400	12.400	2.45		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	-0.0499	-0.0499	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	-0.0631	-0.0631	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	0.5000	0.5000	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	-0.1320	-0.1320	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	-0.4450	-0.4450	2.780		DET	mg/kg
94-12-SO-12-02	02DEC94	-0.5420	-0.5420	3.570		DET	mg/kg
94-12-SO-14-01	02DEC94	-0.5370	-0.5370	3.270		DET	mg/kg
94-12-SO-15-01	02DEC94	-1.5500	-1.5500	0.668		DET	mg/kg
94-12-SO-19-01	03DEC94	4.0000	4.0000	0.613		DET	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	1.170	1.170	0.564		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.861	0.861	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.976	0.976	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	0.469	0.469	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	0.312	0.312	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	0.913	0.913	0.557		DET	mg/kg
94-12-SO-12-02	02DEC94	0.628	0.628	0.713		DET	mg/kg
94-12-SO-14-01	02DEC94	0.995	0.995	0.654		DET	mg/kg
94-12-SO-15-01	02DEC94	1.200	1.200	0.668		DET	mg/kg
94-12-SO-19-01	03DEC94	0.809	0.809	0.613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	5.550	5.550	0.564		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.762	0.762	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	-0.792	-0.792	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	4.980	4.980	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	10.800	10.800	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	3.880	3.880	0.557		DET	mg/kg
94-12-SO-12-02	02DEC94	-0.232	-0.232	0.713		DET	mg/kg
94-12-SO-14-01	02DEC94	1.350	1.350	0.654		DET	mg/kg
94-12-SO-15-01	02DEC94	1.740	1.740	0.668		DET	mg/kg
94-12-SO-19-01	03DEC94	4.130	4.130	0.613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.0226	0.0226	0.0226		DET	mg/kg
94-12-SO-028-02	15DEC94	0.0125	0.0125	0.0250		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.0000	0.0000	0.0287		DET	mg/kg
94-12-SO-07-01	08NOV94	0.0238	0.0238	0.0247		DET	mg/kg
94-12-SO-10-01	08NOV94	0.9500	0.9500	0.0250		DET	mg/kg
94-12-SO-12-01	02DEC94	0.0100	0.0100	0.0223		DET	mg/kg
94-12-SO-12-02	02DEC94	0.0128	0.0128	0.0285		DET	mg/kg
94-12-SO-14-01	02DEC94	0.0000	0.0000	0.0262		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0000	0.0000	0.0267		DET	mg/kg
94-12-SO-19-01	03DEC94	0.0000	0.0000	0.0245		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.3390	0.3390	0.564		DET	mg/kg
94-12-SO-02B-02	15DEC94	-0.0374	-0.0374	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.2870	0.2870	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	0.1980	0.1980	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	0.4000	0.4000	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	0.1340	0.1340	0.557		DET	mg/kg
94-12-SO-12-02	02DEC94	-0.2000	-0.2000	0.713		DET	mg/kg
94-12-SO-14-01	02DEC94	-0.1960	-0.1960	0.654		DET	mg/kg
94-12-SO-15-01	02DEC94	-0.4000	-0.4000	0.668		DET	mg/kg
94-12-SO-19-01	03DEC94	0.0613	0.0613	0.613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	-0.1690	-0.1690	0.564		DET	mg/kg
94-12-SO-02B-02	15DEC94	-0.1750	-0.1750	0.624		DET	mg/kg
94-12-SO-03B-01	02DEC94	-0.1150	-0.1150	0.717		DET	mg/kg
94-12-SO-07-01	08NOV94	0.2720	0.2720	0.617		DET	mg/kg
94-12-SO-10-01	08NOV94	0.1750	0.1750	0.624		DET	mg/kg
94-12-SO-12-01	02DEC94	0.1780	0.1780	0.557		DET	mg/kg
94-12-SO-12-02	02DEC94	0.0713	0.0713	0.713		DET	mg/kg
94-12-SO-14-01	02DEC94	0.1570	0.1570	0.654		DET	mg/kg
94-12-SO-15-01	02DEC94	-0.1340	-0.1340	0.668		DET	mg/kg

---------- RISK_GRP=12 Method=SW7841 Analyte=Thallium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-19-01	03OEC94	-0.257	-0.257	0.613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0042074	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0041441	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0039450	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0012794	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0011104	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0038069	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0030664	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0066143	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0036083	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15OEC94	.	.0023090	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0059370	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0046775	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0031665	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0054141	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0001447	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0042597	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0065255	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0014711	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0022831	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0064868	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0031263	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0051118	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0045083	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0006575	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0027265	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0056175	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0007214	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0014281	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0028253	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0022843	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0042276	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0048412	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0007226	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0002926	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0017814	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0023681	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	.	0.01490	0.113	<	ND	mg/kg
94-12-SO-02B-02	15DEC94	.	0.05126	0.125	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.0920	0.09200	0.143		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.03440	0.123	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.2230	0.22300	0.125		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.01885	0.111	<	ND	mg/kg
94-12-SO-12-02	02DEC94	0.0180	0.01800	0.143		DET	mg/kg
94-12-SO-14-01	02DEC94	0.0903	0.09030	0.131		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0176	0.01760	0.134		DET	mg/kg
94-12-SO-19-01	03DEC94	.	0.10238	0.122	<	ND	mg/kg

N = 10

--------- RISK_GRP=12 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0031237	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0054557	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0012166	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0032990	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0050376	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0007781	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0035503	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0007990	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0056899	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.2550	0.25500	0.113		DET	mg/kg
94-12-SO-02B-02	15DEC94	.	0.10456	0.125	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.0459	0.04590	0.143		DET	mg/kg
94-12-SO-07-01	08NOV94	0.0394	0.03940	0.123		DET	mg/kg
94-12-SO-10-01	08NOV94	0.3810	0.38100	0.125		DET	mg/kg
94-12-SO-12-01	02DEC94	0.0357	0.03570	0.111		DET	mg/kg
94-12-SO-12-02	02DEC94	0.0212	0.02120	0.143		DET	mg/kg
94-12-SO-14-01	02DEC94	.0.2400	0.24000	0.131		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0692	0.06920	0.134		DET	mg/kg
94-12-SO-19-01	03DEC94	0.0724	0.07240	0.122		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0008637	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0065185	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0038671	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0025480	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0031428	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0019745	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0050318	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0029985	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0028474	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	.	0.004626	.00564	<	ND	mg/kg
94-12-SO-02B-02	15DEC94	.	0.000784	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.01380	0.013800	.00717		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.000085	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.05120	0.051200	.00624		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.000373	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.002057	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	0.00249	0.002490	.00654		DET	mg/kg
94-12-SO-15-01	02DEC94	.	0.003907	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.003055	.00613	<	ND	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0022101	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0063840	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0042390	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0022757	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0041384	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0034594	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0047577	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0059298	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0030307	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0030213	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0006881	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0007022	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0001922	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0039688	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0063518	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0053812	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0038058	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0026241	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.0309	0.030900	0.0226		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.0126	0.012600	0.0250		DET	mg/kg
94-12-SO-03B-01	02DEC94	0.0232	0.023200	0.0287		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.015698	0.0247	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.0107	0.010700	0.0250		DET	mg/kg
94-12-SO-12-01	02DEC94	0.0149	0.014900	0.0223		DET	mg/kg
94-12-SO-12-02	02DEC94	0.0177	0.017700	0.0285		DET	mg/kg
94-12-SO-14-01	02DEC94	0.0192	0.019200	0.0262		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0120	0.012000	0.0267		DET	mg/kg
94-12-SO-19-01	03DEC94	0.0134	0.013400	0.0245		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0038610	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.00186	.0018600	.00717		DET	mg/kg
94-12-SO-07-01	08NOV94	.	.0001576	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0030860	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0049585	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0031018	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0048164	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0062529	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0041882	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	.	.0012281	.00564	<	ND	mg/kg
94-12-SO-02B-02	15DEC94	.	.0005724	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.00416	.0041600	.00717		DET	mg/kg
94-12-SO-07-01	08NOV94	.00852	.0085200	.00617		DET	mg/kg
94-12-SO-10-01	08NOV94	.	.0058772	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.00345	.0034500	.00557		DET	mg/kg
94-12-SO-12-02	02DEC94	.00314	.0031400	.00713		DET	mg/kg
94-12-SO-14-01	02DEC94	.00406	.0040600	.00654		DET	mg/kg
94-12-SO-15-01	02DEC94	.00294	.0029400	.00668		DET	mg/kg
94-12-SO-19-01	03DEC94	.00319	.0031900	.00613		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0004118	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0054060	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0023781	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0058021	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.002	.0020000	.00557		DET	mg/kg
94-12-SO-12-02	02DEC94	.	.0021053	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0040668	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0006487	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0025312	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0014983	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0061621	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0045100	.00617	<	ND	mg/kg
94-12-SO-10-01	08NDV94	.	.0025110	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0015679	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0070536	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0044362	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0011714	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0010398	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	.	0.00312	0.0226	<	ND	mg/kg
94-12-SO-02B-02	15DEC94	.	0.02176	0.0250	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.04623	0.0717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.00521	0.0617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.0402	0.04020	0.0624		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.01917	0.0557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.04768	0.0713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	0.1060	0.10600	0.0654		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0135	0.01350	0.0668		DET	mg/kg
94-12-SO-19-01	03DEC94	.	0.06012	0.0613	<	ND	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0025342	.00624	<	ND	mg/kg
94-12-SD-03B-01	02DEC94	.	.0051720	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0008852	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0042303	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0015767	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0055038	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0061377	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0032849	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0032564	.00613	<	ND	mg/kg

N = 9

--------- RISK_GRP=12 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Oate	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	.0038375	.00624	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	.0059139	.00717	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	.0001073	.00617	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	.0001583	.00624	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	.0001404	.00557	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	.0043755	.00713	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	.0008126	.00654	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	.0021007	.00668	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	.0021626	.00613	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.07627	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.43535	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.16025	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.34313	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.19913	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.35641	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.17269	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.43877	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.09076	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.31797	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.30248	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.20051	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.37822	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.21272	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.04590	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.33149	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.04454	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.20352	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.15963	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	2.5	2.50000	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.18909	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.35743	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.03632	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.34777	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.00726	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.17711	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.14568	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.31852	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.24645	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.25076	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.38523	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.04487	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.13884	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.30274	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.14560	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.34386	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.13134	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.43302	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.04199	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.05218	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.26925	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.24973	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.06464	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.03202	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.27579	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.17520	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.02800	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.11092	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.32151	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.00796	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.32209	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.09009	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.37406	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.01423	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.18101	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.11709	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.21200	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.297	0.29700	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.04133	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.00804	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.05646	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.12075	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.27937	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.31219	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.0568	0.05680	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.05005	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.22378	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.07761	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.44453	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.03338	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.43425	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.30298	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.24896	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.16329	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.06254	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.33324	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.01344	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.34703	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.37506	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.21003	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.23122	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.07832	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.26641	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.00863	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.11659	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.21015	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.09730	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.33516	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.10573	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.06443	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.05667	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.189	0.18900	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.38360	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.292	0.29200	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.06082	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.23358	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.30246	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.42845	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.33133	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.18967	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.071	0.07100	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.21619	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.19390	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.28997	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.09039	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.15584	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.14368	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.10352	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.03066	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	4.99	4.99000	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.08916	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.32202	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.10363	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.20198	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.19939	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.43438	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.10229	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.38277	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	0.132	0.13200	0.473		DET	mg/kg
94-12-SO-07-01	08NOV94	.	0.38296	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.02498	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.09783	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.04130	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.18610	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.25791	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.07297	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.41076	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.38135	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.02750	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.292	0.29200	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.02453	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.29029	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.01999	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.25585	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.29147	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.00161	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.44092	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.04463	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.152	0.15200	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.07372	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.42400	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.02167	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.20890	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.22544	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.15272	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.06997	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.30303	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.152	0.15200	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.06258	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.29424	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.24307	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.01666	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.08725	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.10349	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.29178	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.09435	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.215	0.21500	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.20288	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.13324	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.01654	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.43737	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.16349	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.14940	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.22139	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.21098	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.0824	0.08240	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.23206	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.09389	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.04727	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.20811	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.11363	0.404	<	ND	mg/kg

N = 9

-------- RISK_GRP=12 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.21787	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.37831	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.16326	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	.	0.04142	0.412	<	ND	mg/kg
94-12-SO-12-01	02DEC94	.	0.09029	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.11618	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.36704	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.06657	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.19550	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=12 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-01	15DEC94	0.1150	0.11500	0.372		DET	mg/kg
94-12-SO-02B-02	15DEC94	0.0948	0.09480	0.412		DET	mg/kg
94-12-SO-03B-01	02DEC94	.	0.04853	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	0.2200	0.22000	0.407		DET	mg/kg
94-12-SO-10-01	08NOV94	0.1190	0.11900	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.29605	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.23357	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	0.0777	0.07770	0.432		DET	mg/kg
94-12-SO-15-01	02DEC94	0.0749	0.07490	0.440		DET	mg/kg
94-12-SO-19-01	03DEC94	0.2060	0.20600	0.404		DET	mg/kg

N = 10

---------- RISK_GRP=12 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-12-SO-02B-02	15DEC94	.	0.05043	0.412	<	ND	mg/kg
94-12-SO-03B-01	02DEC94	.	0.41117	0.473	<	ND	mg/kg
94-12-SO-07-01	08NOV94	.	0.35358	0.407	<	ND	mg/kg
94-12-SO-10-01	08NOV94	0.177	0.17700	0.412		DET	mg/kg
94-12-SO-12-01	02DEC94	.	0.15189	0.367	<	ND	mg/kg
94-12-SO-12-02	02DEC94	.	0.44651	0.471	<	ND	mg/kg
94-12-SO-14-01	02DEC94	.	0.15293	0.432	<	ND	mg/kg
94-12-SO-15-01	02DEC94	.	0.26438	0.440	<	ND	mg/kg
94-12-SO-19-01	03DEC94	.	0.17975	0.404	<	ND	mg/kg

N = 9

---------- RISK_GRP=14 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01-02	22OCT94	82.80	82.80	38.7		DET	mg/kg
94-14-SO-01B-01	03DEC94	241.00	241.00	74.8		DET	mg/kg
94-14-SO-01B-02	03DEC94	62.40	62.40	35.7		DET	mg/kg
94-14-SO-03B-01	01DEC94	405.00	405.00	72.3		DET	mg/kg
94-14-SO-04B-01	01DEC94	159.00	159.00	75.8		DET	mg/kg
94-14-SO-08-01	03DEC94	7.03	7.03	41.4		DET	mg/kg
94-14-SO-08-02	03DEC94	43.70	43.70	36.8		DET	mg/kg
94-14-SO-11-02	02DEC94	52.80	52.80	34.8		DET	mg/kg
94-14-SO-13-01	04DEC94	31.60	31.60	42.4		DET	mg/kg
94-14-SO-14-01	05DEC94	36.40	36.40	41.3		DET	mg/kg

N = 10

---------- RISK_GRP=14 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01-01	22OCT94	22.3	22.3	5		DET	mg/kg
94-14-SO-01-02	22OCT94	38.4	38.4	5		DET	mg/kg
94-14-SO-01B-01	03DEC94	230.0	230.0	5		DET	mg/kg
94-14-SO-01B-02	03DEC94	49.0	49.0	5		DET	mg/kg
94-14-SO-02-01	22OCT94	11.3	11.3	5		DET	mg/kg
94-14-SO-02-02	22OCT94	258.0	258.0	5		DET	mg/kg
94-14-SO-02-03	22OCT94	4.7	4.7	5		DET	mg/kg
94-14-SO-03-01	22OCT94	45.9	45.9	5		DET	mg/kg
94-14-SO-03-02	22OCT94	991.0	991.0	50		DET	mg/kg
94-14-SO-03-03	22OCT94	0.0	0.0	5		DET	mg/kg
94-14-SO-04-01	22OCT94	49.5	49.5	5		DET	mg/kg
94-14-SO-04-02	22OCT94	906.0	906.0	50		DET	mg/kg
94-14-SO-04-03	22OCT94	3.8	3.8	5		DET	mg/kg
94-14-SO-05-01	22OCT94	30.1	30.1	5		DET	mg/kg
94-14-SO-05-02	22OCT94	210.0	210.0	5		DET	mg/kg
94-14-SO-06-01	03DEC94	14.9	14.9	5		DET	mg/kg
94-14-SO-06-02	03DEC94	4.0	4.0	5		DET	mg/kg
94-14-SO-07-01	02DEC94	19.3	19.3	5		DET	mg/kg
94-14-SO-07-02	02DEC94	11.8	11.8	5		DET	mg/kg
94-14-SO-08-01	03DEC94	28.3	28.3	5		DET	mg/kg
94-14-SO-08-02	03DEC94	5.0	5.0	5		DET	mg/kg
94-14-SO-09-01	02DEC94	5670.0	5670.0	125		DET	mg/kg
94-14-SO-09-02	02DEC94	293.0	293.0	5		DET	mg/kg
94-14-SO-10-01	02DEC94	3740.0	3740.0	125		DET	mg/kg
94-14-SO-11-01	02DEC94	12.9	12.9	5		DET	mg/kg
94-14-SO-11-02	02DEC94	10.0	10.0	5		DET	mg/kg
94-14-SO-12-01	04DEC94	29.1	29.1	5		DET	mg/kg
94-14-SO-12-02	04DEC94	5.9	5.9	5		DET	mg/kg

---------- RISK_GRP=14 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-12-03	04DEC94	13.9	13.9	5		DET	mg/kg
94-14-SO-12B-01	16DEC94	8.8	8.8	5		DET	mg/kg
94-14-SO-13-01	04DEC94	20.6	20.6	5		DET	mg/kg
94-14-SO-13-02	04DEC94	47.1	47.1	5		DET	mg/kg
94-14-SO-13B-01	16DEC94	8.8	8.8	5		DET	mg/kg
94-14-SO-14-01	05DEC94	10.8	10.8	5		DET	mg/kg
94-14-SO-14-02	05DEC94	5.9	5.9	5		DET	mg/kg
94-14-SO-14B-01	16DEC94	138.0	138.0	5		DET	mg/kg
94-14-SO-14B-02	16DEC94	8.7	8.7	5		DET	mg/kg
94-14-SO-15-01	17DEC94	5.0	5.0	5		DET	mg/kg
94-14-SO-15-02	17DEC94	4.8	4.8	5		DET	mg/kg
94-14-SO-16-01	17DEC94	1.9	1.9	5		DET	mg/kg
94-14-SO-17-01	17DEC94	2.0	2.0	5		DET	mg/kg

N = 41

---------- RISK_GRP=14 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	22.40	22.40	1.25		DET	mg/kg
94-14-SO-03B-01	01DEC94	17.80	17.80	1.20		DET	mg/kg
94-14-SO-04B-01	01DEC94	9.68	9.68	1.26		DET	mg/kg
94-14-SO-08-01	03DEC94	19.40	19.40	1.38		DET	mg/kg
94-14-SO-08-02	03DEC94	25.40	25.40	1.23		DET	mg/kg
94-14-SO-11-02	02DEC94	21.40	21.40	1.16		DET	mg/kg
94-14-SO-13-01	04DEC94	11.60	11.60	1.41		DET	mg/kg
94-14-SO-14-01	05DEC94	7.21	7.21	1.38		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.0623	0.0623	0.249		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.1250	0.1250	0.241		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.0909	0.0909	0.252		DET	mg/kg
94-14-SO-08-01	03DEC94	0.0786	0.0786	0.276		DET	mg/kg
94-14-SO-08-02	03DEC94	0.3010	0.3010	0.245		DET	mg/kg
94-14-SO-11-02	02DEC94	0.3400	0.3400	0.232		DET	mg/kg
94-14-SO-13-01	04DEC94	0.0748	0.0748	0.282		DET	mg/kg

---------- RISK_GRP=14 Method=SW6010 Analyte=Beryllium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-14-01	05DEC94	0.0151	0.0151	0.275		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.05860	0.05860	0.623		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.56100	0.56100	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.05560	0.05560	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	0.14500	0.14500	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	0.05400	0.05400	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	0.09060	0.09060	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	0.00847	0.00847	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	0.01510	0.01510	0.688		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	6.600	6.600	1.25		DET	mg/kg
94-14-SO-03B-01	01DEC94	2.230	2.230	1.20		DET	mg/kg
94-14-SO-04B-01	01DEC94	2.110	2.110	1.26		DET	mg/kg
94-14-SO-08-01	03DEC94	22.900	22.900	1.38		DET	mg/kg
94-14-SO-08-02	03DEC94	5.550	5.550	1.23		DET	mg/kg
94-14-SO-11-02	02DEC94	5.540	5.540	1.16		DET	mg/kg
94-14-SO-13-01	04DEC94	2.260	2.260	1.41		DET	mg/kg
94-14-SO-14-01	05DEC94	0.928	0.928	1.38		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.889	0.889	1.25		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.946	0.946	1.20		DET	mg/kg

RISK_GRP=14 Method=SW6010 Analyte=Cobalt (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-04B-01	01DEC94	0.470	0.470	1.26		DET	mg/kg
94-14-SO-08-01	03DEC94	0.964	0.964	1.38		DET	mg/kg
94-14-SO-08-02	03DEC94	1.660	1.660	1.23		DET	mg/kg
94-14-SO-11-02	02DEC94	2.500	2.500	1.16		DET	mg/kg
94-14-SO-13-01	04DEC94	0.486	0.486	1.41		DET	mg/kg
94-14-SO-14-01	05DEC94	0.271	0.271	1.38		DET	mg/kg

N = 8

RISK_GRP=14 Method=SW6010 Analyte=Copper

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	1.810	1.810	2.49		DET	mg/kg
94-14-SO-03B-01	01DEC94	1.820	1.820	2.41		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.611	0.611	2.52		DET	mg/kg
94-14-SO-08-01	03DEC94	1.610	1.610	2.76		DET	mg/kg
94-14-SO-08-02	03DEC94	2.470	2.470	2.45		DET	mg/kg
94-14-SO-11-02	02DEC94	1.850	1.850	2.32		DET	mg/kg
94-14-SO-13-01	04DEC94	0.607	0.607	2.82		DET	mg/kg
94-14-SO-14-01	05DEC94	0.433	0.433	2.75		DET	mg/kg

N = 8

RISK_GRP=14 Method=SW6010 Analyte=Silver

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.03370	0.03370	1.25		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.00843	0.00843	1.20		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.13100	0.13100	1.26		DET	mg/kg
94-14-SO-08-01	03DEC94	0.36800	0.36800	1.38		DET	mg/kg
94-14-SO-08-02	03DEC94	-0.14400	-0.14400	1.23		DET	mg/kg
94-14-SO-11-02	02DEC94	0.03720	0.03720	1.16		DET	mg/kg
94-14-SO-13-01	04DEC94	0.01980	0.01980	1.41		DET	mg/kg
94-14-SO-14-01	05DEC94	0.02750	0.02750	1.38		DET	mg/kg

N = 8

RISK_GRP=14 Method=SW6010 Analyte=Vanadium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	5.78	5.78	2.49		DET	mg/kg
94-14-SO-03B-01	01DEC94	5.73	5.73	2.41		DET	mg/kg
94-14-SO-04B-01	01DEC94	3.42	3.42	2.52		DET	mg/kg
94-14-SO-08-01	03DEC94	7.05	7.05	2.76		DET	mg/kg
94-14-SO-08-02	03DEC94	11.50	11.50	2.45		DET	mg/kg
94-14-SO-11-02	02DEC94	13.60	13.60	2.32		DET	mg/kg
94-14-SO-13-01	04DEC94	4.87	4.87	2.82		DET	mg/kg
94-14-SO-14-01	05DEC94	3.41	3.41	2.75		DET	mg/kg

N = 8

RISK_GRP=14 Method=SW6010 Analyte=Zinc

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	9.86	9.86	2.49		DET	mg/kg
94-14-SO-03B-01	01DEC94	28.90	28.90	2.41		DET	mg/kg
94-14-SO-04B-01	01DEC94	7.61	7.61	2.52		DET	mg/kg
94-14-SO-08-01	03DEC94	7.83	7.83	2.76		DET	mg/kg
94-14-SO-08-02	03DEC94	14.50	14.50	2.45		DET	mg/kg
94-14-SO-11-02	02DEC94	19.40	19.40	2.32		DET	mg/kg
94-14-SO-13-01	04DEC94	4.19	4.19	2.82		DET	mg/kg
94-14-SO-14-01	05DEC94	1.31	1.31	2.75		DET	mg/kg

N = 8

RISK_GRP=14 Method=SW7041 Analyte=Antimony

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	-0.167	-0.167	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.650	0.650	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	-3.260	-3.260	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	0.250	0.250	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	-0.766	-0.766	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	-1.570	-1.570	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	-0.633	-0.633	0.688		DET	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	1.130	1.130	0.623		DET	mg/kg
94-14-SO-03B-01	01DEC94	1.320	1.320	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	1.170	1.170	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	0.579	0.579	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	2.690	2.690	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	2.280	2.280	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	1.210	1.210	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	0.866	0.866	0.688		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	5.540	5.540	0.623		DET	mg/kg
94-14-SO-03B-01	01DEC94	2.400	2.400	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	2.630	2.630	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	0.800	0.800	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	3.180	3.180	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	2.140	2.140	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	1.840	1.840	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	0.578	0.578	0.688		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.01120	0.01120	0.0249		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.00000	0.00000	0.0241		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.00000	0.00000	0.0252		OET	mg/kg
94-14-SO-08-01	03DEC94	0.01240	0.01240	0.0276		DET	mg/kg
94-14-SO-08-02	03DEC94	0.00000	0.00000	0.0245		DET	mg/kg
94-14-SO-11-02	02DEC94	0.00581	0.00581	0.0232		DET	mg/kg
94-14-SO-13-01	04DEC94	0.00000	0.00000	0.0282		DET	mg/kg
94-14-SO-14-01	05DEC94	0.00000	0.00000	0.0275		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	-0.1250	-0.1250	0.623		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.5060	0.5060	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.3910	0.3910	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	-0.2210	-0.2210	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	-0.5400	-0.5400	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	-0.0348	-0.0348	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	0.5510	0.5510	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	-0.7980	-0.7980	0.688		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	-0.2490	-0.2490	0.623		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.1690	0.1690	0.602		DET	mg/kg
94-14-SO-04B-01	01DEC94	-0.0631	-0.0631	0.631		DET	mg/kg
94-14-SO-08-01	03DEC94	-0.4410	-0.4410	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	-0.1600	-0.1600	0.613		DET	mg/kg
94-14-SO-11-02	02DEC94	0.1160	0.1160	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	0.2970	0.2970	0.706		DET	mg/kg
94-14-SO-14-01	05DEC94	0.0000	0.0000	0.688		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.000782	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.005176	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.020000	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.002680	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.003197	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.003120	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.004950	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	.0056344	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	.0030608	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	.0063226	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.00307	.0030700	0.00613		DET	mg/kg
94-14-SO-11-02	02DEC94	.	.0040750	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	.0033456	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	.0061118	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.005436	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.005611	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.033336	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.005423	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.000443	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.000255	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.004929	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	.0022535	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	.0010652	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	.0003573	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	.0058713	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	.0004835	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	.0021024	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	.0016908	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.00636	0.006360	0.125		DET	mg/kg
94-14-SO-03B-01	01DEC94	.	0.050967	0.120	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	0.00227	0.002270	0.126		DET	mg/kg
94-14-SO-08-01	03DEC94	0.02480	0.024800	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.068817	0.123	<	ND	mg/kg
94-14-SO-11-02	02DEC94	0.01140	0.011400	0.116		DET	mg/kg
94-14-SO-13-01	04DEC94	.	0.029508	0.141	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.031458	0.138	<	ND	mg/kg

N = 8

--------- RISK_GRP=14 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.004588	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.004097	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.018716	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.003532	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.002152	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.003219	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.006224	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.7140	0.71400	0.125		DET	mg/kg
94-14-SO-03B-01	01DEC94	.	0.10817	0.120	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	0.1190	0.11900	0.126		DET	mg/kg
94-14-SO-08-01	03DEC94	3.5000	3.50000	0.690		DET	mg/kg
94-14-SO-08-02	03DEC94	0.0813	0.08130	0.123		DET	mg/kg
94-14-SO-11-02	02DEC94	0.6440	0.64400	0.581		DET	mg/kg
94-14-SO-13-01	04DEC94	0.1670	0.16700	0.141		DET	mg/kg
94-14-SO-14-01	05DEC94	0.0336	0.03360	0.138		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.005470	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.005761	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	0.0276	0.027600	0.03450		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.003434	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.001089	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.003170	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.006037	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.003406	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.001546	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	0.0807	0.080700	0.03450		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.001051	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.003034	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	0.0636	0.063600	0.00706		DET	mg/kg
94-14-SO-14-01	D5DEC94	.	0.005528	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.002255	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.000206	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.020564	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.002989	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.004439	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.005426	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.000143	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.00192	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	0.0145	0.01450	0.00631		DET	mg/kg
94-14-SO-08-01	03DEC94	0.1930	0.19300	0.03450		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.00050	0.00613	<	ND	mg/kg
94-14-SD-11-02	02DEC94	.	0.00220	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.00044	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.00221	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.00698	0.00698	0.0249		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.00687	0.00687	0.0241		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.01290	0.01290	0.0252		DET	mg/kg
94-14-SO-08-01	03DEC94	0.00896	0.00896	0.1380		DET	mg/kg
94-14-SO-08-02	03DEC94	0.02370	0.02370	0.0245		DET	mg/kg
94-14-SO-11-02	02DEC94	0.01210	0.01210	0.0232		DET	mg/kg
94-14-SO-13-01	04DEC94	0.01600	0.01600	0.0282		DET	mg/kg
94-14-SO-14-01	05DEC94	0.01170	0.01170	0.0275		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.00417	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.00184	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	0.388	0.38800	0.03450		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.00561	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.00543	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.00599	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.00248	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	.00349	0.003490	0.00623		DET	mg/kg
94-14-SO-03B-01	01DEC94	.00410	0.004100	0.00602		DET	mg/kg
94-14-SO-04B-01	01DEC94	.00619	0.006190	0.00631		DET	mg/kg
94-14-SO-08-01	03DEC94	.	0.029300	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.00331	0.003310	0.00613		DET	mg/kg
94-14-SO-11-02	02DEC94	.00244	0.002440	0.00581		DET	mg/kg
94-14-SO-13-01	04DEC94	.00240	0.002400	0.00706		DET	mg/kg
94-14-SO-14-01	05DEC94	.	0.000361	0.00688	<	ND	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	0.00361	0.003610	0.00602		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.04900	0.049000	0.00631		DET	mg/kg
94-14-SO-08-01	03DEC94	.	0.027821	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.001963	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.000754	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.001949	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.004215	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.00539	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.00068	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	0.36700	0.36700	0.03450		DET	mg/kg
94-14-SO-08-02	03DEC94	.	0.00090	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.00062	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	0.00339	0.00339	0.00706		DET	mg/kg
94-14-SO-14-01	05DEC94	.	0.00687	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.05161	0.0602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	0.0107	0.01070	0.0631		DET	mg/kg
94-14-SO-08-01	03DEC94	.	0.28073	0.3450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	0.0480	0.04800	0.0613		DET	mg/kg
94-14-SO-11-02	02DEC94	.	0.02892	0.0581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.00570	0.0706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.05372	0.0688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	.0043038	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	.0057000	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	.0072160	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	.0006224	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	.0055738	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	.0019797	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	.0019534	0.00688	<	ND	mg/kg

N = 7

--------- RISK_GRP=14 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.001007	0.00602	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.004035	0.00631	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.032905	0.03450	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.004892	0.00613	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.000619	0.00581	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.001966	0.00706	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.002831	0.00688	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.16679	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.19634	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.10785	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.07784	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.21334	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.13710	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.05262	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.05659	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.20439	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.09625	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.24467	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.18885	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.32611	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.04183	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.22756	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.18237	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.26316	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.12984	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.35423	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.20032	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.14705	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.17204	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.18660	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.11493	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.36142	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.21860	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.30290	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.12390	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.30561	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.10555	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.01245	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.06800	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.27316	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.23237	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.05656	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.14162	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.37654	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.27908	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.15003	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.28898	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.11077	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.10341	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.01809	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.01917	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.12713	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.36450	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.05684	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.13522	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.07658	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.09661	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.24809	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.35321	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.29750	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.32943	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.11661	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.15069	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.10408	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.34852	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.31396	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.37559	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.03683	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.12090	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.24502	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.15965	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.34076	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.00465	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.30093	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.10736	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.32605	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.22642	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	0.0914	0.09140	0.398		DET	mg/kg
94-14-SO-04B-01	01DEC94	.	0.12553	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.31025	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.25319	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.27702	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.01621	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.17587	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.05743	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.40245	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.33139	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.35592	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.32214	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.27000	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.15185	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.26841	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.29113	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.18101	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.05552	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.26730	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.23585	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.17984	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.12457	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.30559	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.19635	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.04341	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.13231	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.05761	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.00426	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	0.111	0.11100	0.398		DET	mg/kg
94-14-SO-04B-01	01DEC94	.	0.05228	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.45290	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.05163	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.21256	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.02947	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.09786	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.31480	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.24511	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.03414	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.36608	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.03862	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.30854	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.11259	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.20376	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.23628	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.30326	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.22842	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.30515	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.20636	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.29655	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.32049	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.32183	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.37948	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.37354	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.36326	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.06816	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.29645	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.02185	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.32982	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.12838	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.15586	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.30210	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.09079	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.30106	0.330	<	ND	mg/kg

N = 7

-------- RISK_GRP=14 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.32267	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.22599	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.01024	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.21505	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.21250	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.19054	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.19124	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=14 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-01B-01	03DEC94	0.0849	0.0849	0.411		DET	mg/kg
94-14-SO-03B-01	01DEC94	0.1510	0.1510	0.398		DET	mg/kg
94-14-SO-04B-01	01DEC94	0.1040	0.1040	0.417		DET	mg/kg
94-14-SO-08-01	03DEC94	0.1540	0.1540	0.455		DET	mg/kg
94-14-SO-08-02	03DEC94	0.0360	0.0360	0.405		DET	mg/kg
94-14-SO-11-02	02DEC94	0.4130	0.4130	0.383		DET	mg/kg
94-14-SO-13-01	04DEC94	0.2740	0.2740	0.330		DET	mg/kg
94-14-SO-14-01	05DEC94	0.2310	0.2310	0.330		DET	mg/kg

N = 8

---------- RISK_GRP=14 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-14-SO-03B-01	01DEC94	.	0.23281	0.398	<	ND	mg/kg
94-14-SO-04B-01	01DEC94	.	0.26375	0.417	<	ND	mg/kg
94-14-SO-08-01	03DEC94	.	0.22583	0.455	<	ND	mg/kg
94-14-SO-08-02	03DEC94	.	0.21098	0.405	<	ND	mg/kg
94-14-SO-11-02	02DEC94	.	0.35533	0.383	<	ND	mg/kg
94-14-SO-13-01	04DEC94	.	0.02270	0.330	<	ND	mg/kg
94-14-SO-14-01	05DEC94	.	0.08438	0.330	<	ND	mg/kg

N = 7

---------- RISK_GRP=16 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04-02	25OCT94	267.00	267.00	86.7		DET	mg/kg
94-16-SO-04B-01	13DEC94	58.50	58.50	37.3		DET	mg/kg
94-16-SO-04B-02	13DEC94	9.75	9.75	41.4		DET	mg/kg
94-16-SO-05-01	13DEC94	26.00	26.00	39.3		DET	mg/kg
94-16-SO-06-01	13DEC94	200.00	200.00	76.6		DET	mg/kg
94-16-SO-07-02	13DEC94	20.20	20.20	37.1		DET	mg/kg
94-16-SO-10-01	14DEC94	41.80	41.80	37.1		DET	mg/kg

N = 7

---------- RISK_GRP=16 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-01-01	24OCT94	15.8	15.8	5		DET	mg/kg
94-16-SO-01-02	24OCT94	4.5	4.5	5		DET	mg/kg
94-16-SO-02-01	24OCT94	63.9	63.9	5		DET	mg/kg
94-16-SO-02-02	24OCT94	10.2	10.2	5		DET	mg/kg
94-16-SO-03-01	24OCT94	49.0	49.0	5		DET	mg/kg
94-16-SO-03-02	24OCT94	26.3	26.3	5		DET	mg/kg
94-16-SO-04-01	25OCT94	222.0	222.0	5		DET	mg/kg
94-16-SO-04-02	25OCT94	188.0	188.0	5		DET	mg/kg
94-16-SO-04B-03	13DEC94	11.8	11.8	5		DET	mg/kg
94-16-SO-05-01	13DEC94	8.7	8.7	5		DET	mg/kg
94-16-SO-05-02	13DEC94	11.9	11.9	5		DET	mg/kg
94-16-SO-05-03	13DEC94	7.8	7.8	5		DET	mg/kg
94-16-SO-06-01	13DEC94	137.0	137.0	5		DET	mg/kg
94-16-SO-06-02	13DEC94	11.9	11.9	5		DET	mg/kg
94-16-SO-06-03	13DEC94	8.7	8.7	5		DET	mg/kg

---------- RISK_GRP=16 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-07-01	13DEC94	8.0	8.0	5		DET	mg/kg
94-16-SO-07-02	13DEC94	13.9	13.9	5		DET	mg/kg
94-16-SO-07-03	13DEC94	7.9	7.9	5		DET	mg/kg
94-16-SO-09-01	14DEC94	11.9	11.9	5		DET	mg/kg
94-16-SO-10-01	14DEC94	20.5	20.5	5		DET	mg/kg
94-16-SO-11-01	14DEC94	13.6	13.6	5		DET	mg/kg

N = 21

---------- RISK_GRP=16 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	22.80	22.80	1.24		DET	mg/kg
94-16-SO-04B-02	13DEC94	17.10	17.10	1.38		DET	mg/kg
94-16-SO-05-01	13DEC94	13.20	13.20	1.31		DET	mg/kg
94-16-SO-06-01	13DEC94	16.60	16.60	1.28		DET	mg/kg
94-16-SO-07-02	13DEC94	8.92	8.92	1.24		DET	mg/kg
94-16-SO-10-01	14DEC94	26.60	26.60	1.24		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.1030	0.1030	0.248		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.0773	0.0773	0.276		DET	mg/kg
94-16-SO-05-01	13DEC94	0.0328	0.0328	0.262		DET	mg/kg
94-16-SO-06-01	13DEC94	0.0575	0.0575	0.255		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0322	0.0322	0.248		DET	mg/kg
94-16-SO-10-01	14DEC94	0.0840	0.0840	0.247		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.15	0.15	0.621		DET	mg/kg

---------- RISK_GRP=16 Method=SW6010 Analyte=Cadmium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-02	13DEC94	0.05110	0.05110	0.691		DET	mg/kg
94-16-SO-05-01	13DEC94	-0.07860	-0.07860	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	-0.01020	-0.01020	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	-0.05570	-0.05570	0.619		DET	mg/kg
94-16-SO-10-01	14DEC94	0.00742	0.00742	0.618		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	3.14	3.14	1.24		DET	mg/kg
94-16-SO-04B-02	13DEC94	2.69	2.69	1.38		DET	mg/kg
94-16-SO-05-01	13DEC94	1.56	1.56	1.31		DET	mg/kg
94-16-SO-06-01	13DEC94	2.17	2.17	1.28		DET	mg/kg
94-16-SO-07-02	13DEC94	1.22	1.22	1.24		DET	mg/kg
94-16-SO-10-01	14DEC94	2.69	2.69	1.24		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	1.6600	1.6600	1.24		DET	mg/kg
94-16-SO-04B-02	13DEC94	1.1700	1.1700	1.38		DET	mg/kg
94-16-SO-05-01	13DEC94	0.2960	0.2960	1.31		DET	mg/kg
94-16-SO-06-01	13DEC94	0.4810	0.4810	1.28		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0742	0.0742	1.24		DET	mg/kg
94-16-SO-10-01	14DEC94	0.9220	0.9220	1.24		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	2.25	2.25	2.48		DET	mg/kg
94-16-SO-04B-02	13DEC94	1.74	1.74	2.76		DET	mg/kg

---------- RISK_GRP=16 Method=SW6010 Analyte=Copper ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-05-01	13DEC94	0.311	0.311	2.62		DET	mg/kg
94-16-SO-06-01	13DEC94	0.787	0.787	2.55		DET	mg/kg
94-16-SO-07-02	13DEC94	0.213	0.213	2.48		DET	mg/kg
94-16-SO-10-01	14DEC94	1.960	1.960	2.47		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.0199	0.0199	1.24		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.0180	0.0180	1.38		DET	mg/kg
94-16-SO-05-01	13DEC94	-0.0930	-0.0930	1.31		DET	mg/kg
94-16-SO-06-01	13DEC94	0.1210	0.1210	1.28		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0817	0.0817	1.24		DET	mg/kg
94-16-SO-10-01	14DEC94	1.5300	1.5300	1.24		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	6.40	6.40	2.48		DET	mg/kg
94-16-SO-04B-02	13DEC94	5.19	5.19	2.76		DET	mg/kg
94-16-SO-05-01	13DEC94	3.41	3.41	2.62		DET	mg/kg
94-16-SO-06-01	13DEC94	4.60	4.60	2.55		DET	mg/kg
94-16-SO-07-02	13DEC94	2.26	2.26	2.48		DET	mg/kg
94-16-SO-10-01	14DEC94	7.08	7.08	2.47		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	8.74	8.74	2.48		DET	mg/kg
94-16-SO-04B-02	13DEC94	8.14	8.14	2.76		DET	mg/kg
94-16-SO-05-01	13DEC94	3.67	3.67	2.62		DET	mg/kg

---------- RISK_GRP=16 Method=SW6010 Analyte=Zinc ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-06-01	13DEC94	6.50	6.50	2.55		DET	mg/kg
94-16-SO-07-02	13DEC94	3.01	3.01	2.48		DET	mg/kg
94-16-SO-10-01	14DEC94	8.05	8.05	2.47		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	-2.1100	-2.1100	0.621		DET	mg/kg
94-16-SO-05-01	13DEC94	-0.0262	-0.0262	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	-0.6130	-0.6130	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0000	0.0000	0.619		DET	mg/kg
94-16-SO-10-01	14DEC94	-0.3090	-0.3090	0.618		DET	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.621	0.621	0.621		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.608	0.608	0.691		DET	mg/kg
94-16-SO-05-01	13DEC94	0.642	0.642	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	0.651	0.651	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	0.619	0.619	0.619		DET	mg/kg
94-16-SO-10-01	14DEC94	1.000	1.000	0.618		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	1.610	1.610	0.621		DET	mg/kg
94-16-SO-04B-02	13DEC94	1.500	1.500	0.691		DET	mg/kg
94-16-SO-05-01	13DEC94	0.944	0.944	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	1.120	1.120	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	1.110	1.110	0.619		DET	mg/kg

---------- RISK_GRP=16 Method=SW7421 Analyte=Lead ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-10-01	14DEC94	1.12	1.12	0.618		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.0000	0.0000	0.0248		DET	mg/kg
94-16-SO-05-01	13DEC94	0.0000	0.0000	0.0262		DET	mg/kg
94-16-SO-06-01	13DEC94	0.0000	0.0000	0.0255		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0000	0.0000	0.0248		DET	mg/kg
94-16-SO-10-01	14DEC94	0.0124	0.0124	0.0247		DET	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.2480	0.2480	0.621		DET	mg/kg
94-16-SO-04B-02	13DEC94	-0.1520	-0.1520	0.691		DET	mg/kg
94-16-SO-05-01	13DEC94	0.0786	0.0786	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	0.1790	0.1790	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	-0.1240	-0.1240	0.619		DET	mg/kg
94-16-SO-10-01	14DEC94	0.3210	0.3210	0.618		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.0000	0.0000	0.621		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.1520	0.1520	0.691		DET	mg/kg
94-16-SO-05-01	13DEC94	-0.0262	-0.0262	0.655		DET	mg/kg
94-16-SO-06-01	13DEC94	0.0000	0.0000	0.638		DET	mg/kg
94-16-SO-07-02	13DEC94	0.1240	0.1240	0.619		DET	mg/kg
94-16-SO-10-01	14DEC94	0.1110	0.1110	0.618		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0059536	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0041273	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0030517	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0043816	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0027339	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0002876	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0050935	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0050467	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0055338	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0027333	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0048260	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0004475	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0016343	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0031894	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0011239	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0048154	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0012718	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0008133	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0014998	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0002472	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.00211	0.00211	0.124		DET	mg/kg
94-16-SO-05-01	13DEC94	.	0.10667	0.131	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.03452	0.128	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.11168	0.124	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.08286	0.124	<	ND	mg/kg

N = 5

--------- RISK_GRP=16 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0019907	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0014859	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0017041	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0038616	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0037792	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.0602	0.06020	0.124		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.1220	0.12200	0.138		DET	mg/kg
94-16-SO-05-01	13DEC94	0.1170	0.11700	0.131		DET	mg/kg
94-16-SO-06-01	13DEC94	0.2310	0.23100	0.128		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0626	0.06260	0.124		DET	mg/kg
94-16-SO-10-01	14DEC94	.	0.08934	0.124	<	ND	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0037623	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0015382	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0062054	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0053090	.00619	<	ND	mg/kg

---------- RISK_GRP=16 Method=SW8260 Analyte=Benzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-10-01	14DEC94	.	.0052900	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0042839	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0004044	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.0046	.0046000	.00638		DET	mg/kg
94-16-SO-07-02	13DEC94	.	.0027711	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0037571	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0056300	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0006505	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0048259	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0049902	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0018768	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0016992	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0009511	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.00332	.0033200	.00638		DET	mg/kg
94-16-SO-07-02	13DEC94	.	.0042981	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0029387	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	0.0211	0.0211	0.0248		DET	mg/kg
94-16-SO-04B-02	13DEC94	0.0260	0.0260	0.0276		DET	mg/kg
94-16-SO-05-01	13DEC94	0.0343	0.0343	0.0262		DET	mg/kg
94-16-SO-06-01	13DEC94	0.0267	0.0267	0.0255		DET	mg/kg
94-16-SO-07-02	13DEC94	0.0158	0.0158	0.0248		DET	mg/kg
94-16-SO-10-01	14DEC94	0.0268	0.0268	0.0247		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0027007	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0004508	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0013144	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0030633	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0048887	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0036003	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0011435	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.00932	.0093200	.00638		DET	mg/kg
94-16-SO-07-02	13DEC94	.00619	.0061900	.00619		DET	mg/kg
94-16-SO-10-01	14DEC94	.	.0060910	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0053584	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0024065	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.00779	.0077900	.00638		DET	mg/kg
94-16-SO-07-02	13DEC94	.00483	.0048300	.00619		DET	mg/kg

---------- RISK_GRP=16 Method=SW8260 Analyte=Total xylenes ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-10-01	14DEC94	.	.0014779	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0008156	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0015273	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0043729	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0027687	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0004731	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.020291	0.0248	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.040695	0.0655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.031983	0.0638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.061810	0.0619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.024556	0.0247	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0022932	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0059179	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0055961	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0000293	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0008791	.00618	<	ND	mg/kg

N = 5

--------- RISK_GRP=16 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	.0024465	.00621	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	.0057445	.00655	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	.0008238	.00638	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	.0026210	.00619	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	.0012587	.00618	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.08700	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.23778	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.31082	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.24848	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.08253	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.20056	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.40408	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.01637	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.23639	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.16333	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.18752	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.25882	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.21880	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.20932	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.16146	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.36869	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.33618	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.36330	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.08072	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.25180	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.25512	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.09673	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.13331	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.25788	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.37090	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.14770	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.03365	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.09848	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.06125	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.16567	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.16146	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.39786	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.14373	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.29886	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.20377	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.14395	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.08313	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.38882	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.06790	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.02071	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.34375	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.23629	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.31906	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.09463	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.25030	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.16573	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.04614	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.25086	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.33481	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.28958	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.24365	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.24828	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.14875	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.05722	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.24314	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.21291	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.38094	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.14066	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.01719	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.19528	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.34937	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.29403	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.08510	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.33524	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.29953	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.17717	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.12523	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.14033	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.27585	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.25672	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.05729	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.29300	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.24826	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.31204	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.22831	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.31795	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.33846	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.17573	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.20503	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.39032	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.31142	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.13589	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.11338	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.22668	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.05904	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.39183	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.05694	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.15299	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.29758	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.07619	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.25111	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.06567	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.05565	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.11251	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.03360	0.408	<	ND	mg/kg

N = 5

-------- RISK_GRP=16 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.13497	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.11135	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.38809	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.31514	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.27041	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=16 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	6.200	6.200	0.410		DET	mg/kg
94-16-SO-04B-02	13DEC94	7.460	7.460	0.456		DET	mg/kg
94-16-SO-05-01	13DEC94	6.870	6.870	0.432		DET	mg/kg
94-16-SO-06-01	13DEC94	2.270	2.270	0.421		DET	mg/kg
94-16-SO-07-02	13DEC94	5.940	5.940	0.408		DET	mg/kg
94-16-SO-10-01	14DEC94	0.131	0.131	0.408		DET	mg/kg

N = 6

---------- RISK_GRP=16 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-16-SO-04B-01	13DEC94	.	0.37726	0.410	<	ND	mg/kg
94-16-SO-05-01	13DEC94	.	0.21207	0.432	<	ND	mg/kg
94-16-SO-06-01	13DEC94	.	0.01104	0.421	<	ND	mg/kg
94-16-SO-07-02	13DEC94	.	0.02579	0.408	<	ND	mg/kg
94-16-SO-10-01	14DEC94	.	0.09067	0.408	<	ND	mg/kg

N = 5

---------- RISK_GRP=19 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-19-SO-11-01	01NOV94	160	160	63.6		DET	mg/kg

N = 1

---------- RISK_GRP=19 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-19-SO-01-01	26OCT94	25.5	25.5	5		DET	mg/kg
94-19-SO-01-02	26OCT94	15.2	15.2	5		DET	mg/kg
94-19-SO-02-01	26OCT94	1230.0	1230.0	50		DET	mg/kg
94-19-SO-02-02	26OCT94	324.0	324.0	5		DET	mg/kg
94-19-SO-03-01	26OCT94	5.2	5.2	5		DET	mg/kg
94-19-SO-03-02	26OCT94	8.6	8.6	5		DET	mg/kg
94-19-SO-04-01	26OCT94	74.5	74.5	5		DET	mg/kg
94-19-SO-04-02	26OCT94	648.0	648.0	50		DET	mg/kg
94-19-SO-05-01	26OCT94	17.5	17.5	5		DET	mg/kg
94-19-SO-05-02	26OCT94	2110.0	2110.0	50		DET	mg/kg
94-19-SO-05-03	26OCT94	4670.0	4670.0	50	>	DET	mg/kg
94-19-SO-06-01	26OCT94	36.3	36.3	5		DET	mg/kg
94-19-SO-06-02	26OCT94	2160.0	2160.0	50		DET	mg/kg
94-19-SO-07-01	26OCT94	125.0	125.0	5		DET	mg/kg
94-19-SO-07-02	26OCT94	292.0	292.0	5		DET	mg/kg
94-19-SO-08-01	26OCT94	59.9	59.9	5		DET	mg/kg
94-19-SO-08-02	26OCT94	4330.0	4330.0	50		DET	mg/kg
94-19-SO-09-01	26OCT94	30.1	30.1	5		DET	mg/kg
94-19-SO-09-02	26OCT94	11800.0	11800.0	125	>	DET	mg/kg
94-19-SO-10-01	01NOV94	25.6	25.6	5		DET	mg/kg
94-19-SO-11-01	01NOV94	220.0	220.0	5		DET	mg/kg

N = 21

---------- RISK_GRP=20 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-20-SO-01-01	26OCT94	14.8	14.8	5		DET	mg/kg
94-20-SO-01-02	26OCT94	22.0	22.0	5		DET	mg/kg
94-20-SO-02-01	26OCT94	27.2	27.2	5		DET	mg/kg
94-20-SO-02-02	26OCT94	53.0	53.0	5		DET	mg/kg
94-20-SO-03-01	26OCT94	9.1	9.1	5		DET	mg/kg
94-20-SO-03-02	26OCT94	10.1	10.1	5		DET	mg/kg
94-20-SO-04-01	26OCT94	77.0	77.0	5		DET	mg/kg
94-20-SO-04-02	26OCT94	18.2	18.2	5		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	23300.00	23300.00	7640.0		DET	mg/kg
94-23-SO-02B-04	04DEC94	4.13	4.13	37.5		DET	mg/kg
94-23-SO-04-02	23OCT94	268.00	268.00	74.3		DET	mg/kg
94-23-SO-04B-02	03DEC94	12400.00	12400.00	1910.0		DET	mg/kg
94-23-SO-04B-04	03DEC94	25.30	25.30	37.2		DET	mg/kg
94-23-SO-05-01	06NOV94	31.90	31.90	39.0		DET	mg/kg
94-23-SO-06-02	04DEC94	50.60	50.60	35.5		DET	mg/kg
94-23-SO-10-01	07NOV94	38.20	38.20	40.5		DET	mg/kg
94-23-SO-12-01	13DEC94	9.98	9.98	42.4		DET	mg/kg

N = 9

---------- RISK_GRP=23 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-01-01	23OCT94	54.4	54.4	5		DET	mg/kg
94-23-SO-01-02	23OCT94	80.6	80.6	5		DET	mg/kg
94-23-SO-02-01	23OCT94	10.3	10.3	5		DET	mg/kg
94-23-SO-02-02	23OCT94	11000.0	11000.0	125	>	DET	mg/kg
94-23-SO-02B-01	03DEC94	13500.0	13500.0	250		DET	mg/kg
94-23-SO-02B-02	04DEC94	21800.0	21800.0	250		DET	mg/kg
94-23-SO-02B-03	03DEC94	39.8	39.8	5		DET	mg/kg
94-23-SO-02B-04	04DEC94	5.9	5.9	5		DET	mg/kg
94-23-SO-03-01	23OCT94	16.9	16.9	5		DET	mg/kg
94-23-SO-03-02	23OCT94	95.1	95.1	5		DET	mg/kg
94-23-SO-04-01	23OCT94	27.0	27.0	5		DET	mg/kg
94-23-SO-04-02	23OCT94	418.0	418.0	5		DET	mg/kg
94-23-SO-04B-01	03DEC94	2020.0	2020.0	50		DET	mg/kg
94-23-SO-04B-02	03DEC94	1910.0	1910.0	50		DET	mg/kg
94-23-SO-04B-03	03DEC94	130.0	130.0	5		DET	mg/kg
94-23-SO-04B-04	03DEC94	7.8	7.8	5		DET	mg/kg
94-23-SO-05-01	06NOV94	-1.7	-1.7	5		DET	mg/kg
94-23-SO-05-02	06NOV94	-2.9	-2.9	5		DET	mg/kg
94-23-SO-06-01	04DEC94	27.3	27.3	5		DET	mg/kg
94-23-SO-06-02	04DEC94	6.9	6.9	5		DET	mg/kg
94-23-SO-07-01	04DEC94	2.9	2.9	5		DET	mg/kg
94-23-SO-07-02	04DEC94	6.5	6.5	5		DET	mg/kg
94-23-SO-08-01	04DEC94	7.9	7.9	5		DET	mg/kg
94-23-SO-08-02	04DEC94	7.9	7.9	5		DET	mg/kg
94-23-SO-09-01	07NOV94	0.0	0.0	5		DET	mg/kg
94-23-SO-09-02	07NOV94	-0.9	-0.9	5		DET	mg/kg
94-23-SO-10-01	07NOV94	70.8	70.8	5		DET	mg/kg
94-23-SO-11-01	13DEC94	7.9	7.9	5		DET	mg/kg
94-23-SO-12-01	13DEC94	7.9	7.9	5		DET	mg/kg

N = 29

RISK_GRP=23 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	27.90	27.90	1.27		DET	mg/kg
94-23-SO-02B-04	04DEC94	34.70	34.70	1.25		DET	mg/kg
94-23-SO-04B-02	03DEC94	38.90	38.90	1.27		DET	mg/kg
94-23-SO-04B-04	03DEC94	20.60	20.60	1.24		DET	mg/kg
94-23-SO-05-01	06NOV94	12.40	12.40	1.30		DET	mg/kg
94-23-SO-06-02	04DEC94	15.30	15.30	1.18		DET	mg/kg
94-23-SO-10-01	07NOV94	6.34	6.34	1.35		DET	mg/kg
94-23-SO-12-01	13DEC94	30.40	30.40	1.41		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Beryllium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	0.1080	0.1080	0.255		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.1150	0.1150	0.250		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.1120	0.1120	0.254		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.0844	0.0844	0.248		DET	mg/kg
94-23-SO-05-01	06NOV94	0.0558	0.0558	0.260		DET	mg/kg
94-23-SO-06-02	04DEC94	0.0640	0.0640	0.237		DET	mg/kg
94-23-SO-10-01	07NOV94	0.0351	0.0351	0.270		DET	mg/kg
94-23-SO-12-01	13DEC94	0.0820	0.0820	0.283		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Cadmium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	0.49600	0.49600	0.637		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.02630	0.02630	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.13400	0.13400	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.05580	0.05580	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.01820	0.01820	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	0.00355	0.00355	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	-0.00540	-0.00540	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	0.09900	0.09900	0.707		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Chromium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	4.88	4.88	1.27		DET	mg/kg
94-23-SO-02B-04	04DEC94	3.78	3.78	1.25		DET	mg/kg
94-23-SO-04B-02	03DEC94	5.37	5.37	1.27		DET	mg/kg
94-23-SO-04B-04	03DEC94	2.42	2.42	1.24		DET	mg/kg
94-23-SO-05-01	06NOV94	2.17	2.17	1.30		DET	mg/kg
94-23-SO-06-02	04DEC94	3.42	3.42	1.18		DET	mg/kg
94-23-SO-10-01	07NOV94	2.09	2.09	1.35		DET	mg/kg
94-23-SO-12-01	13DEC94	3.07	3.07	1.41		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Cobalt

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	1.800	1.800	1.27		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.996	0.996	1.25		DET	mg/kg
94-23-SO-04B-02	03DEC94	1.370	1.370	1.27		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.700	0.700	1.24		DET	mg/kg
94-23-SO-05-01	06NOV94	0.510	0.510	1.30		DET	mg/kg
94-23-SO-06-02	04DEC94	0.208	0.208	1.18		DET	mg/kg
94-23-SO-10-01	07NOV94	0.530	0.530	1.35		DET	mg/kg
94-23-SO-12-01	13DEC94	1.680	1.680	1.41		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Copper

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	1.640	1.640	2.55		DET	mg/kg
94-23-SO-02B-04	04DEC94	1.290	1.290	2.50		DET	mg/kg
94-23-SO-04B-02	03DEC94	2.910	2.910	2.54		DET	mg/kg
94-23-SO-04B-04	03DEC94	1.010	1.010	2.48		DET	mg/kg
94-23-SO-05-01	06NOV94	0.374	0.374	2.60		DET	mg/kg
94-23-SO-06-02	04DEC94	0.319	0.319	2.37		DET	mg/kg
94-23-SO-10-01	07NOV94	0.438	0.438	2.70		DET	mg/kg
94-23-SO-12-01	13DEC94	1.400	1.400	2.83		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Silver

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	0.4930	0.4930	1.27		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.2790	0.2790	1.25		DET	mg/kg
94-23-SO-04B-02	03DEC94	-0.1030	-0.1030	1.27		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.0298	0.0298	1.24		DET	mg/kg
94-23-SO-05-01	06NOV94	0.0117	0.0117	1.30		DET	mg/kg
94-23-SO-06-02	04DEC94	0.0426	0.0426	1.18		DET	mg/kg
94-23-SO-10-01	07NOV94	0.0419	0.0419	1.35		DET	mg/kg
94-23-SO-12-01	13DEC94	1.6300	1.6300	1.41		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Vanadium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	8.60	8.60	2.55		DET	mg/kg
94-23-SO-02B-04	04DEC94	7.86	7.86	2.50		DET	mg/kg
94-23-SO-04B-02	03DEC94	9.07	9.07	2.54		DET	mg/kg
94-23-SO-04B-04	03DEC94	5.25	5.25	2.48		DET	mg/kg
94-23-SO-05-01	06NOV94	6.95	6.95	2.60		DET	mg/kg
94-23-SO-06-02	04DEC94	6.40	6.40	2.37		DET	mg/kg
94-23-SO-10-01	07NOV94	3.97	3.97	2.70		DET	mg/kg
94-23-SO-12-01	13DEC94	6.78	6.78	2.83		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW6010 Analyte=Zinc

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	8.82	8.82	2.55		DET	mg/kg
94-23-SO-02B-04	04DEC94	7.98	7.98	2.50		DET	mg/kg
94-23-SO-04B-02	03DEC94	13.10	13.10	2.54		DET	mg/kg
94-23-SO-04B-04	03DEC94	6.26	6.26	2.48		DET	mg/kg
94-23-SO-05-01	06NOV94	5.19	5.19	2.60		DET	mg/kg
94-23-SO-06-02	04DEC94	4.28	4.28	2.37		DET	mg/kg
94-23-SO-10-01	07NOV94	4.38	4.38	2.70		DET	mg/kg
94-23-SO-12-01	13DEC94	7.64	7.64	2.83		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW7041 Analyte=Antimony

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	-2.870	-2.870	0.637		DET	mg/kg
94-23-SO-02B-04	04DEC94	-2.160	-2.160	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	-0.700	-0.700	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	-0.707	-0.707	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	1.210	1.210	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	-1.490	-1.490	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	0.770	0.770	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	1.000	1.000	0.707		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW7060 Analyte=Arsenic

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	-0.0637	-0.0637	0.637		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.6510	0.6510	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.7250	0.7250	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.4960	0.4960	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.2470	0.2470	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	2.0300	2.0300	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	-0.1220	-0.1220	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	0.8200	0.8200	0.707		DET	mg/kg

N = 8

RISK_GRP=23 Method=SW7421 Analyte=Lead

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	3.80	3.80	0.637		DET	mg/kg
94-23-SO-02B-04	04DEC94	1.86	1.86	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	4.62	4.62	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	1.24	1.24	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.74	0.74	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	2.62	2.62	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	1.07	1.07	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	1.09	1.09	0.707		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	0.000	0.000	0.0250		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.000	0.000	0.0254		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.000	0.000	0.0248		DET	mg/kg
94-23-SO-05-01	06NOV94	0.011	0.011	0.0260		DET	mg/kg
94-23-SO-06-02	04DEC94	0.000	0.000	0.0237		DET	mg/kg
94-23-SO-10-01	07NOV94	0.012	0.012	0.0270		DET	mg/kg
94-23-SO-12-01	13DEC94	0.000	0.000	0.0283		DET	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	0.0000	0.0000	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	-0.1270	-0.1270	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.4960	0.4960	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.4800	0.4800	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	-0.1070	-0.1070	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	-0.0540	-0.0540	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	-0.0566	-0.0566	0.707		DET	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	-0.2420	-0.2420	0.637		DET	mg/kg
94-23-SO-02B-04	04DEC94	-0.4000	-0.4000	0.626		DET	mg/kg
94-23-SO-04B-02	03DEC94	-0.1270	-0.1270	0.636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.2480	0.2480	0.620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.3900	0.3900	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	0.1420	0.1420	0.592		DET	mg/kg
94-23-SO-10-01	07NOV94	0.3510	0.3510	0.676		DET	mg/kg
94-23-SO-12-01	13DEC94	0.0283	0.0283	0.707		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	.	1.07108	1.59000	<	ND	mg/kg
94-23-SO-02B-04	04DEC94	.00150	0.00150	0.00626		DET	mg/kg
94-23-SO-04B-02	03DEC94	.	0.00420	0.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.00174	0.00174	0.00620		DET	mg/kg
94-23-SO-05-01	06NOV94	.	0.00522	0.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.00130	0.00130	0.00592		DET	mg/kg
94-23-SO-10-01	07NOV94	.	0.00349	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00661	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0004270	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0037509	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0050127	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0022984	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0057606	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0002575	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0059871	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	.	1.37481	1.59000	<	ND	mg/kg
94-23-SO-02B-04	04DEC94	0.00150	0.00150	0.00626		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.16000	0.16000	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.00022	0.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.00122	0.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	0.00142	0.00142	0.00592		DET	mg/kg
94-23-SO-10-01	07NOV94	.	0.00548	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00179	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	0.41400	0.41400	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.00138	0.00138	0.00626		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.11000	0.11000	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.00161	0.00161	0.00620		DET	mg/kg
94-23-SO-05-01	06NOV94	.	0.00031	0.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	0.00142	0.00142	0.00592		DET	mg/kg
94-23-SO-10-01	07NOV94	.	0.00475	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00422	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	13.4000	13.4000	31.800		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.0105	0.0105	0.125		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.0047	0.0047	0.127		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.1850	0.1850	0.124		DET	mg/kg
94-23-SO-05-01	06NOV94	.	0.0187	0.130	<	NO	mg/kg
94-23-SO-06-02	04DEC94	0.0024	0.0024	0.118		DET	mg/kg
94-23-SO-10-01	07NOV94	.	0.1345	0.135	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.0053	0.141	<	ND	mg/kg

N = 8

--------- RISK_GRP=23 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0016011	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0036270	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0021023	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0006262	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0054004	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0038277	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0014625	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	4.71000	4.71000	31.800		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.22400	0.22400	0.125		DET	mg/kg
94-23-SO-04B-02	03DEC94	8.64000	8.64000	0.127		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.28700	0.28700	0.124		DET	mg/kg
94-23-SO-05-01	06NOV94	0.84300	0.84300	0.649		DET	mg/kg
94-23-SO-06-02	04DEC94	0.32600	0.32600	0.118		DET	mg/kg
94-23-SO-10-01	07NOV94	0.00959	0.00959	0.135		DET	mg/kg
94-23-SO-12-01	13DEC94	1.10000	1.10000	0.141		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	1.02000	1.02000	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	.	0.00069	0.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.00356	0.00356	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.00161	0.00161	0.00620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.00195	0.00195	0.00649		DET	mg/kg
94-23-SO-06-02	04DEC94	.	0.00181	0.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.00316	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00193	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	4.20000	4.20000	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	.	0.00398	0.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.02420	0.02420	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.00584	0.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	0.01650	0.01650	0.00649		DET	mg/kg
94-23-SO-06-02	04DEC94	.	0.00394	0.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.00487	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	0.00693	0.00693	0.00707		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0034831	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0039350	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0023451	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0025995	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0030741	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0030243	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0020811	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	5.4800	5.48000	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	.	0.00146	0.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.0788	0.07880	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.00152	0.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	0.0039	0.00390	0.00649		DET	mg/kg
94-23-SO-06-02	04DEC94	.	0.00442	0.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.00216	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00213	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	4.65000	4.65000	6.3700		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.01700	0.01700	0.0250		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.01620	0.01620	0.0254		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.01320	0.01320	0.0248		DET	mg/kg
94-23-SO-05-01	06NOV94	0.02560	0.02560	0.0260		DET	mg/kg
94-23-SO-06-02	04DEC94	0.00877	0.00877	0.0237		DET	mg/kg
94-23-SO-10-01	07NOV94	0.01460	0.01460	0.0270		DET	mg/kg
94-23-SO-12-01	13DEC94	0.01030	0.01030	0.0283		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0029111	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0058744	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0045925	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0032083	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0042913	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0020345	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0046075	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	12.3000	12.3000	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	0.0025	0.0025	0.00626		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.0388	0.0388	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.0043	0.0043	0.00620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.0110	0.0110	0.00649		DET	mg/kg
94-23-SO-06-02	04DEC94	0.0017	0.0017	0.00592		DET	mg/kg
94-23-SO-10-01	07NOV94	0.0026	0.0026	0.00676		DET	mg/kg
94-23-SO-12-01	13DEC94	.	0.0037	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	13.9000	13.9000	1.59000		DET	mg/kg
94-23-SO-02B-04	04DEC94	.	0.0060	0.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.1410	0.1410	0.00636		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.0038	0.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	0.0064	0.0064	0.00649		DET	mg/kg
94-23-SO-06-02	04DEC94	.	0.0054	0.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.0030	0.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.0011	0.00707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0019107	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0058169	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0027080	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0046654	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0024210	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0066088	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0006067	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	.	8.18350	15.9000	<	ND	mg/kg
94-23-SO-02B-04	04DEC94	0.00450	0.00450	0.0626		DET	mg/kg
94-23-SO-04B-02	03DEC94	.	0.02505	0.0636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	0.00496	0.00496	0.0620		DET	mg/kg
94-23-SO-05-01	06NOV94	0.01960	0.01960	0.0649		DET	mg/kg
94-23-SO-06-02	04DEC94	.	0.02022	0.0592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.05270	0.0676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.03524	0.0707	<	ND	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0047526	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0045841	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0044032	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0059223	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0058648	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0024360	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0063643	.00707	<	ND	mg/kg

N = 7

--------- RISK_GRP=23 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	.0022232	.00626	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	.0012590	.00636	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	.0048274	.00620	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	.0051836	.00649	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	.0026432	.00592	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	.0020776	.00676	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	.0065334	.00707	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.31766	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.219	0.21900	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.27006	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.15948	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.23245	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.30106	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.13432	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.05519	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.177	0.17700	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.31120	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.41664	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.10827	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.15174	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.05450	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.32200	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	3.85	3.85000	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.04844	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.15362	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.00191	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.34285	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.02857	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.14502	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	1.62	1.62000	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.32240	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.12404	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.24436	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.35822	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00559	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.36027	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.807	0.80700	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.04678	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.02874	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.15253	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.14759	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.01532	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.15403	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.0882	0.08820	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.10929	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.03160	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.30714	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.38602	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	0.2190	0.21900	0.467		DET	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.02601	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.40292	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.03224	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.28157	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.26313	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.09992	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.16619	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.35680	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.118	0.11800	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.16044	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.11733	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.24957	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.03304	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.19784	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.13164	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.06059	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.18402	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.19202	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.18588	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.03142	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.42530	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.18434	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.0588	0.05880	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.31671	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.39341	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.02597	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.43518	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.19571	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.03117	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.31613	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.24670	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.29944	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.13858	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.03658	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.15951	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.23216	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.29749	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.14237	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.16935	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.30809	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.08255	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.06767	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.25609	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	2.65	2.65000	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.22022	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.41422	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.00544	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.05745	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.21429	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.14837	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.0588	0.05880	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.24576	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.28262	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.08595	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.36591	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.39102	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.19252	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	0.084	0.08400	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.29810	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.31899	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.19263	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.31742	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.08964	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.00491	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.08350	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.09218	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.26360	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.01639	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.31803	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.11574	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.25546	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.36709	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.15752	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.29739	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.18120	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.23797	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.35182	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.18440	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.19132	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.01429	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.03602	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.20494	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.34282	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.09781	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.09013	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.32224	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.13633	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.34256	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.00780	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.40127	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.00577	0.467	<	ND	mg/kg

N = 7

-------- RISK_GRP=23 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.36784	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	3.13	3.13000	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	.	0.01651	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.33507	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.21960	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.12783	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.01241	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=23 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-02	04DEC94	4.300	4.300	0.588		DET	mg/kg
94-23-SO-02B-04	04DEC94	2.930	2.930	0.413		DET	mg/kg
94-23-SO-04B-02	03DEC94	0.566	0.566	0.420		DET	mg/kg
94-23-SO-04B-04	03DEC94	0.274	0.274	0.330		DET	mg/kg
94-23-SO-05-01	06NOV94	0.326	0.326	0.428		DET	mg/kg
94-23-SO-06-02	04DEC94	0.208	0.208	0.330		DET	mg/kg
94-23-SO-10-01	07NOV94	0.361	0.361	0.446		DET	mg/kg
94-23-SO-12-01	13DEC94	7.420	7.420	0.467		DET	mg/kg

N = 8

---------- RISK_GRP=23 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-23-SO-02B-04	04DEC94	.	0.35886	0.413	<	ND	mg/kg
94-23-SO-04B-02	03DEC94	.	0.10517	0.420	<	ND	mg/kg
94-23-SO-04B-04	03DEC94	.	0.14514	0.330	<	ND	mg/kg
94-23-SO-05-01	06NOV94	.	0.16493	0.428	<	ND	mg/kg
94-23-SO-06-02	04DEC94	.	0.01292	0.330	<	ND	mg/kg
94-23-SO-10-01	07NOV94	.	0.10193	0.446	<	ND	mg/kg
94-23-SO-12-01	13DEC94	.	0.44053	0.467	<	ND	mg/kg

N = 7

---------- RISK_GRP=24 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-24-SO-01-01	01NOV94	16.8	16.8	5		DET	mg/kg
94-24-SO-01-02	01NOV94	13.9	13.9	5		DET	mg/kg
94-24-SO-02-01	01NOV94	8.0	8.0	5		DET	mg/kg
94-24-SO-02-02	01NOV94	9.0	9.0	5		DET	mg/kg
94-24-SO-03-01	01NDV94	35.3	35.3	5		DET	mg/kg
94-24-SO-03-02	01NOV94	9.7	9.7	5		DET	mg/kg
94-24-SO-04-01	01NOV94	10.0	10.0	5		DET	mg/kg
94-24-SO-04-02	01NOV94	1.6	1.6	5		DET	mg/kg

N = 8

---------- RISK_GRP=25 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-25-SO-01-01	24OCT94	17.8	17.8	5		DET	mg/kg
94-25-SO-01-02	24OCT94	2.8	2.8	5		DET	mg/kg
94-25-SO-04-01	24OCT94	4.8	4.8	5		DET	mg/kg
94-25-SO-04-02	24OCT94	3.9	3.9	5		DET	mg/kg
94-25-SO-05-01	05NOV94	20.9	20.9	5		DET	mg/kg
94-25-SO-05-02	05NOV94	5.7	5.7	5		DET	mg/kg

N = 6

---------- RISK_GRP=27 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	2900.0	2900.0	1530.0		DET	mg/kg
94-27-SO-01B-02	05DEC94	399.0	399.0	77.8		DET	mg/kg
94-27-SO-02-01	03NOV94	1220.0	1220.0	310.0		DET	mg/kg
94-27-SO-04B-01	04DEC94	6430.0	6430.0	1810.0		DET	mg/kg
94-27-SO-04B-03	05DEC94	14.7	14.7	36.2		DET	mg/kg
94-27-SO-08-01	05NOV94	2280.0	2280.0	660.0		DET	mg/kg
94-27-SO-08-02	05NOV94	15.7	15.7	35.2		DET	mg/kg
94-27-SO-11B-01	04DEC94	547.0	547.0	144.0		DET	mg/kg
94-27-SO-16B-01	04DEC94	81.5	81.5	36.5		DET	mg/kg
94-27-SO-19B-02	16DEC94	50.7	50.7	37.1		DET	mg/kg
94-27-SO-20-01	04DEC94	38.6	38.6	38.0		DET	mg/kg
94-27-SO-22-03	04DEC94	44.4	44.4	38.5		DET	mg/kg
94-27-SO-23-01	04DEC94	50.6	50.6	35.5		DET	mg/kg
94-27-SO-25-01	04DEC94	94.2	94.2	35.7		DET	mg/kg
94-27-SO-27-02	15DEC94	113.0	113.0	43.5		DET	mg/kg
94-27-SO-28-02	17DEC94	705.0	705.0	357.0		DET	mg/kg
94-27-SO-33-01	17DEC94	10.7	10.7	37.0		DET	mg/kg

N = 17

---------- RISK_GRP=27 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01-01	05NOV94	8350.0	8350.0	125		DET	mg/kg
94-27-SO-01-02	05NOV94	7.7	7.7	5		DET	mg/kg
94-27-SO-01B-03	05DEC94	102.0	102.0	5		DET	mg/kg
94-27-SO-02-01	03NOV94	1640.0	1640.0	50		DET	mg/kg
94-27-SO-02-02	03NOV94	1110.0	1110.0	50		DET	mg/kg
94-27-SO-03-01	05NOV94	4270.0	4270.0	50	>	DET	mg/kg

RISK_GRP=27 Method=E418.1M Analyte=TRPH
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-03-02	05NOV94	9.8	9.8	5		DET	mg/kg
94-27-SO-04-01	03NOV94	18500.0	18500.0	500		DET	mg/kg
94-27-SO-04-02	03NOV94	1110.0	1110.0	50		DET	mg/kg
94-27-SO-04B-02	05DEC94	76.2	76.2	5		DET	mg/kg
94-27-SO-04B-03	05DEC94	6.9	6.9	5		DET	mg/kg
94-27-SO-05-01	03NOV94	11900.0	11900.0	125	>	DET	mg/kg
94-27-SO-06-01	03NOV94	4740.0	4740.0	50	>	DET	mg/kg
94-27-SO-07-01	03NOV94	1470.0	1470.0	50		DET	mg/kg
94-27-SO-08-01	05NOV94	4730.0	4730.0	125		DET	mg/kg
94-27-SO-08-02	05NOV94	5.0	5.0	5		DET	mg/kg
94-27-SO-09-01	03NOV94	6.0	6.0	5		DET	mg/kg
94-27-SO-09B-01	04DEC94	599.0	599.0	10		DET	mg/kg
94-27-SO-09B-02	04DEC94	6.9	6.9	5		DET	mg/kg
94-27-SO-10-01	03NOV94	369.0	369.0	5		DET	mg/kg
94-27-SO-11-01	03NOV94	12400.0	12400.0	125	>	DET	mg/kg
94-27-SO-11B-02	15DEC94	12400.0	12400.0	125	>	DET	mg/kg
94-27-SO-11B-03	15DEC94	8.9	8.9	5		DET	mg/kg
94-27-SO-12-01	05NOV94	253.0	253.0	5		DET	mg/kg
94-27-SO-12-02	05NOV94	4.2	4.2	5		DET	mg/kg
94-27-SO-13-01	03NOV94	1320.0	1320.0	50		DET	mg/kg
94-27-SO-14-01	05NOV94	1.9	1.9	5		DET	mg/kg
94-27-SO-14-02	05NOV94	4.3	4.3	5		DET	mg/kg
94-27-SO-15-01	03NOV94	7.8	7.8	5		DET	mg/kg
94-27-SO-15-02	03NOV94	7.7	7.7	5		DET	mg/kg
94-27-SO-16-01	03NOV94	3.8	3.8	5		DET	mg/kg
94-27-SO-16B-02	15DEC94	1410.0	1410.0	50		DET	mg/kg
94-27-SO-16B-03	15DEC94	9.9	9.9	5		DET	mg/kg
94-27-SO-17-01	03NOV94	1530.0	1530.0	50		DET	mg/kg
94-27-SO-17B-01	04DEC94	5370.0	5370.0	125		DET	mg/kg
94-27-SO-17B-02	04DEC94	7.9	7.9	5		DET	mg/kg
94-27-SO-19B-01	16DEC94	30.5	30.5	5		DET	mg/kg
94-27-SO-19B-02	16DEC94	101.0	101.0	5		DET	mg/kg
94-27-SO-19B-03	16DEC94	5.9	5.9	5		DET	mg/kg
94-27-SO-20-01	04DEC94	54.2	54.2	5		DET	mg/kg
94-27-SO-21-01	04DEC94	72.3	72.3	5		DET	mg/kg
94-27-SO-21-02	16DEC94	9.7	9.7	5		DET	mg/kg
94-27-SO-21-03	16DEC94	6.9	6.9	5		DET	mg/kg
94-27-SO-22-01	04DEC94	26.7	26.7	5		DET	mg/kg
94-27-SO-22-02	04DEC94	24.5	24.5	5		DET	mg/kg
94-27-SO-22-03	04DEC94	8.6	8.6	5		DET	mg/kg
94-27-SO-23-01	04DEC94	30.7	30.7	5		DET	mg/kg
94-27-SO-23-01	15DEC94	40.2	40.2	5		DET	mg/kg
94-27-SO-23-02	15DEC94	6.9	6.9	5		DET	mg/kg
94-27-SO-23-03	15DEC94	6.6	6.6	5		DET	mg/kg
94-27-SO-24-01	04DEC94	643.0	643.0	10		DET	mg/kg
94-27-SO-24-02	04DEC94	92.6	92.6	5		DET	mg/kg
94-27-SO-24-03	04DEC94	10.9	10.9	5		DET	mg/kg
94-27-SO-25-01	04DEC94	15.8	15.8	5		DET	mg/kg

RISK_GRP=27 Method=E418.1M Analyte=TRPH
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-25-02	04DEC94	698.0	698.0	25		DET	mg/kg
94-27-SO-25-03	04DEC94	4.8	4.8	5		DET	mg/kg
94-27-SO-26-01	16DEC94	60.1	60.1	5		DET	mg/kg
94-27-SO-26-02	16DEC94	5050.0	5050.0	125		DET	mg/kg
94-27-SO-26-03	16DEC94	8.8	8.8	5		DET	mg/kg
94-27-SO-27-01	04DEC94	38.4	38.4	5		DET	mg/kg
94-27-SO-27-02	15DEC94	492.0	492.0	5		DET	mg/kg
94-27-SO-27-03	15DEC94	4.9	4.9	5		DET	mg/kg
94-27-SO-28-01	17DEC94	36.9	36.9	5		DET	mg/kg
94-27-SO-28-02	17DEC94	1190.0	1190.0	50		DET	mg/kg
94-27-SO-28-03	17DEC94	489.0	489.0	5		DET	mg/kg
94-27-SO-28-04	17DEC94	22.3	22.3	5		DET	mg/kg
94-27-SO-29-01	16DEC94	37.0	37.0	5		DET	mg/kg
94-27-SO-29-02	16DEC94	102.0	102.0	5		DET	mg/kg
94-27-SO-29-03	16DEC94	8.5	8.5	5		DET	mg/kg
94-27-SO-30-01	16DEC94	23.2	23.2	5		DET	mg/kg
94-27-SO-30-02	16DEC94	5.7	5.7	5		DET	mg/kg
94-27-SO-31-01	16DEC94	31.7	31.7	5		DET	mg/kg
94-27-SO-31-02	16DEC94	15.8	15.8	5		DET	mg/kg
94-27-SO-32-01	17DEC94	1270.0	1270.0	50		DET	mg/kg
94-27-SO-32-02	17DEC94	10.7	10.7	5		DET	mg/kg
94-27-SO-33-01	17DEC94	4.9	4.9	5		DET	mg/kg
94-27-SO-34-01	17DEC94	6.5	6.5	5		DET	mg/kg
94-27-SO-35-01	17DEC94	6.8	6.8	5		DET	mg/kg
94-27-SO-36-01	17DEC94	3.9	3.9	5		DET	mg/kg
94-27-SO-36-02	17DEC94	7.7	7.7	5		DET	mg/kg
94-27-SO-37-01	17DEC94	99.0	99.0	5		DET	mg/kg
94-27-SO-37-02	17DEC94	11000.0	11000.0	125		DET	mg/kg
94-27-SO-37-03	17DEC94	9.9	9.9	5		DET	mg/kg
94-27-SO-38-01	17DEC94	16.7	16.7	5		DET	mg/kg
94-27-SO-39-01	17DEC94	41.2	41.2	5		DET	mg/kg
94-27-SO-40-01	17DEC94	3.0	3.0	5		DET	mg/kg
94-27-SO-40-02	17DEC94	5.9	5.9	5		DET	mg/kg
94-27-SO-41-01	17DEC94	24.6	24.6	5		DET	mg/kg
94-27-SO-41-02	17DEC94	29.3	29.3	5		DET	mg/kg

N = 89

RISK_GRP=27 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	16	16	1.28		DET	mg/kg
94-27-SO-01B-02	05DEC94	10	10	1.30		DET	mg/kg

---------- RISK_GRP=27 Method=SW6010 Analyte=Barium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	26.00	26.00	1.20		DET	mg/kg
94-27-SO-04B-03	05DEC94	19.50	19.50	1.21		DET	mg/kg
94-27-SO-11B-01	04DEC94	28.80	28.80	1.20		DET	mg/kg
94-27-SO-16B-01	04DEC94	31.00	31.00	1.22		DET	mg/kg
94-27-SO-19B-02	16DEC94	19.30	19.30	1.24		DET	mg/kg
94-27-SO-20-01	04DEC94	23.20	23.20	1.27		DET	mg/kg
94-27-SO-22-03	04DEC94	3.32	3.32	1.28		DET	mg/kg
94-27-SO-23-01	04DEC94	49.60	49.60	1.18		DET	mg/kg
94-27-SO-25-01	04DEC94	39.40	39.40	1.19		DET	mg/kg
94-27-SO-27-02	15DEC94	11.50	11.50	1.45		DET	mg/kg
94-27-SO-28-02	17DEC94	20.60	20.60	1.19		DET	mg/kg
94-27-SO-33-01	17DEC94	38.30	38.30	1.23		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.1050	0.1050	0.256		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.1050	0.1050	0.259		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.1890	0.1890	0.241		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.3240	0.3240	0.241		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.1390	0.1390	0.240		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.1690	0.1690	0.243		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0495	0.0495	0.248		DET	mg/kg
94-27-SO-20-01	04DEC94	0.1570	0.1570	0.253		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0154	0.0154	0.256		DET	mg/kg
94-27-SO-23-01	04DEC94	0.3640	0.3640	0.237		DET	mg/kg
94-27-SO-25-01	04DEC94	0.2410	0.2410	0.238		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0174	0.0174	0.290		DET	mg/kg
94-27-SO-28-02	17DEC94	0.0583	0.0583	0.238		DET	mg/kg
94-27-SO-33-01	17DEC94	0.2660	0.2660	0.247		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0281	0.0281	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0156	0.0156	0.648		DET	mg/kg

---------- RISK_GRP=27 Method=SW6010 Analyte=Cadmium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.04100	0.04100	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.04460	0.04460	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.51000	0.51000	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.08640	0.08640	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	-0.02480	-0.02480	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	0.05450	0.05450	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	0.01920	0.01920	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.07940	0.07940	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	0.05940	0.05940	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	-0.00145	-0.00145	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	0.03450	0.03450	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	0.06780	0.06780	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	2.860	2.860	1.28		DET	mg/kg
94-27-SO-01B-02	05DEC94	2.890	2.890	1.30		DET	mg/kg
94-27-SO-04B-01	04DEC94	5.380	5.380	1.20		DET	mg/kg
94-27-SO-04B-03	05DEC94	5.550	5.550	1.21		DET	mg/kg
94-27-SO-11B-01	04DEC94	4.240	4.240	1.20		DET	mg/kg
94-27-SO-16B-01	04DEC94	3.900	3.900	1.22		DET	mg/kg
94-27-SO-19B-02	16DEC94	2.240	2.240	1.24		DET	mg/kg
94-27-SO-20-01	04DEC94	3.980	3.980	1.27		DET	mg/kg
94-27-SO-22-03	04DEC94	0.968	0.968	1.28		DET	mg/kg
94-27-SO-23-01	04DEC94	6.330	6.330	1.18		DET	mg/kg
94-27-SO-25-01	04DEC94	4.900	4.900	1.19		DET	mg/kg
94-27-SO-27-02	15DEC94	1.310	1.310	1.45		DET	mg/kg
94-27-SO-28-02	17DEC94	2.590	2.590	1.19		DET	mg/kg
94-27-SO-33-01	17DEC94	6.860	6.860	1.23		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.792	0.792	1.28		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.559	0.559	1.30		DET	mg/kg

RISK_GRP=27 Method=SW6010 Analyte=Cobalt (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.9630	0.9630	1.20		DET	mg/kg
94-27-SO-04B-03	05DEC94	1.5700	1.5700	1.21		DET	mg/kg
94-27-SO-11B-01	04DEC94	1.2400	1.2400	1.20		DET	mg/kg
94-27-SO-16B-01	04DEC94	1.2600	1.2600	1.22		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.9760	0.9760	1.24		DET	mg/kg
94-27-SO-20-01	04DEC94	0.8260	0.8260	1.27		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0872	0.0872	1.28		DET	mg/kg
94-27-SO-23-01	04DEC94	2.0600	2.0600	1.18		DET	mg/kg
94-27-SO-25-01	04DEC94	1.5600	1.5600	1.19		DET	mg/kg
94-27-SO-27-02	15DEC94	0.5280	0.5280	1.45		DET	mg/kg
94-27-SO-28-02	17DEC94	0.9010	0.9010	1.19		DET	mg/kg
94-27-SO-33-01	17DEC94	2.2700	2.2700	1.23		DET	mg/kg

N = 14

RISK_GRP=27 Method=SW6010 Analyte=Copper

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	1.3900	1.3900	2.56		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.4810	0.4810	2.59		DET	mg/kg
94-27-SO-04B-01	04DEC94	2.3100	2.3100	2.41		DET	mg/kg
94-27-SO-04B-03	05DEC94	1.8100	1.8100	2.41		DET	mg/kg
94-27-SO-11B-01	04DEC94	4.2500	4.2500	2.40		DET	mg/kg
94-27-SO-16B-01	04DEC94	2.7200	2.7200	2.43		DET	mg/kg
94-27-SO-19B-02	16DEC94	2.0900	2.0900	2.48		DET	mg/kg
94-27-SO-20-01	04DEC94	1.8600	1.8600	2.53		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0667	0.0667	2.56		DET	mg/kg
94-27-SO-23-01	04DEC94	5.1900	5.1900	2.37		DET	mg/kg
94-27-SO-25-01	04DEC94	3.4600	3.4600	2.38		DET	mg/kg
94-27-SO-27-02	15DEC94	1.0300	1.0300	2.90		DET	mg/kg
94-27-SO-28-02	17DEC94	1.4100	1.4100	2.38		DET	mg/kg
94-27-SO-33-01	17DEC94	5.8800	5.8800	2.47		DET	mg/kg

N = 14

RISK_GRP=27 Method=SW6010 Analyte=Silver

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0409	0.0409	1.28		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0674	0.0674	1.30		DET	mg/kg

RISK_GRP=27 Method=SW6010 Analyte=Silver (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.0711	0.0711	1.20		DET	mg/kg
94-27-SO-04B-03	05DEC94	-0.0410	-0.0410	1.21		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.0600	0.0600	1.20		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0462	0.0462	1.22		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.4130	0.4130	1.24		DET	mg/kg
94-27-SO-20-01	04DEC94	0.0748	0.0748	1.27		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0397	0.0397	1.28		DET	mg/kg
94-27-SO-23-01	04DEC94	0.0734	0.0734	1.18		DET	mg/kg
94-27-SO-25-01	04DEC94	0.0488	0.0488	1.19		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0972	0.0972	1.45		DET	mg/kg
94-27-SO-28-02	17DEC94	-0.0594	-0.0594	1.19		DET	mg/kg
94-27-SO-33-01	17DEC94	-0.0185	-0.0185	1.23		DET	mg/kg

N = 14

RISK_GRP=27 Method=SW6010 Analyte=Vanadium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	5.92	5.92	2.56		DET	mg/kg
94-27-SO-01B-02	05DEC94	3.89	3.89	2.59		DET	mg/kg
94-27-SO-04B-01	04DEC94	7.93	7.93	2.41		DET	mg/kg
94-27-SO-04B-03	05DEC94	7.73	7.73	2.41		DET	mg/kg
94-27-SO-11B-01	04DEC94	6.58	6.58	2.40		DET	mg/kg
94-27-SO-16B-01	04DEC94	8.25	8.25	2.43		DET	mg/kg
94-27-SO-19B-02	16DEC94	5.63	5.63	2.48		DET	mg/kg
94-27-SO-20-01	04DEC94	7.40	7.40	2.53		DET	mg/kg
94-27-SO-22-03	04DEC94	1.55	1.55	2.56		DET	mg/kg
94-27-SO-23-01	04DEC94	10.70	10.70	2.37		DET	mg/kg
94-27-SO-25-01	04DEC94	8.93	8.93	2.38		DET	mg/kg
94-27-SO-27-02	15DEC94	3.69	3.69	2.90		DET	mg/kg
94-27-SO-28-02	17DEC94	7.34	7.34	2.38		DET	mg/kg
94-27-SO-33-01	17DEC94	11.30	11.30	2.47		DET	mg/kg

N = 14

RISK_GRP=27 Method=SW6010 Analyte=Zinc

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	9.74	9.74	2.56		DET	mg/kg
94-27-SO-01B-02	05DEC94	6.07	6.07	2.59		DET	mg/kg

---------- RISK_GRP=27 Method=SW6010 Analyte=Zinc ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	18.60	18.60	2.41		DET	mg/kg
94-27-SO-04B-03	05DEC94	15.10	15.10	2.41		DET	mg/kg
94-27-SO-11B-01	04DEC94	22.00	22.00	2.40		DET	mg/kg
94-27-SO-16B-01	04DEC94	15.40	15.40	2.43		DET	mg/kg
94-27-SO-19B-02	16DEC94	6.09	6.09	2.48		DET	mg/kg
94-27-SO-20-01	04DEC94	11.20	11.20	2.53		DET	mg/kg
94-27-SO-22-03	04DEC94	1.27	1.27	2.56		DET	mg/kg
94-27-SO-23-01	04DEC94	23.30	23.30	2.37		DET	mg/kg
94-27-SO-25-01	04DEC94	16.80	16.80	2.38		DET	mg/kg
94-27-SO-27-02	15DEC94	2.90	2.90	2.90		DET	mg/kg
94-27-SO-28-02	17DEC94	5.15	5.15	2.38		DET	mg/kg
94-27-SO-33-01	17DEC94	20.80	20.80	2.47		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0000	0.0000	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	-1.9100	-1.9100	0.648		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.1930	0.1930	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	-0.2170	-0.2170	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	-0.4320	-0.4320	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.3770	0.3770	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	-0.3220	-0.3220	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	-0.3300	-0.3300	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	-0.1280	-0.1280	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.4030	0.4030	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	-0.3210	-0.3210	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.1160	0.1160	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	-0.0713	-0.0713	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	-0.4320	-0.4320	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW706D Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	1.020	1.020	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.389	0.389	0.648		DET	mg/kg

---------- RISK_GRP=27 Method=SW7060 Analyte=Arsenic ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	1.940	1.940	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	1.060	1.060	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	1.780	1.780	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	1.420	1.420	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.569	0.569	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	1.380	1.380	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	0.385	0.385	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	1.590	1.590	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	1.500	1.500	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.610	0.610	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	1.130	1.130	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	1.440	1.440	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	3.580	3.580	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	3.110	3.110	0.648		DET	mg/kg
94-27-SO-04B-01	04DEC94	4.590	4.590	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	5.430	5.430	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	6.810	6.810	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	3.760	3.760	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.656	0.656	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	4.780	4.780	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	1.020	1.020	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	5.920	5.920	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	5.370	5.370	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.392	0.392	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	0.523	0.523	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	3.010	3.010	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0115	0.0115	0.0256		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0156	0.0156	0.0259		DET	mg/kg

---------- RISK_GRP=27 Method=SW7471 Analyte=Mercury ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.0000	0.0000	0.0241		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.0000	0.0000	0.0241		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.0000	0.0000	0.0240		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0000	0.0000	0.0243		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0124	0.0124	0.0248		DET	mg/kg
94-27-SO-20-01	04DEC94	0.0114	0.0114	0.0253		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0000	0.0000	0.0256		DET	mg/kg
94-27-SO-23-01	04DEC94	0.0107	0.0107	0.0237		DET	mg/kg
94-27-SO-25-01	04DEC94	0.0190	0.0190	0.0238		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0203	0.0203	0.0290		DET	mg/kg
94-27-SO-28-02	17DEC94	0.0119	0.0119	0.0238		DET	mg/kg
94-27-SO-33-01	17DEC94	0.0123	0.0123	0.0247		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0000	0.0000	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	-0.5190	-0.5190	0.648		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.4700	0.4700	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.1930	0.1930	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.1800	0.1800	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.1090	0.1090	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.6810	0.6810	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	0.3170	0.3170	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0000	0.0000	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.5920	0.5920	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	0.0594	0.0594	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.3630	0.3630	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	0.0119	0.0119	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	1.1000	1.1000	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0	0	0.639		DET	mg/kg
94-27-SO-01B-02	05DEC94	0	0	0.648		DET	mg/kg

---------- RISK_GRP=27 Method=SW7841 Analyte=Thallium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.3730	0.3730	0.602		DET	mg/kg
94-27-SO-04B-03	05DEC94	-0.0844	-0.0844	0.603		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.2040	0.2040	0.600		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0852	0.0852	0.608		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0000	0.0000	0.619		DET	mg/kg
94-27-SO-20-01	04DEC94	0.1770	0.1770	0.634		DET	mg/kg
94-27-SO-22-03	04DEC94	0.1280	0.1280	0.641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.2130	0.2130	0.592		DET	mg/kg
94-27-SO-25-01	04DEC94	0.1900	0.1900	0.594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0580	0.0580	0.726		DET	mg/kg
94-27-SO-28-02	17DEC94	0.1430	0.1430	0.594		DET	mg/kg
94-27-SO-33-01	17DEC94	0.0616	0.0616	0.616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	7.34279	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.71331	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00109	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00355	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00223	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.00414	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.00447	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.00080	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.00492	0.0059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00538	0.0059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.00126	0.0073	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.09294	0.1190	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.00579	0.0062	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	12.8388	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.5958	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0024	0.0060	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=1,2-Dichloroethane ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-11B-01	04DEC94	.	0.000162	0.00600	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.000358	0.00608	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.000155	0.00619	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.000158	0.00634	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.000893	0.00641	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.003753	0.00592	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.002117	0.00594	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.000710	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.030435	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.005027	0.00616	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	8.42535	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.74334	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00231	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00576	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00420	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.00514	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.00284	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.00325	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.00466	0.0059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00391	0.0059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.00212	0.0073	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.03192	0.1190	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.00277	0.0062	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	9.15706	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.12211	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00531	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00104	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00263	0.0061	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-19B-02	16DEC94	.	.0041291	0.00619	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	.0033893	0.00634	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	.0045179	0.00641	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	.0028518	0.00592	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	.0019974	0.00594	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	.0067445	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	.0021780	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	.0029402	0.00616	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	18.9000	18.9000	320.000		DET	mg/kg
94-27-SO-01B-02	05DEC94	1.8800	1.8800	64.800		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.5720	0.5720	15.100		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0583	0.121	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.1140	0.1140	0.120		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0260	0.0260	0.122		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0052	0.0052	0.124		DET	mg/kg
94-27-SO-20-01	04DEC94	.	0.0097	0.127	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.1034	0.128	<	ND	mg/kg
94-27-SO-23-01	04DEC94	0.0057	0.0057	0.118		DET	mg/kg
94-27-SO-25-01	04DEC94	0.0198	0.0198	0.119		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0203	0.0203	0.145		DET	mg/kg
94-27-SO-28-02	17DEC94	.	2.2320	2.380	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.0343	0.123	<	ND	mg/kg

N = 14

--------- RISK_GRP=27 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	12.7748	16.0000	<	ND	mg/kg
94-27-SO-01B-02	05DEC94	.	2.0016	3.2400	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	1.02000	1.0200	0.7530		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0043	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.00672	0.0067	0.0060		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.00255	0.0026	0.0061		DET	mg/kg

--------- RISK_GRP=27 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-19B-02	16DEC94	.	0.000678	0.00619	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.005474	0.00634	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.002317	0.00641	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.003117	0.00592	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.004247	0.00594	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.006034	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.073527	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.004038	0.00616	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	16.6000	16.6000	320.000		DET	mg/kg
94-27-SO-01B-02	05DEC94	7.8500	7.8500	64.800		DET	mg/kg
94-27-SO-04B-01	04DEC94	1.0400	1.0400	15.100		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.0248	0.0248	0.121		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.7080	0.7080	0.120		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.1950	0.1950	0.122		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.1170	0.1170	0.124		DET	mg/kg
94-27-SO-20-01	04DEC94	0.0698	0.0698	0.127		DET	mg/kg
94-27-SO-22-03	04DEC94	0.0478	0.0478	0.128		DET	mg/kg
94-27-SO-23-01	04DEC94	0.0938	0.0938	0.118		DET	mg/kg
94-27-SO-25-01	04DEC94	0.1370	0.1370	0.119		DET	mg/kg
94-27-SO-27-02	15DEC94	0.0755	0.0755	0.145		DET	mg/kg
94-27-SO-28-02	17DEC94	0.3140	0.3140	2.380		DET	mg/kg
94-27-SO-33-01	17DEC94	0.0921	0.0921	0.123		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	7.03000	7.03000	16.0000		DET	mg/kg
94-27-SO-01B-02	05DEC94	4.60000	4.60000	3.2400		DET	mg/kg
94-27-SO-04B-01	04DEC94	1.61000	1.61000	0.7530		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.00229	0.00229	0.0060		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.70200	0.70200	0.1500		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.02010	0.02010	0.0061		DET	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=Benzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-19B-02	16DEC94	0.01100	0.01100	0.00619		DET	mg/kg
94-27-SO-20-01	04DEC94	0.00368	0.00368	0.00634		DET	mg/kg
94-27-SO-22-03	04DEC94	0.00218	0.00218	0.00641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.00355	0.00355	0.00592		DET	mg/kg
94-27-SO-25-01	04DEC94	0.00452	0.00452	0.00594		DET	mg/kg
94-27-SO-27-02	15DEC94	0.59200	0.59200	0.00726		DET	mg/kg
94-27-SO-28-02	17DEC94	0.76800	0.76800	0.11900		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.00090	0.00616	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	15.1773	16.0000	<	ND	mg/kg
94-27-SO-01B-02	05DEC94	.	0.6258	3.2400	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	0.6180	0.6180	0.7530		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0014	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.0223	0.0223	0.0060		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0102	0.0102	0.0061		DET	mg/kg
94-27-SO-19B-02	16DEC94	.	0.0016	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.0015	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.0051	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.0041	0.0059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.0004	0.0059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	0.0128	0.0128	0.0073		DET	mg/kg
94-27-SO-28-02	17DEC94	0.0642	0.0642	0.1190		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.0024	0.0062	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	6.28863	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.43765	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00299	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00448	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00273	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.00381	0.0062	<	NO	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=Chlorobenzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-20-01	04DEC94	.	0.002242	0.00634	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.003216	0.00641	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.004970	0.00592	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.00166	0.001660	0.00594		DET	mg/kg
94-27-SO-27-02	15DEC94	.	0.001216	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.051179	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.002981	0.00616	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	151.000	151.000	16.0000		DET	mg/kg
94-27-SO-01B-02	05DEC94	47.100	47.100	3.2400		DET	mg/kg
94-27-SO-04B-01	04DEC94	90.600	90.600	3.0100		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.003	0.003	0.0060		DET	mg/kg
94-27-SO-11B-01	04DEC94	3.020	3.020	0.1500		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.045	0.045	0.0061		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.023	0.023	0.0062		DET	mg/kg
94-27-SO-20-01	04DEC94	.	0.003	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.004	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	0.005	0.005	0.0059		DET	mg/kg
94-27-SO-25-01	04DEC94	0.003	0.003	0.0059		DET	mg/kg
94-27-SO-27-02	15DEC94	4.140	4.140	0.0073		DET	mg/kg
94-27-SO-28-02	17DEC94	11.300	11.300	0.1190		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.004	0.0062	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	16.4000	16.4000	63.9000		DET	mg/kg
94-27-SO-01B-02	05DEC94	3.5700	3.5700	13.0000		DET	mg/kg
94-27-SO-04B-01	04DEC94	3.4300	3.4300	3.0100		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.0171	0.0171	0.0241		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.0142	0.0142	0.0240		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0182	0.0182	0.0243		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0131	0.0131	0.0248		DET	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=Methylene chloride ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-20-01	04DEC94	0.01460	0.01460	0.0253		DET	mg/kg
94-27-SO-22-03	04DEC94	0.00987	0.00987	0.0256		DET	mg/kg
94-27-SO-23-01	04DEC94	0.01910	0.01910	0.0237		DET	mg/kg
94-27-SO-25-01	04DEC94	0.01130	0.01130	0.0238		DET	mg/kg
94-27-SO-27-02	15DEC94	.	0.00355	0.0290	<	ND	mg/kg
94-27-SO-28-02	17DEC94	0.33800	0.33800	0.4760		DET	mg/kg
94-27-SO-33-01	17DEC94	0.01900	0.01900	0.0247		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	6.93290	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.39280	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00440	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00516	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00397	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.00186	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.00028	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.00159	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.00011	0.0059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00301	0.0059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.00184	0.0073	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.00150	0.1190	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.00074	0.0062	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	109.000	109.000	16.0000		DET	mg/kg
94-27-SO-01B-02	05DEC94	47.600	47.600	3.2400		DET	mg/kg
94-27-SO-04B-01	04DEC94	65.800	65.800	3.0100		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.007	0.007	0.0060		DET	mg/kg
94-27-SO-11B-01	04DEC94	6.000	6.000	0.1500		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.024	0.024	0.0061		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.008	0.008	0.0062		DET	mg/kg
94-27-SO-20-01	04DEC94	0.005	0.005	0.0063		DET	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=Toluene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-22-03	04DEC94	0.00462	0.00462	0.00641		DET	mg/kg
94-27-SO-23-01	04DEC94	0.01600	0.01600	0.00592		DET	mg/kg
94-27-SO-25-01	04DEC94	0.01720	0.01720	0.00594		DET	mg/kg
94-27-SO-27-02	15DEC94	.	0.00166	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	7.68000	7.68000	0.11900		DET	mg/kg
94-27-SO-33-01	17DEC94	0.00123	0.00123	0.00616		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	293.000	293.000	16.0000		DET	mg/kg
94-27-SO-01B-02	05DEC94	8.300	8.300	3.2400		DET	mg/kg
94-27-SO-04B-01	04DEC94	171.000	171.000	3.0100		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.006	0.006	0.0060		DET	mg/kg
94-27-SO-11B-01	04DEC94	5.400	5.400	0.1500		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.126	0.126	0.0061		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.022	0.022	0.0062		DET	mg/kg
94-27-SO-20-01	04DEC94	0.003	0.003	0.0063		DET	mg/kg
94-27-SO-22-03	04DEC94	.	0.003	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	0.007	0.007	0.0059		DET	mg/kg
94-27-SO-25-01	04DEC94	0.012	0.012	0.0059		DET	mg/kg
94-27-SO-27-02	15DEC94	0.920	0.920	0.0073		DET	mg/kg
94-27-SO-28-02	17DEC94	21.800	21.800	0.1190		DET	mg/kg
94-27-SO-33-01	17DEC94	0.001	0.001	0.0062		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	14.2524	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.1782	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0010	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.0018	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.0013	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.0019	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.0029	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.0007	0.0064	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=Trichloroethene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-23-01	04DEC94	.	0.00107	0.00592	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.00154	0.00154	0.00594		DET	mg/kg
94-27-SO-27-02	15DEC94	.	0.00347	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.11891	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.00194	0.00616	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	3.1775	160.000	<	ND	mg/kg
94-27-SO-01B-02	05DEC94	.	16.5513	32.400	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	7.5135	7.530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0133	0.060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.0514	0.0514	0.060		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.0230	0.0230	0.061		DET	mg/kg
94-27-SO-19B-02	16DEC94	.	0.0039	0.025	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.0107	0.063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.0597	0.064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.0149	0.059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.0592	0.059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	0.1640	0.1640	0.029		DET	mg/kg
94-27-SO-28-02	17DEC94	.	0.2602	0.476	<	ND	mg/kg
94-27-SO-33-01	17DEC94	0.0058	0.0058	0.025		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	4.16170	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.61907	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.00408	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.00204	0.00204	0.0060		DET	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00557	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.00528	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.00324	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.00112	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.00019	0.0059	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-25-01	04DEC94	.	0.002932	0.00594	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.007256	0.00726	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.061098	0.11900	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.005842	0.00616	<	ND	mg/kg

N = 13

--------- RISK_GRP=27 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	11.9309	16.0000	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.2251	0.7530	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0018	0.0060	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.0038	0.0060	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.0054	0.0061	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.0018	0.0062	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.0017	0.0063	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.0044	0.0064	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.0009	0.0059	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.0048	0.0059	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.0005	0.0073	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.0998	0.1190	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.0057	0.0062	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.10430	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.31598	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.17471	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.18394	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.17395	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.24720	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.23999	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.03328	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.15177	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.01585	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.05116	0.479	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-28-02	17DEC94	.	0.22200	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.15576	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.31578	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.22725	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.14402	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.28820	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.22127	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.25374	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.10258	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.05212	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.13116	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.03036	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.37858	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.16880	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.09878	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	16.500	16.5000	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	4.690	4.6900	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	22.500	22.5000	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.2007	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.0086	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.3031	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.2218	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.2806	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.3051	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.1232	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.1868	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	0.733	0.7330	0.479		DET	mg/kg
94-27-SO-28-02	17DEC94	.	0.1934	0.392	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=2-Methylnaphthalene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-33-01	17DEC94	.	0.34609	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.27046	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.38019	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.10300	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.23116	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.19072	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.30875	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.12909	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.08059	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.26892	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.32714	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.42323	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	4.62	4.62000	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.00526	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.102	0.10200	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	.	0.03012	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.23838	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.06530	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.25003	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.37806	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.05299	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.05159	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.29731	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00389	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.24085	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.14777	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.04578	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.27508	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.36676	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.19501	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.11631	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.12153	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.19845	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.23345	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.16712	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.20243	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00614	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.43477	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.05534	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.33009	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.2870	0.28700	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	.	0.15317	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	0.0437	0.04370	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.01075	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.0495	0.04950	0.330		DET	mg/kg
94-27-SO-16B-01	04DEC94	.	0.05367	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.01946	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.26712	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.24358	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.27047	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.00104	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.23942	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.11393	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.27660	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.597	0.597	0.33		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.135	0.135	0.33		DET	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=Dibenzofuran ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-01	04DEC94	0.998	0.99800	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.07380	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.26757	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.08193	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.22598	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.21863	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.09749	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.20934	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.32858	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.07816	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.21578	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.21090	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.28001	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.18962	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.28515	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.02569	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.17537	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.11885	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.17999	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.03253	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.15574	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.12307	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.31424	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.02610	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.37357	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.1980	0.1980	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0594	0.0594	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.3540	0.3540	0.398		DET	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=Dimethylphthalate ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-03	05DEC94	.	0.22166	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.13032	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.08630	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.38153	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.05907	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.20803	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.09379	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.03003	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.37533	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.22066	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.03000	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0891	0.08910	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0594	0.05940	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.2230	0.22300	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.04094	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.00347	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.31862	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.31807	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.12325	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.06732	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.21270	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.23427	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.04696	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.15809	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.02629	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.2440	0.2440	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0957	0.0957	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.4650	0.4650	0.398		DET	mg/kg

RISK_GRP=27 Method=SW8270 Analyte=Fluorene (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-03	05DEC94	.	0.12478	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.08756	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.20862	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.11441	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.06175	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.26189	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.17768	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.31783	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.39046	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	0.0667	0.06670	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.12858	0.407	<	ND	mg/kg

N = 14

RISK_GRP=27 Method=SW8270 Analyte=Naphthalene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	11.200	11.2000	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	1.610	1.6100	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	8.310	8.3100	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.0349	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.099	0.0990	0.330		DET	mg/kg
94-27-SO-16B-01	04DEC94	.	0.2697	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.1677	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.2977	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.0244	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.2697	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.3298	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	0.202	0.2020	0.479		DET	mg/kg
94-27-SO-28-02	17DEC94	1.770	1.7700	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.3443	0.407	<	ND	mg/kg

N = 14

RISK_GRP=27 Method=SW8270 Analyte=Phenanthrene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.264	0.264	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.109	0.109	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.486	0.486	0.398		DET	mg/kg

RISK_GRP=27 Method=SW8270 Analyte=Phenanthrene (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-04B-03	05DEC94	.	0.08248	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.21779	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.24107	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.08834	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.07101	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.28942	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.06177	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.18500	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.26765	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	0.0667	0.06670	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.19134	0.407	<	ND	mg/kg

N = 14

RISK_GRP=27 Method=SW8270 Analyte=Pyrene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	0.0891	0.08910	0.330		DET	mg/kg
94-27-SO-01B-02	05DEC94	0.0495	0.04950	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.1950	0.19500	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.31252	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.23589	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.05451	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.03387	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.06102	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.24591	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.09435	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.03258	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.31747	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.07310	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.04793	0.407	<	ND	mg/kg

N = 14

RISK_GRP=27 Method=SW8270 Analyte=benzo(a)anthracene

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.20562	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.09546	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.31981	0.330	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=benzo(a)anthracene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-11B-01	04DEC94	.	0.02166	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.02614	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.33536	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.29739	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.25913	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.08674	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.29555	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.24390	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.08222	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.16711	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.23333	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.18621	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.11461	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.21989	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.00840	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.09521	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.26396	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.21051	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.03135	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.22161	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.00781	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.39016	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.26260	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.18885	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.21501	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.08970	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.18329	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.14479	0.330	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=benzo(b)fluoranthene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-19B-02	16DEC94	.	0.05093	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.27856	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.28098	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.09110	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.25526	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.25177	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.13378	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.35357	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=27 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.30106	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.02815	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.15889	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.15029	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.24629	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.21637	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.17372	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.17098	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.01177	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.07745	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.36085	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.32467	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.40181	0.407	<	ND	mg/kg

N = 13

-------- RISK_GRP=27 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.26891	0.330	<	ND	mg/kg
94-27-SO-01B-02	05DEC94	0.1020	0.10200	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.6480	0.64800	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	.	0.28590	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	0.5910	0.59100	0.330		DET	mg/kg
94-27-SO-16B-01	04DEC94	.	0.09470	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	0.0449	0.04490	0.408		DET	mg/kg

-------- RISK_GRP=27 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate --------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-20-01	04DEC94	.	0.19561	0.330	<	ND	mg/kg
94-27-SO-22-03	04DEC94	.	0.11562	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.13051	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.32878	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.09281	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	0.114	0.11400	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	.	0.30313	0.407	<	ND	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.11356	0.330	<	ND	mg/kg
94-27-SO-01B-02	05DEC94	0.3760	0.37600	0.330		DET	mg/kg
94-27-SO-04B-01	04DEC94	0.4860	0.48600	0.398		DET	mg/kg
94-27-SO-04B-03	05DEC94	0.3660	0.36600	0.330		DET	mg/kg
94-27-SO-11B-01	04DEC94	0.4190	0.41900	0.330		DET	mg/kg
94-27-SO-16B-01	04DEC94	0.4260	0.42600	0.330		DET	mg/kg
94-27-SO-19B-02	16DEC94	0.0776	0.07760	0.408		DET	mg/kg
94-27-SO-20-01	04DEC94	0.3830	0.38300	0.330		DET	mg/kg
94-27-SO-22-03	04DEC94	0.2970	0.29700	0.330		DET	mg/kg
94-27-SO-23-01	04DEC94	0.3630	0.36300	0.330		DET	mg/kg
94-27-SO-25-01	04DEC94	0.3140	0.31400	0.330		DET	mg/kg
94-27-SO-27-02	15DEC94	0.3160	0.31600	0.479		DET	mg/kg
94-27-SO-28-02	17DEC94	0.0588	0.05880	0.392		DET	mg/kg
94-27-SO-33-01	17DEC94	0.0854	0.08540	0.407		DET	mg/kg

N = 14

---------- RISK_GRP=27 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SO-01B-01	04DEC94	.	0.28430	0.330	<	ND	mg/kg
94-27-SO-04B-01	04DEC94	.	0.04296	0.398	<	ND	mg/kg
94-27-SO-04B-03	05DEC94	.	0.03363	0.330	<	ND	mg/kg
94-27-SO-11B-01	04DEC94	.	0.07372	0.330	<	ND	mg/kg
94-27-SO-16B-01	04DEC94	.	0.11193	0.330	<	ND	mg/kg
94-27-SO-19B-02	16DEC94	.	0.09448	0.408	<	ND	mg/kg
94-27-SO-20-01	04DEC94	.	0.05012	0.330	<	ND	mg/kg

---------- RISK_GRP=27 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-27-SD-22-03	04DEC94	.	0.31247	0.330	<	ND	mg/kg
94-27-SO-23-01	04DEC94	.	0.14106	0.330	<	ND	mg/kg
94-27-SO-25-01	04DEC94	.	0.15752	0.330	<	ND	mg/kg
94-27-SO-27-02	15DEC94	.	0.20808	0.479	<	ND	mg/kg
94-27-SO-28-02	17DEC94	.	0.01855	0.392	<	ND	mg/kg
94-27-SO-33-01	17DEC94	.	0.08217	0.407	<	ND	mg/kg

N = 13

---------- RISK_GRP=28 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	975.00	975.00	149.0		DET	mg/kg
94-28-SO-04-02	02NOV94	20600.00	20600.00	7390.0		DET	mg/kg
94-28-SO-04B-01	07DEC94	-5.38	-5.38	41.7		DET	mg/kg
94-28-SO-04B-02	07DEC94	26.50	26.50	36.8		DET	mg/kg
94-28-SO-06-01	06DEC94	243.00	243.00	36.8		DET	mg/kg
94-28-SO-06-03	06DEC94	16.00	16.00	37.4		DET	mg/kg
94-28-SO-08-01	06DEC94	186.00	186.00	40.2		DET	mg/kg
94-28-SO-08-03	06DEC94	-8.75	-8.75	36.8		DET	mg/kg
94-28-SO-10-01	06DEC94	7.42	7.42	40.3		DET	mg/kg
94-28-SO-12-01	13DEC94	117.00	117.00	35.8		DET	mg/kg
94-28-SO-13-01	13DEC94	33.00	33.00	36.6		DET	mg/kg

N = 11

---------- RISK_GRP=28 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01-01	02NOV94	419.0	419.0	5		DET	mg/kg
94-28-SO-01-02	02NOV94	4590.0	4590.0	50	>	DET	mg/kg
94-28-SO-01-03	02NOV94	1200.0	1200.0	50		DET	mg/kg
94-28-SO-01B-02	07DEC94	7.9	7.9	5		DET	mg/kg
94-28-SO-02-01	02NOV94	4930.0	4930.0	50	>	DET	mg/kg
94-28-SO-02-02	02NOV94	6590.0	6590.0	125		DET	mg/kg
94-28-SO-03-01	02NOV94	81.3	81.3	5		DET	mg/kg
94-28-SO-03-02	02NOV94	475.0	475.0	50		DET	mg/kg
94-28-SO-04-01	02NOV94	4720.0	4720.0	50	>	DET	mg/kg
94-28-SO-04-02	02NOV94	11300.0	11300.0	125	>	DET	mg/kg
94-28-SO-04-03	02NOV94	1640.0	1640.0	50		DET	mg/kg

---------- RISK_GRP=28 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-04B-02	07DEC94	42.6	42.6	5		DET	mg/kg
94-28-SO-05-01	06DEC94	89.2	89.2	5		DET	mg/kg
94-28-SO-05-02	06DEC94	14.6	14.6	5		DET	mg/kg
94-28-SO-05-03	06DEC94	6.9	6.9	5		DET	mg/kg
94-28-SO-06-01	06DEC94	218.0	218.0	5		DET	mg/kg
94-28-SO-06-02	06DEC94	4740.0	4740.0	50		DET	mg/kg
94-28-SO-06-03	06DEC94	11.9	11.9	5		DET	mg/kg
94-28-SO-07-01	06DEC94	26.6	26.6	5		DET	mg/kg
94-28-SO-07-02	06DEC94	6720.0	6720.0	125		DET	mg/kg
94-28-SO-07-03	06DEC94	13.9	13.9	5		DET	mg/kg
94-28-SO-08-01	06DEC94	181.0	181.0	5		DET	mg/kg
94-28-SO-08-02	06DEC94	874.0	874.0	10		DET	mg/kg
94-28-SO-08-03	06DEC94	6.9	6.9	5		DET	mg/kg
94-28-SO-09-01	06DEC94	7.9	7.9	5		DET	mg/kg
94-28-SO-09-02	06DEC94	3.0	3.0	5		DET	mg/kg
94-28-SO-09-03	06DEC94	3.9	3.9	5		DET	mg/kg
94-28-SO-10-01	06DEC94	5.0	5.0	5		DET	mg/kg
94-28-SO-10-02	06DEC94	10.7	10.7	5		DET	mg/kg
94-28-SO-10-03	06DEC94	2.9	2.9	5		DET	mg/kg
94-28-SO-11-01	13DEC94	82.5	82.5	5		DET	mg/kg
94-28-SO-11-02	13DEC94	6.8	6.8	5		DET	mg/kg
94-28-SO-11-03	13DEC94	5540.0	5540.0	125		DET	mg/kg
94-28-SO-12-01	13DEC94	73.9	73.9	5		DET	mg/kg
94-28-SO-12-02	13DEC94	14.6	14.6	5		DET	mg/kg
94-28-SO-12-03	13DEC94	7.8	7.8	5		DET	mg/kg
94-28-SO-13-01	13DEC94	22.8	22.8	5		DET	mg/kg
94-28-SO-13-02	13DEC94	4.9	4.9	5		DET	mg/kg
94-28-SO-13-03	13DEC94	6.9	6.9	5		DET	mg/kg
94-28-SO-14-01	17DEC94	237.0	237.0	5		DET	mg/kg
94-28-SO-14-02	17DEC94	7.8	7.8	5		DET	mg/kg

N = 41

---------- RISK_GRP=28 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	26.1	26.1	1.24		DET	mg/kg
94-28-SO-04B-01	07DEC94	11.2	11.2	1.39		DET	mg/kg
94-28-SO-04B-02	07DEC94	52.4	52.4	1.22		DET	mg/kg
94-28-SO-06-01	06DEC94	41.3	41.3	1.23		DET	mg/kg
94-28-SO-06-03	06DEC94	56.1	56.1	1.25		DET	mg/kg
94-28-SO-08-01	06DEC94	10.1	10.1	1.34		DET	mg/kg
94-28-SO-08-03	06DEC94	30.7	30.7	1.23		DET	mg/kg

---------- RISK_GRP=28 Method=SW6010 Analyte=Barium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-10-01	06DEC94	16.4	16.4	1.34		DET	mg/kg
94-28-SO-12-01	13DEC94	27.0	27.0	1.19		DET	mg/kg
94-28-SO-13-01	13DEC94	40.6	40.6	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.0398	0.0398	0.248		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.0570	0.0570	0.278		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.6590	0.6590	0.245		DET	mg/kg
94-28-SO-06-01	06DEC94	0.0613	0.0613	0.245		DET	mg/kg
94-28-SO-06-03	06DEC94	0.4230	0.4230	0.249		DET	mg/kg
94-28-SO-08-01	06DEC94	0.0187	0.0187	0.268		DET	mg/kg
94-28-SO-08-03	06DEC94	0.4500	0.4500	0.245		DET	mg/kg
94-28-SO-10-01	06DEC94	0.0470	0.0470	0.268		DET	mg/kg
94-28-SO-12-01	13DEC94	0.0406	0.0406	0.239		DET	mg/kg
94-28-SO-13-01	13DEC94	0.1110	0.1110	0.244		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.36300	0.36300	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.15700	0.15700	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.28100	0.28100	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	0.07850	0.07850	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	0.15100	0.15100	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	0.17400	0.17400	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	0.06750	0.06750	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	-0.00403	-0.00403	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	0.04060	0.04060	0.597		DET	mg/kg
94-28-SO-13-01	13DEC94	-0.03900	-0.03900	0.610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	3.140	3.140	1.24		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.907	0.907	1.39		DET	mg/kg
94-28-SO-04B-02	07DEC94	14.800	14.800	1.22		DET	mg/kg
94-28-SO-06-01	06DEC94	2.550	2.550	1.23		DET	mg/kg
94-28-SO-06-03	06DEC94	8.070	8.070	1.25		DET	mg/kg
94-28-SO-08-01	06DEC94	1.540	1.540	1.34		DET	mg/kg
94-28-SO-08-03	06DEC94	7.510	7.510	1.23		DET	mg/kg
94-28-SO-10-01	06DEC94	1.370	1.370	1.34		DET	mg/kg
94-28-SO-12-01	13DEC94	2.000	2.000	1.19		DET	mg/kg
94-28-SO-13-01	13DEC94	3.820	3.820	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.785	0.785	1.24		DET	mg/kg
94-28-SO-04B-01	07DEC94	1.060	1.060	1.39		DET	mg/kg
94-28-SO-04B-02	07DEC94	4.670	4.670	1.22		DET	mg/kg
94-28-SO-06-01	06DEC94	1.090	1.090	1.23		DET	mg/kg
94-28-SO-06-03	06DEC94	3.880	3.880	1.25		DET	mg/kg
94-28-SO-08-01	06DEC94	0.703	0.703	1.34		DET	mg/kg
94-28-SO-08-03	06DEC94	2.860	2.860	1.23		DET	mg/kg
94-28-SO-10-01	06DEC94	1.080	1.080	1.34		DET	mg/kg
94-28-SO-12-01	13DEC94	0.874	0.874	1.19		DET	mg/kg
94-28-SO-13-01	13DEC94	1.100	1.100	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	3.06	3.06	2.48		DET	mg/kg
94-28-SO-04B-01	07DEC94	2.95	2.95	2.78		DET	mg/kg
94-28-SO-04B-02	07DEC94	10.80	10.80	2.45		DET	mg/kg
94-28-SO-06-01	06DEC94	3.39	3.39	2.45		DET	mg/kg
94-28-SO-06-03	06DEC94	7.53	7.53	2.49		DET	mg/kg
94-28-SO-08-01	06DEC94	1.32	1.32	2.68		DET	mg/kg
94-28-SO-08-03	06DEC94	3.73	3.73	2.45		DET	mg/kg
94-28-SO-10-01	06DEC94	1.11	1.11	2.68		DET	mg/kg
94-28-SO-12-01	13DEC94	2.27	2.27	2.39		DET	mg/kg

---------- RISK_GRP=28 Method=SW6010 Analyte=Copper ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-13-01	13DEC94	2.6	2.6	2.44		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-018-01	07DEC94	0.47000	0.47000	1.24		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.41300	0.41300	1.39		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.26100	0.26100	1.22		DET	mg/kg
94-28-SO-06-01	06DEC94	0.30300	0.30300	1.23		DET	mg/kg
94-28-SO-06-03	06DEC94	0.36300	0.36300	1.25		DET	mg/kg
94-28-SO-08-01	06DEC94	-0.00803	-0.00803	1.34		DET	mg/kg
94-28-SO-08-03	06DEC94	0.01230	0.01230	1.23		DET	mg/kg
94-28-SO-10-01	06DEC94	0.03490	0.03490	1.34		DET	mg/kg
94-28-SO-12-01	13DEC94	0.01790	0.01790	1.19		DET	mg/kg
94-28-SO-13-01	13DEC94	1.85000	1.85000	1.22		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	5.95	5.95	2.48		DET	mg/kg
94-28-SO-04B-01	07DEC94	3.50	3.50	2.78		DET	mg/kg
94-28-SO-04B-02	07DEC94	16.90	16.90	2.45		DET	mg/kg
94-28-SO-06-01	06DEC94	6.83	6.83	2.45		DET	mg/kg
94-28-SO-06-03	06DEC94	18.20	18.20	2.49		DET	mg/kg
94-28-SO-08-01	06DEC94	2.57	2.57	2.68		DET	mg/kg
94-28-SO-08-03	06DEC94	13.50	13.50	2.45		DET	mg/kg
94-28-SO-10-01	06DEC94	4.97	4.97	2.68		DET	mg/kg
94-28-SO-12-01	13DEC94	6.00	6.00	2.39		DET	mg/kg
94-28-SO-13-01	13DEC94	8.33	8.33	2.44		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	13.70	13.70	2.48		DET	mg/kg
94-28-SO-04B-01	07DEC94	5.19	5.19	2.78		DET	mg/kg
94-28-SO-04B-02	07DEC94	41.70	41.70	2.45		DET	mg/kg
94-28-SO-06-01	06DEC94	11.60	11.60	2.45		DET	mg/kg
94-28-SO-06-03	06DEC94	25.60	25.60	2.49		DET	mg/kg
94-28-SO-08-01	06DEC94	5.97	5.97	2.68		DET	mg/kg
94-28-SO-08-03	06DEC94	17.80	17.80	2.45		DET	mg/kg
94-28-SO-10-01	06DEC94	3.65	3.65	2.68		DET	mg/kg
94-28-SO-12-01	13DEC94	5.79	5.79	2.39		DET	mg/kg
94-28-SO-13-01	13DEC94	10.80	10.80	2.44		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	-0.8320	-0.8320	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	-0.7650	-0.7650	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	1.4000	1.4000	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	0.4050	0.4050	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	0.0748	0.0748	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	0.0669	0.0669	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	-0.3070	-0.3070	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	1.3800	1.3800	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	0.0835	0.0835	0.597		DET	mg/kg
94-28-SO-13-01	13DEC94	0.2440	0.2440	0.610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.745	0.745	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.723	0.723	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.858	0.858	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	1.150	1.150	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	3.720	3.720	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	0.991	0.991	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	1.570	1.570	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	1.140	1.140	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	0.966	0.966	0.597		DET	mg/kg

---------- RISK_GRP=28 Method=SW7060 Analyte=Arsenic ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-13-01	13DEC94	1.11	1.11	0.61		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	3.7300	3.7300	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.2090	0.2090	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	5.1500	5.1500	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	9.0900	9.0900	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	5.7600	5.7600	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	1.2800	1.2800	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	5.4400	5.4400	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	0.0268	0.0268	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	11.0000	11.0000	0.597		DET	mg/kg
94-28-SO-13-01	13DEC94	2.4500	2.4500	0.610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.0149	0.0149	0.0248		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.0000	0.0000	0.0278		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.0147	0.0147	0.0245		DET	mg/kg
94-28-SO-06-01	06DEC94	0.0233	0.0233	0.0245		DET	mg/kg
94-28-SO-06-03	06DEC94	0.0237	0.0237	0.0249		DET	mg/kg
94-28-SO-08-01	06DEC94	0.0161	0.0161	0.0268		DET	mg/kg
94-28-SO-08-03	06DEC94	0.0147	0.0147	0.0245		DET	mg/kg
94-28-SO-10-01	06DEC94	0.0161	0.0161	0.0268		DET	mg/kg
94-28-SO-12-01	13DEC94	0.0000	0.0000	0.0239		DET	mg/kg
94-28-SO-13-01	13DEC94	0.0000	0.0000	0.0244		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.497	0.497	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	-0.195	-0.195	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	-0.122	-0.122	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	0.000	0.000	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	0.150	0.150	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	0.830	0.830	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	-1.290	-1.290	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	-0.832	-0.832	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	0.203	0.203	0.597		DET	mg/kg
94-28-SO-13-01	13DEC94	-0.207	-0.207	0.610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.12400	0.12400	0.621		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.22200	0.22200	0.695		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.24500	0.24500	0.613		DET	mg/kg
94-28-SO-06-01	06DEC94	0.11000	0.11000	0.613		DET	mg/kg
94-28-SO-06-03	06DEC94	0.03740	0.03740	0.623		DET	mg/kg
94-28-SO-08-01	06DEC94	-0.02680	-0.02680	0.669		DET	mg/kg
94-28-SO-08-03	06DEC94	0.04780	0.04780	0.613		DET	mg/kg
94-28-SO-10-01	06DEC94	0.00671	0.00671	0.671		DET	mg/kg
94-28-SO-12-01	13DEC94	0.11900	0.11900	0.597		DET	mg/kg
94-28-SO-13-01	13DEC94	0.17100	0.17100	0.610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0042246	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0048838	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0007689	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0023621	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0002823	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0037037	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0051122	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0023226	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0017587	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0034440	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0037619	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0028588	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0044392	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0016272	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0007813	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0055136	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0049904	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0002771	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0002926	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0022778	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0043270	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0015203	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0024974	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0003523	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0015749	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0019383	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0028747	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0017952	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0026944	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0000168	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0040254	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0031089	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0027277	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0005218	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0034564	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0059484	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.05620	0.124	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.08868	0.139	<	ND	mg/kg
94-28-SO-04B-02	07DEC94	0.01480	0.01480	0.122		DET	mg/kg
94-28-SO-06-01	06DEC94	0.00712	0.00712	0.123		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.07586	0.125	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.10052	0.134	<	ND	mg/kg
94-28-SO-08-03	06DEC94	0.03510	0.03510	0.123		DET	mg/kg
94-28-SO-10-01	06DEC94	.	0.12231	0.134	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.11518	0.119	<	ND	mg/kg
94-28-SO-13-01	13DEC94	0.13400	0.13400	0.122		DET	mg/kg

N = 10

--------- RISK_GRP=28 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0057053	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0029684	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0052767	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0020920	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0031931	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0035002	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0057387	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0034373	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0011798	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.0453	0.0453	0.124		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.0861	0.0861	0.139		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.1420	0.1420	0.122		DET	mg/kg
94-28-SO-06-01	06DEC94	0.0542	0.0542	0.123		DET	mg/kg
94-28-SO-06-03	06DEC94	0.0692	0.0692	0.125		DET	mg/kg
94-28-SO-08-01	06DEC94	0.0340	0.0340	0.134		DET	mg/kg
94-28-SO-08-03	06DEC94	1.6000	1.6000	0.123		DET	mg/kg
94-28-SO-10-01	06DEC94	0.0173	0.0173	0.134		DET	mg/kg
94-28-SO-12-01	13DEC94	0.1790	0.1790	0.119		DET	mg/kg
94-28-SO-13-01	13DEC94	0.3950	0.3950	0.122		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0020501	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0000809	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0048968	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0050210	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0062132	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0041707	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0014452	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0050899	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0012448	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0027779	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0042222	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0001588	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0022325	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.00964	.0096400	.00669		DET	mg/kg
94-28-SO-08-03	06DEC94	.	.0024612	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0017384	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0008449	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0003301	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0019363	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0050547	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0010676	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0059669	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0036933	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0006362	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0056801	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0058068	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0045400	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0006456	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.00626	.0062600	.00695		DET	mg/kg
94-28-SO-06-01	06DEC94	.	.0009139	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0009613	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0017946	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0022526	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0053935	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0002923	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0002335	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.0221	0.0221	0.0248		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.0222	0.0222	0.0278		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.0320	0.0320	0.0245		DET	mg/kg
94-28-SO-06-01	06DEC94	0.0237	0.0237	0.0245		DET	mg/kg
94-28-SO-06-03	06DEC94	0.0279	0.0279	0.0249		DET	mg/kg
94-28-SO-08-01	06DEC94	0.0246	0.0246	0.0268		DET	mg/kg
94-28-SO-08-03	06DEC94	0.0453	0.0453	0.0245		DET	mg/kg
94-28-SO-10-01	06DEC94	0.0401	0.0401	0.0268		DET	mg/kg
94-28-SO-12-01	13DEC94	0.0254	0.0254	0.0239		DET	mg/kg
94-28-SO-13-01	13DEC94	0.0236	0.0236	0.0244		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0050038	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0043606	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0009353	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0012028	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0023534	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0037490	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0061272	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0048379	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0053412	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0034562	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.00654	.0065400	.00695		DET	mg/kg
94-28-SO-04B-02	07DEC94	.	.0008813	.00613	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0001208	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0055965	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0001492	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.00258	.0025800	.00613		DET	mg/kg
94-28-SO-10-01	06DEC94	.	.0000815	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0004852	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.00329	.0032900	.00610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.000986	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	0.01740	0.017400	.00695		DET	mg/kg
94-28-SO-04B-02	07DEC94	.	0.004500	.00613	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.00221	0.002210	.00613		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.005740	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.005637	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.002844	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.000375	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.004665	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	0.00500	0.005000	.00610		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0041078	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0012663	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0049954	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0010727	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0016744	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0046324	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0002973	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0020510	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0028181	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.05180	0.0621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.01487	0.0695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.03622	0.0613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.02006	0.0623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	0.00335	0.00335	0.0669		DET	mg/kg
94-28-SO-08-03	06DEC94	.	0.00020	0.0613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.05456	0.0671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.00540	0.0239	<	ND	mg/kg
94-28-SO-13-01	13DEC94	0.16000	0.16000	0.0244		DET	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0030627	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0024962	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0003339	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0056880	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0015191	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0000676	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0023644	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0036961	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0016132	.00610	<	ND	mg/kg

N = 9

--------- RISK_GRP=28 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	.0014681	.00621	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	.0033986	.00695	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	.0041916	.00613	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	.0000792	.00623	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	.0013359	.00669	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	.0046904	.00613	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	.0055011	.00671	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	.0006953	.00597	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	.0046092	.00610	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.15717	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.38266	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.08785	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.26850	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.04697	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.09282	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.22456	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.11425	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.25524	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.38671	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.34513	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.30576	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.19390	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.31529	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.24586	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.43597	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.04657	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.06454	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.39812	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.45390	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	1.2	1.20000	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.12806	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.38147	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.10287	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.08352	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.00138	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.15058	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.16486	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.12131	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.19607	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.36927	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.39053	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.32188	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.02035	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.33874	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.29426	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.37830	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.15909	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.07269	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.37095	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.17609	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.34047	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.33299	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.24383	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.06237	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.09250	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.30568	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.21709	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.02837	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.41867	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.12609	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.15519	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.22261	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.12132	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.31372	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.13324	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.153	0.15300	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.14069	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.21525	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.18499	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.13006	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.28244	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.25094	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.08353	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.24898	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.05171	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.23599	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.28140	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.37251	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.15673	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.33822	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.11958	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.01256	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.42602	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.14903	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.24108	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.27166	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.25493	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.22739	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	0.0512	0.05120	0.394		DET	mg/kg
94-28-SO-13-01	13DEC94	.	0.32455	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.01364	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.23069	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.31995	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.06349	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.17884	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.17068	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.26965	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.36656	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.16259	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.10187	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.09452	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.158	0.15800	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.14909	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.08850	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.15203	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.10957	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.31671	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.01688	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.09117	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.20287	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.35518	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.23621	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.43370	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.24856	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.14071	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.31887	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.33928	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.02643	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.21826	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.616	0.61600	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.25510	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.06392	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.21690	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.00366	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.00987	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.15866	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.15476	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.25942	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.33222	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.36692	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.09723	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.10669	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.05493	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.31895	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.01132	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.32084	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.45507	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.227	0.22700	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.40913	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.24352	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.12904	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.14474	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.07691	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.10147	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.27546	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.40788	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.117	0.11700	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.14184	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.25503	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.31597	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.33111	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.31062	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.06408	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.03215	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.31391	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.17914	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.12414	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.36267	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.23567	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.09448	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.19645	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.07876	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.23953	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.14350	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.215	0.21500	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.34810	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.15948	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.39647	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.11244	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.04522	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.16098	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.17361	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.06048	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.34391	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.20465	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.15826	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.29493	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.26398	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.08497	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.22669	0.402	<	ND	mg/kg

N = 9

-------- RISK_GRP=28 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate --------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.40831	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.11660	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	0.13	0.13000	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	.	0.06680	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	0.11	0.11000	0.442		DET	mg/kg
94-28-SO-08-03	06DEC94	.	0.39918	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.41903	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.20111	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.01826	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=28 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	0.6270	0.62700	0.410		DET	mg/kg
94-28-SO-04B-01	07DEC94	0.6740	0.67400	0.459		DET	mg/kg
94-28-SO-04B-02	07DEC94	0.5750	0.57500	0.404		DET	mg/kg
94-28-SO-06-01	06DEC94	0.0445	0.04450	0.405		DET	mg/kg
94-28-SO-06-03	06DEC94	0.0988	0.09880	0.411		DET	mg/kg
94-28-SO-08-01	06DEC94	0.1060	0.10600	0.442		DET	mg/kg
94-28-SO-08-03	06DEC94	0.4900	0.49000	0.405		DET	mg/kg
94-28-SO-10-01	06DEC94	.	0.23647	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	0.0827	0.08270	0.394		DET	mg/kg
94-28-SO-13-01	13DEC94	4.7200	4.72000	0.402		DET	mg/kg

N = 10

---------- RISK_GRP=28 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-28-SO-01B-01	07DEC94	.	0.17328	0.410	<	ND	mg/kg
94-28-SO-04B-01	07DEC94	.	0.27648	0.459	<	ND	mg/kg
94-28-SO-06-01	06DEC94	.	0.21452	0.405	<	ND	mg/kg
94-28-SO-06-03	06DEC94	.	0.11176	0.411	<	ND	mg/kg
94-28-SO-08-01	06DEC94	.	0.00161	0.442	<	ND	mg/kg
94-28-SO-08-03	06DEC94	.	0.39548	0.405	<	ND	mg/kg
94-28-SO-10-01	06DEC94	.	0.40634	0.443	<	ND	mg/kg
94-28-SO-12-01	13DEC94	.	0.39095	0.394	<	ND	mg/kg
94-28-SO-13-01	13DEC94	.	0.09543	0.402	<	ND	mg/kg

N = 9

---------- RISK_GRP=29 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-29-SO-01-01	31OCT94	10.4	10.4	.5		DET	mg/kg
94-29-SO-01-02	31OCT94	3820.0	3820.0	50		DET	mg/kg
94-29-SO-02-01	31OCT94	1880.0	1880.0	50		DET	mg/kg
94-29-SO-02-02	31OCT94	4760.0	4760.0	50	>	DET	mg/kg
94-29-SO-03-01	31OCT94	186.0	186.0	5		DET	mg/kg
94-29-SO-03-02	31OCT94	4440.0	4440.0	50	>	DET	mg/kg
94-29-SO-04-01	31OCT94	2150.0	2150.0	50		DET	mg/kg
94-29-SO-04-02	31OCT94	3580.0	3580.0	125		DET	mg/kg

N = 8

---------- RISK_GRP=31 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	535.00	535.00	166.0		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.00	0.00	42.6		DET	mg/kg
94-31-SO-03-02	24OCT94	818.00	818.00	159.0		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.00	0.00	40.3		DET	mg/kg
94-31-SO-07-01	03DEC94	1.88	1.88	38.3		DET	mg/kg

N = 5

---------- RISK_GRP=31 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-01-01	23OCT94	3870.0	3870.0	125		DET	mg/kg
94-31-SO-01-02	23OCT94	36.9	36.9	5		DET	mg/kg
94-31-SO-02-01	23OCT94	21.4	21.4	5		DET	mg/kg
94-31-SO-02-02	23OCT94	450.0	450.0	5		DET	mg/kg
94-31-SO-02-03	23OCT94	9.9	9.9	5		DET	mg/kg
94-31-SO-03-01	24OCT94	65.4	65.4	5		DET	mg/kg
94-31-SO-03-02	24OCT94	2560.0	2560.0	50		DET	mg/kg
94-31-SO-03-03	24OCT94	268.0	268.0	5		DET	mg/kg
94-31-SO-03B-01	04DEC94	52.7	52.7	5		DET	mg/kg
94-31-SO-03B-03	04DEC94	9.9	9.9	5		DET	mg/kg
94-31-SO-04-01	24OCT94	46.6	46.6	5		DET	mg/kg
94-31-SO-04-02	24OCT94	16.0	16.0	5		DET	mg/kg
94-31-SO-04-03	24OCT94	23.8	23.8	5		DET	mg/kg
94-31-SO-05-01	03DEC94	94.6	94.6	5		DET	mg/kg
94-31-SO-05-02	03DEC94	19.8	19.8	5		DET	mg/kg
94-31-SO-06-01	03DEC94	12.8	12.8	5		DET	mg/kg
94-31-SO-06-02	03DEC94	23.8	23.8	5		DET	mg/kg
94-31-SO-07-01	03DEC94	9.9	9.9	5		DET	mg/kg
94-31-SO-07-02	03DEC94	26.7	26.7	5		DET	mg/kg
94-31-SO-08-01	04DEC94	6.0	6.0	5		DET	mg/kg
94-31-SO-08-02	04DEC94	11.4	11.4	5		DET	mg/kg

N = 21

---------- RISK_GRP=31 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	12.2	12.2	1.38		DET	mg/kg
94-31-SO-02B-02	04DEC94	14.3	14.3	1.42		DET	mg/kg
94-31-SO-03B-02	04DEC94	10.8	10.8	1.34		DET	mg/kg
94-31-SO-07-01	03DEC94	10.4	10.4	1.28		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.0567	0.0567	0.277		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.0611	0.0611	0.284		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.0174	0.0174	0.268		DET	mg/kg
94-31-SO-07-01	03DEC94	0.0281	0.0281	0.255		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW6010 Analyte=Cadmium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	-0.02560	-0.02560	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	-0.00671	-0.00671	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	0.01020	0.01020	0.638		DET	mg/kg

N = 3

RISK_GRP=31 Method=SW6010 Analyte=Chromium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	1.69	1.69	1.38		DET	mg/kg
94-31-SO-02B-02	04DEC94	1.83	1.83	1.42		DET	mg/kg
94-31-SO-03B-02	04DEC94	1.22	1.22	1.34		DET	mg/kg
94-31-SO-07-01	03DEC94	1.44	1.44	1.28		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW6010 Analyte=Cobalt

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.387	0.387	1.38		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.636	0.636	1.42		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.509	0.509	1.34		DET	mg/kg
94-31-SO-07-01	03DEC94	0.656	0.656	1.28		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW6010 Analyte=Copper

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.886	0.886	2.77		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.960	0.960	2.84		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.702	0.702	2.68		DET	mg/kg
94-31-SO-07-01	03DEC94	0.696	0.696	2.55		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW6010 Analyte=Silver

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	-0.261	-0.261	1.42		DET	mg/kg
94-31-SO-03B-02	04DEC94	-0.310	-0.310	1.34		DET	mg/kg
94-31-SO-07-01	03DEC94	-0.140	-0.140	1.28		DET	mg/kg

N = 3

RISK_GRP=31 Method=SW6010 Analyte=Vanadium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	5.89	5.89	2.77		DET	mg/kg
94-31-SO-02B-02	04DEC94	4.18	4.18	2.84		DET	mg/kg
94-31-SO-03B-02	04DEC94	2.74	2.74	2.68		DET	mg/kg
94-31-SO-07-01	03DEC94	3.91	3.91	2.55		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW6010 Analyte=Zinc

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	5.86	5.86	2.77		DET	mg/kg
94-31-SO-02B-02	04DEC94	4.62	4.62	2.84		DET	mg/kg
94-31-SO-03B-02	04DEC94	2.44	2.44	2.68		DET	mg/kg
94-31-SO-07-01	03DEC94	3.61	3.61	2.55		DET	mg/kg

N = 4

RISK_GRP=31 Method=SW7041 Analyte=Antimony

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	-0.426	-0.426	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	-1.730	-1.730	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	-1.030	-1.030	0.638		DET	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.608	0.608	0.692		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.469	0.469	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.161	0.161	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	0.562	0.562	0.638		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	1.340	1.340	0.692		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.611	0.611	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.322	0.322	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	0.741	0.741	0.638		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	0	0	0.0284		DET	mg/kg
94-31-SO-03B-02	04DEC94	0	0	0.0268		DET	mg/kg
94-31-SO-07-01	03DEC94	0	0	0.0255		DET	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	-0.0284	-0.0284	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	-0.2950	-0.2950	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	-0.4720	-0.4720	0.638		DET	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	-0.369	-0.369	0.710		DET	mg/kg
94-31-SO-03B-02	04DEC94	-0.443	-0.443	0.671		DET	mg/kg
94-31-SO-07-01	03DEC94	-0.230	-0.230	0.638		DET	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0019123	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0005498	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0046577	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0038668	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0056472	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0053860	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0058278	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0004500	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0047562	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0000891	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0015175	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0041794	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	.00346	0.003460	0.138		DET	mg/kg
94-31-SO-02B-02	04DEC94	.00312	0.003120	0.142		DET	mg/kg
94-31-SO-03B-02	04DEC94	.00161	0.001610	0.134		DET	mg/kg
94-31-SO-07-01	03DEC94	.	0.059319	0.128	<	ND	mg/kg

N = 4

--------- RISK_GRP=31 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0014390	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0058062	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0061449	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.5280	0.5280	0.138		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.3740	0.3740	0.142		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.0565	0.0565	0.134		DET	mg/kg
94-31-SO-07-01	03DEC94	0.0319	0.0319	0.128		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0065350	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0033289	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0035783	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0068823	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0043983	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0025286	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0034765	.00710	<	ND	mg/kg
94-31-SD-03B-02	04DEC94	.	.0034831	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0039098	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0051419	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0008244	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0019049	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.00844	0.00844	0.0277		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.01310	0.01310	0.0284		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.01220	0.01220	0.0268		DET	mg/kg
94-31-SO-07-01	03DEC94	0.01070	0.01070	0.0255		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0041379	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0018747	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0040483	.00638	<	NO	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.01040	0.01040	.00692		DET	mg/kg
94-31-SO-02B-02	04DEC94	0.00241	0.00241	.00710		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.00228	0.00228	.00671		DET	mg/kg
94-31-SO-07-01	03DEC94	0.00281	0.00281	.00638		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0013960	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0022990	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0038749	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0042130	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0026572	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0028335	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.00554	0.005540	0.0710		DET	mg/kg
94-31-SO-03B-02	04DEC94	.	0.050831	0.0671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.00536	0.005360	0.0638		DET	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0013294	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0015547	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0028452	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	.0061665	.00710	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	.0037614	.00671	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	.0056785	.00638	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.46025	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.43506	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.14239	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.45721	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.27491	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.17616	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.15344	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.03610	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.06809	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.36507	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.07341	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.16257	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.22604	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.07082	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.26405	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.22554	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.21640	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.36779	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.41089	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.29845	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.28277	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.44671	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.40975	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.40808	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.01653	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.43B37	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.11103	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.44220	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.33450	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.33523	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.39555	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.23104	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.39691	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.07740	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.02326	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.14602	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.09009	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.34558	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.05271	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.39217	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.20712	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.09109	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.45999	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.23540	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.26938	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.15600	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.09627	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.38206	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.11840	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.13713	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.23094	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.12628	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.21728	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.05980	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.33724	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.05990	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.32604	0.421	<	ND	mg/kg

N = 3

-------- RISK_GRP=31 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.32984	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.24327	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.39515	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=31 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-01	04DEC94	0.6570	0.6570	0.456		DET	mg/kg
94-31-SO-02B-02	04DEC94	2.8000	2.8000	0.469		DET	mg/kg
94-31-SO-03B-02	04DEC94	0.6030	0.6030	0.443		DET	mg/kg
94-31-SO-07-01	03DEC94	0.0506	0.0506	0.421		DET	mg/kg

N = 4

---------- RISK_GRP=31 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-31-SO-02B-02	04DEC94	.	0.08812	0.469	<	ND	mg/kg
94-31-SO-03B-02	04DEC94	.	0.23932	0.443	<	ND	mg/kg
94-31-SO-07-01	03DEC94	.	0.19836	0.421	<	ND	mg/kg

N = 3

---------- RISK_GRP=34 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03-02	31OCT94	33.30	33.30	39.5		DET	mg/kg
94-34-SO-03B-01	06DEC94	154.00	154.00	37.5		DET	mg/kg
94-34-SO-03B-03	06DEC94	9.41	9.41	38.5		DET	mg/kg
94-34-SO-06-01	31OCT94	257.00	257.00	66.2		DET	mg/kg
94-34-SO-06B-01	06DEC94	285.00	285.00	38.9		DET	mg/kg
94-34-SO-10-01	05DEC94	146.00	146.00	39.9		DET	mg/kg
94-34-SO-11-01	06DEC94	18.00	18.00	37.0		DET	mg/kg
94-34-SO-12-01	07DEC94	105.00	105.00	38.5		DET	mg/kg

N = 8

---------- RISK_GRP=34 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-01-01	31OCT94	36.0	36.0	5		DET	mg/kg
94-34-SO-01-02	31OCT94	8.9	8.9	5		DET	mg/kg
94-34-SO-02-01	31OCT94	9.5	9.5	5		DET	mg/kg
94-34-SO-02-02	31OCT94	3.8	3.8	5		DET	mg/kg
94-34-SO-03-01	31OCT94	148.0	148.0	5		DET	mg/kg

---------- RISK_GRP=34 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03-02	31OCT94	7.5	7.5	5		DET	mg/kg
94-34-SO-03B-02	06DEC94	24.3	24.3	5		DET	mg/kg
94-34-SO-04-01	31OCT94	10.0	10.0	5		DET	mg/kg
94-34-SO-04-02	31OCT94	8.5	8.5	5		DET	mg/kg
94-34-SO-05-01	31OCT94	8.1	8.1	5		DET	mg/kg
94-34-SO-05-02	31OCT94	4.5	4.5	5		DET	mg/kg
94-34-SO-06-01	31OCT94	106.0	106.0	5		DET	mg/kg
94-34-SO-06-02	31OCT94	7.6	7.6	5		DET	mg/kg
94-34-SO-06-03	31OCT94	5.9	5.9	5		DET	mg/kg
94-34-SO-07-01	05DEC94	25.1	25.1	5		DET	mg/kg
94-34-SO-08-01	05DEC94	138.0	138.0	5		DET	mg/kg
94-34-SO-09-01	05DEC94	22.4	22.4	5		DET	mg/kg
94-34-SO-10-01	05DEC94	53.2	53.2	5		DET	mg/kg
94-34-SO-10-02	05DEC94	11.9	11.9	5		DET	mg/kg
94-34-SO-11-01	05DEC94	25.6	25.6	5		DET	mg/kg
94-34-SO-12-01	07DEC94	13.7	13.7	5		DET	mg/kg
94-34-SO-12-02	07DEC94	5.8	5.8	5		OET	mg/kg

N = 22

---------- RISK_GRP=34 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	38.0	38.0	1.25		DET	mg/kg
94-34-SO-03B-03	06DEC94	26.7	26.7	1.28		DET	mg/kg
94-34-SO-06B-01	06DEC94	55.9	55.9	1.30		DET	mg/kg
94-34-SO-10-01	05DEC94	31.1	31.1	1.33		DET	mg/kg
94-34-SO-11-01	06DEC94	23.3	23.3	1.23		DET	mg/kg
94-34-SO-12-01	07DEC94	54.1	54.1	1.28		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.2540	0.2540	0.250		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.0629	0.0629	0.257		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.3760	0.3760	0.259		DET	mg/kg
94-34-SO-10-01	05DEC94	0.0957	0.0957	0.266		DET	mg/kg
94-34-SO-11-01	06DEC94	0.1640	0.1640	0.247		DET	mg/kg

---------- RISK_GRP=34 Method=SW6010 Analyte=Beryllium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-12-01	07DEC94	0.438	0.438	0.256		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.8080	0.8080	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	-0.0192	-0.0192	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	9.6200	9.6200	0.648		DET	mg/kg
94-34-SO-10-01	05DEC94	0.3420	0.3420	0.665		DET	mg/kg
94-34-SO-11-01	06DEC94	0.1790	0.1790	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	0.5730	0.5730	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	6.66	6.66	1.25		DET	mg/kg
94-34-SO-03B-03	06DEC94	2.98	2.98	1.28		DET	mg/kg
94-34-SO-06B-01	06DEC94	10.80	10.80	1.30		DET	mg/kg
94-34-SO-10-01	05DEC94	4.40	4.40	1.33		DET	mg/kg
94-34-SO-11-01	06DEC94	3.57	3.57	1.23		DET	mg/kg
94-34-SO-12-01	07DEC94	9.31	9.31	1.28		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	2.100	2.100	1.25		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.916	0.916	1.28		DET	mg/kg
94-34-SO-06B-01	06DEC94	2.480	2.480	1.30		DET	mg/kg
94-34-SO-10-01	05DEC94	1.210	1.210	1.33		DET	mg/kg
94-34-SO-11-01	06DEC94	1.250	1.250	1.23		DET	mg/kg
94-34-SO-12-01	07DEC94	3.630	3.630	1.28		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	5.98	5.98	2.50		DET	mg/kg
94-34-SO-03B-03	06DEC94	1.55	1.55	2.57		DET	mg/kg
94-34-SO-06B-01	06DEC94	11.80	11.80	2.59		DET	mg/kg
94-34-SO-10-01	05DEC94	4.51	4.51	2.66		DET	mg/kg
94-34-SO-11-01	06DEC94	2.34	2.34	2.47		DET	mg/kg
94-34-SO-12-01	07DEC94	12.60	12.60	2.56		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	-0.1090	-0.1090	1.25		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.0436	0.0436	1.28		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.0013	0.0013	1.30		DET	mg/kg
94-34-SO-10-01	05DEC94	0.4190	0.4190	1.33		DET	mg/kg
94-34-SO-11-01	06DEC94	-0.0704	-0.0704	1.23		DET	mg/kg
94-34-SO-12-01	07DEC94	0.3880	0.3880	1.28		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	9.89	9.89	2.50		DET	mg/kg
94-34-SO-03B-03	06DEC94	10.30	10.30	2.57		DET	mg/kg
94-34-SO-06B-01	06DEC94	12.40	12.40	2.59		DET	mg/kg
94-34-SO-10-01	05DEC94	7.33	7.33	2.66		DET	mg/kg
94-34-SO-11-01	06DEC94	6.01	6.01	2.47		DET	mg/kg
94-34-SO-12-01	07DEC94	11.90	11.90	2.56		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	23.00	23.00	2.50		DET	mg/kg
94-34-SO-03B-03	06DEC94	6.97	6.97	2.57		DET	mg/kg

---------- RISK_GRP=34 Method=SW6010 Analyte=Zinc ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-06B-01	06DEC94	50.8	50.8	2.59		DET	mg/kg
94-34-SO-10-01	05DEC94	30.4	30.4	2.66		DET	mg/kg
94-34-SO-11-01	06DEC94	12.3	12.3	2.47		DET	mg/kg
94-34-SO-12-01	07DEC94	40.8	40.8	2.56		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	-0.2380	-0.2380	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	-0.3720	-0.3720	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.7130	0.7130	0.648		DET	mg/kg
94-34-SO-10-01	05DEC94	1.7700	1.7700	0.665		DET	mg/kg
94-34-SO-11-01	06DEC94	-0.0494	-0.0494	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	1.4200	1.4200	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	1.50	1.50	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	1.90	1.90	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	1.28	1.28	0.648		DET	mg/kg
94-34-SO-10-01	05DEC94	1.65	1.65	0.665		DET	mg/kg
94-34-SO-11-01	06DEC94	1.26	1.26	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	2.28	2.28	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	9.09	9.09	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	1.39	1.39	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	27.00	27.00	0.648		DET	mg/kg

---------- RISK_GRP=34 Method=SW7421 Analyte=Lead ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-10-01	05DEC94	7.96	7.96	0.665		DET	mg/kg
94-34-SO-11-01	06DEC94	5.26	5.26	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	10.30	10.30	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.0150	0.0150	0.0250		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.0154	0.0154	0.0257		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.0156	0.0156	0.0259		DET	mg/kg
94-34-SO-10-01	05DEC94	0.0160	0.0160	0.0266		DET	mg/kg
94-34-SO-11-01	06DEC94	0.0148	0.0148	0.0247		DET	mg/kg
94-34-SO-12-01	07DEC94	0.0154	0.0154	0.0256		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	-0.375	-0.375	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.398	0.398	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.233	0.233	0.648		DET	mg/kg
94-34-SO-10-01	05DEC94	-0.253	-0.253	0.665		DET	mg/kg
94-34-SO-11-01	06DEC94	-0.802	-0.802	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	0.410	0.410	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.2380	0.2380	0.625		DET	mg/kg
94-34-SO-03B-03	06DEC94	-0.0898	-0.0898	0.642		DET	mg/kg
94-34-SO-06B-01	06DEC94	-0.0130	-0.0130	0.648		DET	mg/kg
94-34-SO-10-01	05DEC94	-0.1200	-0.1200	0.665		DET	mg/kg

---------- RISK_GRP=34 Method=SW7841 Analyte=Thallium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-11-01	06DEC94	0.0617	0.0617	0.617		DET	mg/kg
94-34-SO-12-01	07DEC94	0.1670	0.1670	0.641		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.00212	.0021200	.00625		DET	mg/kg
94-34-SO-06B-01	06DEC94	.	.0060016	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0044737	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0043145	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0056777	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0010242	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0035505	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0049479	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0005738	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0003154	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0025805	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0016584	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0001313	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0057595	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0061785	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0008967	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0007679	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0015839	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0042222	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0055510	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.00200	0.00200	0.125		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.01270	0.01270	0.128		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.00467	0.00467	0.130		DET	mg/kg
94-34-SO-10-01	05DEC94	.	0.13091	0.133	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.11252	0.123	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.02998	0.128	<	ND	mg/kg

N = 6

--------- RISK_GRP=34 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0021749	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0050038	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0008832	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0001552	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0022618	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.0231	0.02310	0.125		DET	mg/kg
94-34-SO-03B-03	06DEC94	1.9900	1.99000	1.280		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.0825	0.08250	0.130		DET	mg/kg
94-34-SO-10-01	05DEC94	.	0.05523	0.133	<	ND	mg/kg

---------- RISK_GRP=34 Method=SW8260 Analyte=Acetone ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-11-01	06DEC94	.	0.075556	0.123	<	ND	mg/kg
94-34-SO-12-01	07DEC94	0.0472	0.047200	0.128		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0021466	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0055853	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0031395	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0021290	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0034379	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0061553	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.00804	.0080400	.00648		DET	mg/kg
94-34-SO-10-01	05DEC94	.	.0052729	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0059014	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0033381	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0024382	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0039931	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0025625	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0008475	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0043760	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0045036	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0011524	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0004461	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0056372	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0006666	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.0175	0.0175	0.0250		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.0356	0.0356	0.0257		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.0377	0.0377	0.0259		DET	mg/kg
94-34-SO-10-01	05DEC94	0.0213	0.0213	0.0266		DET	mg/kg
94-34-SO-11-01	06DEC94	0.0341	0.0341	0.0247		DET	mg/kg
94-34-SO-12-01	07DEC94	0.0319	0.0319	0.0256		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0031300	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0016561	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0010817	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0039578	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0063641	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0043158	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0049032	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0047781	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0054678	.00617	<	ND	mg/kg

---------- RISK_GRP=34 Method=SW8260 Analyte=Toluene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-12-01	07DEC94	.	.0048371	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0036126	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0011407	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0029085	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0038324	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0010657	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0061332	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0064021	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0059168	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0011539	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0035593	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.004833	0.0625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.033974	0.0648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.00758	0.007580	0.0665		DET	mg/kg
94-34-SO-11-01	06DEC94	.	0.061529	0.0617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.018786	0.0641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0027975	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0031695	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0056256	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0050214	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0038217	.00641	<	ND	mg/kg

N = 5

--------- RISK_GRP=34 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	.0047601	.00625	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	.0038554	.00648	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	.0050377	.00665	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	.0038607	.00617	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	.0055769	.00641	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.03372	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.31432	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.22162	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.14954	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.18371	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.03285	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.28736	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.36333	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.38880	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.01327	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.40567	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.33922	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.43362	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.30219	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.04290	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.36240	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.11288	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.00984	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.19755	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.17935	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.31739	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.30378	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.07125	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.27006	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.12740	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.29275	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.18173	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.29152	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.15418	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.32449	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.06939	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.41260	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.29966	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.19288	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.05127	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.18524	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.04511	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.28034	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.38981	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.23122	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.11856	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.13414	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.00686	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.09670	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.40564	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.32890	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.30540	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.42329	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.22329	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.18050	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.16577	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.15068	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.31297	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.20293	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.25321	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.00097	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.38417	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.36843	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.03406	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.26872	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.30927	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.00724	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.17886	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.36786	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.40232	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.23321	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.22220	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.11468	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.12198	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.42093	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.12754	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.20566	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.01480	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.19308	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.15686	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.35506	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.40240	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.22299	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.31749	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.32699	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.30260	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.04211	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.14605	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.29605	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.22826	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.06991	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.35693	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.37855	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.05036	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.28854	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.12084	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.34423	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.10574	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.09417	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.21075	0.423	<	ND	mg/kg

N = 5

-------- RISK_GRP=34 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.17135	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	1.37	1.37000	0.428		DET	mg/kg
94-34-SO-10-01	05DEC94	.	0.22764	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.03091	0.407	<	ND	mg/kg
94-34-SO-12-01	07DEC94	.	0.28157	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=34 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	0.438	0.438	0.412		DET	mg/kg
94-34-SO-03B-03	06DEC94	0.072	0.072	0.424		DET	mg/kg
94-34-SO-06B-01	06DEC94	0.205	0.205	0.428		DET	mg/kg
94-34-SO-10-01	05DEC94	0.132	0.132	0.439		DET	mg/kg
94-34-SO-11-01	06DEC94	0.551	0.551	0.407		DET	mg/kg
94-34-SO-12-01	07DEC94	0.944	0.944	0.423		DET	mg/kg

N = 6

---------- RISK_GRP=34 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-03B-01	06DEC94	.	0.00007	0.412	<	ND	mg/kg
94-34-SO-06B-01	06DEC94	.	0.42471	0.428	<	ND	mg/kg
94-34-SO-10-01	05DEC94	.	0.43465	0.439	<	ND	mg/kg
94-34-SO-11-01	06DEC94	.	0.35031	0.407	<	ND	mg/kg

---------- RISK_GRP=34 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-34-SO-12-01	07DEC94	.	0.037336	0.423	<	ND	mg/kg

N = 5

---------- RISK_GRP=35 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-35-SO-01-01	31OCT94	18.0	18.0	5		DET	mg/kg
94-35-SO-01-02	31OCT94	16.6	16.6	5		DET	mg/kg
94-35-SO-02-01	31OCT94	20.8	20.8	5		DET	mg/kg
94-35-SO-02-02	31OCT94	12.1	12.1	5		DET	mg/kg
94-35-SO-03-01	31OCT94	17.6	17.6	5		DET	mg/kg
94-35-SO-03-02	31OCT94	21.4	21.4	5		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	298.0	298.0	147.0		DET	mg/kg
94-37-SO-04B-03	02DEC94	220.0	220.0	39.3		DET	mg/kg
94-37-SO-05-02	26OCT94	36.2	36.2	37.5		DET	mg/kg
94-37-SO-05B-01	02DEC94	12.0	12.0	39.3		DET	mg/kg
94-37-SO-06-01	02DEC94	54.1	54.1	40.8		DET	mg/kg
94-37-SO-08-01	02DEC94	78.4	78.4	39.3		DET	mg/kg
94-37-SO-09-01	13DEC94	20.2	20.2	38.0		DET	mg/kg

N = 7

---------- RISK_GRP=37 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-01-01	25OCT94	34.3	34.3	5		DET	mg/kg
94-37-SO-01-02	25OCT94	6.8	6.8	5		DET	mg/kg
94-37-SO-02-01	25OCT94	18.2	18.2	5		DET	mg/kg
94-37-SO-02-02	25OCT94	13.3	13.3	5		DET	mg/kg
94-37-SO-03-01	25OCT94	26.5	26.5	5		DET	mg/kg

---------- RISK_GRP=37 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-03-02	25OCT94	39.8	39.8	5		DET	mg/kg
94-37-SO-04-01	25OCT94	167.0	167.0	5		DET	mg/kg
94-37-SO-04-02	25OCT94	54.1	54.1	5		DET	mg/kg
94-37-SO-04B-02	07DEC94	10.9	10.9	5		DET	mg/kg
94-37-SO-05-01	26OCT94	184.0	184.0	5		DET	mg/kg
94-37-SO-05-02	26OCT94	15.5	15.5	5		DET	mg/kg
94-37-SO-05B-02	07DEC94	12.7	12.7	5		DET	mg/kg
94-37-SO-06-01	07DEC94	25.6	25.6	5		DET	mg/kg
94-37-SO-06-02	07DEC94	5.0	5.0	5		DET	mg/kg
94-37-SO-07-01	07DEC94	15.9	15.9	5		DET	mg/kg
94-37-SO-07-02	07DEC94	13.7	13.7	5		DET	mg/kg
94-37-SO-08-01	07DEC94	110.0	110.0	5		DET	mg/kg
94-37-SO-09-01	13DEC94	17.8	17.8	5		DET	mg/kg

N = 18

---------- RISK_GRP=37 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	26.6	26.6	1.22		DET	mg/kg
94-37-SO-04B-03	02DEC94	27.8	27.8	1.31		DET	mg/kg
94-37-SO-05B-01	02DEC94	32.6	32.6	1.31		DET	mg/kg
94-37-SO-06-01	02DEC94	13.4	13.4	1.36		DET	mg/kg
94-37-SO-08-01	02DEC94	25.0	25.0	1.31		DET	mg/kg
94-37-SO-09-01	13DEC94	24.1	24.1	1.27		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.0733	0.0733	0.244		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.0865	0.0865	0.262		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.0485	0.0485	0.262		DET	mg/kg
94-37-SO-06-01	02DEC94	0.0109	0.0109	0.272		DET	mg/kg
94-37-SO-08-01	02DEC94	0.0366	0.0366	0.262		DET	mg/kg
94-37-SO-09-01	13DEC94	0.0406	0.0406	0.253		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.0831	0.0831	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.1350	0.1350	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.0734	0.0734	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	0.1140	0.1140	0.680		DET	mg/kg
94-37-SO-08-01	02DEC94	0.1390	0.1390	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	0.0836	0.0836	0.634		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	2.660	2.660	1.22		DET	mg/kg
94-37-SO-04B-03	02DEC94	3.630	3.630	1.31		DET	mg/kg
94-37-SO-05B-01	02DEC94	2.120	2.120	1.31		DET	mg/kg
94-37-SO-06-01	02DEC94	0.912	0.912	1.36		DET	mg/kg
94-37-SO-08-01	02DEC94	1.990	1.990	1.31		DET	mg/kg
94-37-SO-09-01	13DEC94	1.760	1.760	1.27		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.989	0.989	1.22		DET	mg/kg
94-37-SO-04B-03	02DEC94	1.310	1.310	1.31		DET	mg/kg
94-37-SO-05B-01	02DEC94	-0.186	-0.186	1.31		DET	mg/kg
94-37-SO-06-01	02DEC94	0.518	0.518	1.36		DET	mg/kg
94-37-SO-08-01	02DEC94	0.182	0.182	1.31		DET	mg/kg
94-37-SO-09-01	13DEC94	2.190	2.190	1.27		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	1.92	1.92	2.44		DET	mg/kg
94-37-SO-04B-03	02DEC94	2.25	2.25	2.62		DET	mg/kg

---------- RISK_GRP=37 Method=SW6010 Analyte=Copper ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-05B-01	02DEC94	2.54	2.54	2.62		DET	mg/kg
94-37-SO-06-01	02DEC94	1.62	1.62	2.72		DET	mg/kg
94-37-SO-08-01	02DEC94	2.18	2.18	2.62		DET	mg/kg
94-37-SO-09-01	13DEC94	2.12	2.12	2.53		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.224	0.224	1.22		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.351	0.351	1.31		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.380	0.380	1.31		DET	mg/kg
94-37-SO-06-01	02DEC94	0.445	0.445	1.36		DET	mg/kg
94-37-SO-08-01	02DEC94	0.321	0.321	1.31		DET	mg/kg
94-37-SO-09-01	13DEC94	0.104	0.104	1.27		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	6.66	6.66	2.44		DET	mg/kg
94-37-SO-04B-03	02DEC94	7.88	7.88	2.62		DET	mg/kg
94-37-SO-05B-01	02DEC94	6.09	6.09	2.62		DET	mg/kg
94-37-SO-06-01	02DEC94	4.05	4.05	2.72		DET	mg/kg
94-37-SO-08-01	02DEC94	5.16	5.16	2.62		DET	mg/kg
94-37-SO-09-01	13DEC94	5.92	5.92	2.53		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	8.44	8.44	2.44		DET	mg/kg
94-37-SO-04B-03	02DEC94	10.00	10.00	2.62		DET	mg/kg
94-37-SO-05B-01	02DEC94	8.23	8.23	2.62		DET	mg/kg

RISK_GRP=37 Method=SW6010 Analyte=Zinc (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-06-01	02DEC94	3.06	3.06	2.72		DET	mg/kg
94-37-SO-08-01	02DEC94	8.12	8.12	2.62		DET	mg/kg
94-37-SO-09-01	13DEC94	7.32	7.32	2.53		DET	mg/kg

N = 6

RISK_GRP=37 Method=SW7041 Analyte=Antimony

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.464	0.464	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.130	0.130	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	1.090	1.090	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	1.740	1.740	0.680		DET	mg/kg
94-37-SO-08-01	02DEC94	0.327	0.327	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	-0.938	-0.938	0.634		DET	mg/kg

N = 6

RISK_GRP=37 Method=SW7060 Analyte=Arsenic

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.770	0.770	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.930	0.930	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	1.070	1.070	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	0.667	0.667	0.680		DET	mg/kg
94-37-SO-08-01	02DEC94	0.955	0.955	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	1.130	1.130	0.634		DET	mg/kg

N = 6

RISK_GRP=37 Method=SW7421 Analyte=Lead

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	1.050	1.050	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.577	0.577	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	1.050	1.050	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	-0.517	-0.517	0.680		DET	mg/kg

RISK_GRP=37 Method=SW7421 Analyte=Lead (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-08-01	02DEC94	2.33	2.33	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	1.67	1.67	0.634		DET	mg/kg

N = 6

RISK_GRP=37 Method=SW7471 Analyte=Mercury

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0	0	0.0244		DET	mg/kg
94-37-SO-05B-01	02DEC94	0	0	0.0262		DET	mg/kg
94-37-SO-06-01	02DEC94	0	0	0.0272		DET	mg/kg
94-37-SO-08-01	02DEC94	0	0	0.0262		DET	mg/kg
94-37-SO-09-01	13DEC94	0	0	0.0253		DET	mg/kg

N = 5

RISK_GRP=37 Method=SW7740 Analyte=Selenium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	-0.403	-0.403	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.236	0.236	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.380	0.380	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	0.150	0.150	0.680		DET	mg/kg
94-37-SO-08-01	02DEC94	0.262	0.262	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	-0.266	-0.266	0.634		DET	mg/kg

N = 6

RISK_GRP=37 Method=SW7841 Analyte=Thallium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.1470	0.1470	0.611		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.1830	0.1830	0.655		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.1310	0.1310	0.655		DET	mg/kg
94-37-SO-06-01	02DEC94	0.1770	0.1770	0.680		DET	mg/kg
94-37-SO-08-01	02DEC94	0.0916	0.0916	0.654		DET	mg/kg
94-37-SO-09-01	13DEC94	0.0127	0.0127	0.634		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0058223	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0009371	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0022253	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0014633	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0017490	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0044395	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0054144	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0016800	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0038062	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0050105	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0006014	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0046445	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0046335	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0029697	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0027616	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0022003	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0029399	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0018413	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0005748	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0008698	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.00208	0.002080	0.122		DET	mg/kg
94-37-SO-05B-01	02DEC94	.	0.040546	0.131	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.012966	0.136	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.029834	0.131	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.00304	0.003040	0.127		DET	mg/kg

N = 5

--------- RISK_GRP=37 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0038188	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0032357	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0047368	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0064851	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0000353	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.05960	0.05960	0.122		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.00708	0.00708	0.131		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.13000	0.13000	0.131		DET	mg/kg
94-37-SO-06-01	02DEC94	0.01500	0.01500	0.136		DET	mg/kg
94-37-SO-08-01	02DEC94	0.12200	0.12200	0.131		DET	mg/kg
94-37-SO-09-01	13DEC94	0.06530	0.06530	0.127		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0038560	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0059670	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0037173	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0050444	.00654	<	ND	mg/kg

---------- RISK_GRP=37 Method=SW8260 Analyte=Benzene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-09-01	13DEC94	.	.0036014	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0007083	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0051642	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0047842	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0053418	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0022964	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0005877	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0041686	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0003588	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0057654	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0028177	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0008723	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0060262	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0005433	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0033627	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0034548	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.0240	0.024000	0.0244		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.0155	0.015500	0.0262		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.0174	0.017400	0.0262		DET	mg/kg
94-37-SO-06-01	02DEC94	0.0110	0.011000	0.0272		DET	mg/kg
94-37-SO-08-01	02DEC94	.	0.021284	0.0262	<	ND	mg/kg
94-37-SO-09-01	13DEC94	0.0224	0.022400	0.0253		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0019120	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0014783	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0063572	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0008417	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0036818	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.00159	.0015900	.00611		DET	mg/kg
94-37-SO-05B-01	02DEC94	.	.0002203	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0046402	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0009097	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0062643	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0034229	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0033523	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0056251	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0031637	.00654	<	ND	mg/kg

---------- RISK_GRP=37 Method=SW8260 Analyte=Total xylenes ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-09-01	13DEC94	.	.0036291	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0004470	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0059748	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0016608	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0023180	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0036646	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.016302	0.0611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.020008	0.0655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.038944	0.0680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.000304	0.0654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.004211	0.0253	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0040044	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0029909	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0058892	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0016342	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0045573	.00634	<	ND	mg/kg

N = 5

--------- RISK_GRP=37 Method=SW8260 Analyte=trans-1,2-Dichloroethene ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	.0038926	.00611	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	.0011124	.00655	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	.0010543	.00680	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	.0017042	.00654	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	.0043181	.00634	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.09090	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.02394	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.42268	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.11093	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.24181	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.24948	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.24900	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.02688	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.11215	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.17176	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.13954	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.09229	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.24989	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.02255	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.37415	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.17531	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.28068	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.27704	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.19485	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.00489	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.30765	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.41017	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.31424	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.01823	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.17919	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.01742	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.32662	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.14201	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.35448	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.40856	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.15769	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.27989	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.09816	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.121	0.12100	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.10530	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.26356	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.41805	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.20589	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.40376	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.18063	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.0645	0.06450	0.403		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.0606	0.06060	0.432		DET	mg/kg
94-37-SO-05B-01	02DEC94	.	0.06269	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	0.0494	0.04940	0.449		DET	mg/kg
94-37-SO-08-01	02DEC94	.	0.39356	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.20070	0.418	<	ND	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.27548	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.18513	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.13523	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.04169	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.33111	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.08222	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.39979	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.25300	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.259	0.25900	0.432		DET	mg/kg

---------- RISK_GRP=37 Method=SW8270 Analyte=Fluoranthene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-09-01	13DEC94	.	0.38032	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.21590	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.18614	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.29999	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.40850	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.29861	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.15194	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.41691	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.32949	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.33139	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.37265	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.0444	0.04440	0.403		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.0735	0.07350	0.432		DET	mg/kg
94-37-SO-05B-01	02DEC94	.	0.21628	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.01658	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.1950	0.19500	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.00459	0.418	<	ND	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.10580	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.10621	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.39190	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.212	0.21200	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.35145	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.05059	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.09620	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.25635	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.104	0.10400	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.21367	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.22563	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.34236	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.44388	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.24606	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.18279	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.36233	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.11882	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.10839	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.112	0.11200	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.41733	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.30654	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.23412	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.39289	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.125	0.12500	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	.	0.34421	0.418	<	ND	mg/kg

N = 5

-------- RISK_GRP=37 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.25600	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.26174	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.40000	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.24427	0.432	<	ND	mg/kg
94-37-SO-09-01	13DEC94	.	0.05010	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=37 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	0.1530	0.15300	0.403		DET	mg/kg
94-37-SO-04B-03	02DEC94	0.0952	0.09520	0.432		DET	mg/kg
94-37-SO-05B-01	02DEC94	0.1560	0.15600	0.432		DET	mg/kg
94-37-SO-06-01	02DEC94	.	0.23376	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	0.1730	0.17300	0.432		DET	mg/kg
94-37-SO-09-01	13DEC94	0.0544	0.05440	0.418		DET	mg/kg

N = 6

---------- RISK_GRP=37 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-04B-01	02DEC94	.	0.09297	0.403	<	ND	mg/kg
94-37-SO-05B-01	02DEC94	.	0.41574	0.432	<	ND	mg/kg
94-37-SO-06-01	02DEC94	.	0.34986	0.449	<	ND	mg/kg
94-37-SO-08-01	02DEC94	.	0.20383	0.432	<	ND	mg/kg

---------- RISK_GRP=37 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-37-SO-09-01	13DEC94	.	0.23604	0.418	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	207.00	207.00	36.9		DET	mg/kg
94-38-SO-03B-01	06DEC94	840.00	840.00	155.0		DET	mg/kg
94-38-SO-03B-02	06DEC94	59.70	59.70	36.6		DET	mg/kg
94-38-SO-04-01	25OCT94	30.20	30.20	36.2		DET	mg/kg
94-38-SO-08-01	06DEC94	235.00	235.00	73.7		DET	mg/kg
94-38-SO-08-02	06DEC94	-2.18	-2.18	38.2		DET	mg/kg
94-38-SO-09-01	13DEC94	39.20	39.20	34.8		DET	mg/kg

N = 7

---------- RISK_GRP=38 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-01-01	25OCT94	16.0	16.0	5		DET	mg/kg
94-38-SO-01-02	25OCT94	4.7	4.7	5		DET	mg/kg
94-38-SO-02-01	25OCT94	11.6	11.6	5		DET	mg/kg
94-38-SO-02-02	25OCT94	4.1	4.1	5		DET	mg/kg
94-38-SO-03-01	25OCT94	73.6	73.6	5		DET	mg/kg
94-38-SO-03-02	25OCT94	258.0	258.0	5		DET	mg/kg
94-38-SO-03B-03	06DEC94	31.5	31.5	5		DET	mg/kg
94-38-SO-04-01	25OCT94	27.4	27.4	5		DET	mg/kg
94-38-SO-04-02	25OCT94	3.9	3.9	5		DET	mg/kg
94-38-SO-05-01	26OCT94	1.9	1.9	5		DET	mg/kg
94-38-SO-06-01	26OCT94	1.9	1.9	5		DET	mg/kg
94-38-SO-07-01	06DEC94	196.0	196.0	5		DET	mg/kg
94-38-SO-07-02	06DEC94	14.5	14.5	5		DET	mg/kg
94-38-SO-08-01	06DEC94	146.0	146.0	5		DET	mg/kg
94-38-SO-08-02	06DEC94	9.9	9.9	5		DET	mg/kg
94-38-SO-09-01	13DEC94	6.9	6.9	5		DET	mg/kg
94-38-SO-09-02	13DEC94	60.0	60.0	5		DET	mg/kg
94-38-SO-10-01	13DEC94	6.9	6.9	5		DET	mg/kg
94-38-SO-10-02	13DEC94	10.8	10.8	5		DET	mg/kg

N = 19

---------- RISK_GRP=38 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	25.4	25.4	1.23		DET	mg/kg
94-38-SO-03B-01	06DEC94	115.0	115.0	1.29		DET	mg/kg
94-38-SO-03B-02	06DEC94	34.2	34.2	1.22		DET	mg/kg
94-38-SO-08-01	06DEC94	26.6	26.6	1.23		DET	mg/kg
94-38-SO-08-02	06DEC94	24.8	24.8	1.27		DET	mg/kg
94-38-SO-09-01	13DEC94	20.8	20.8	1.16		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6D10 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.0702	0.0702	0.246		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.0530	0.0530	0.259		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.1210	0.1210	0.244		DET	mg/kg
94-38-SO-08-01	06DEC94	0.0516	0.0516	0.246		DET	mg/kg
94-38-SO-08-02	06DEC94	0.0815	0.0815	0.255		DET	mg/kg
94-38-SO-09-01	13DEC94	0.0916	0.0916	0.232		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Cadmium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.252	0.252	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	2.540	2.540	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.437	0.437	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	0.155	0.155	0.614		DET	mg/kg
94-38-SO-08-02	06DEC94	0.124	0.124	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	0.000	0.000	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Chromium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	3.16	3.16	1.23		DET	mg/kg
94-38-SO-03B-01	06DEC94	31.20	31.20	1.29		DET	mg/kg

---------- RISK_GRP=38 Method=SW6010 Analyte=Chromium ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-03B-02	06DEC94	6.97	6.97	1.22		DET	mg/kg
94-38-SO-08-01	06DEC94	2.60	2.60	1.23		DET	mg/kg
94-38-SO-08-02	06DEC94	3.04	3.04	1.27		DET	mg/kg
94-38-SO-09-01	13DEC94	2.69	2.69	1.16		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Cobalt ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	1.24	1.24	1.23		DET	mg/kg
94-38-SO-03B-01	06DEC94	1.50	1.50	1.29		DET	mg/kg
94-38-SO-03B-02	06DEC94	2.20	2.20	1.22		DET	mg/kg
94-38-SO-08-01	06DEC94	1.03	1.03	1.23		DET	mg/kg
94-38-SO-08-02	06DEC94	1.07	1.07	1.27		DET	mg/kg
94-38-SO-09-01	13DEC94	1.34	1.34	1.16		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	2.36	2.36	2.46		DET	mg/kg
94-38-SO-03B-01	06DEC94	13.80	13.80	2.59		DET	mg/kg
94-38-SO-03B-02	06DEC94	7.88	7.88	2.44		DET	mg/kg
94-38-SO-08-01	06DEC94	2.26	2.26	2.46		DET	mg/kg
94-38-SO-08-02	06DEC94	1.90	1.90	2.55		DET	mg/kg
94-38-SO-09-01	13DEC94	1.51	1.51	2.32		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.352	0.352	1.23		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.529	0.529	1.29		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.628	0.628	1.22		DET	mg/kg

---------- RISK_GRP=38 Method=SW6010 Analyte=Silver ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-08-01	06DEC94	0.27400	0.27400	1.23		OET	mg/kg
94-38-SO-08-02	06DEC94	0.38000	0.38000	1.27		DET	mg/kg
94-38-SO-09-01	13DEC94	-0.00928	-0.00928	1.16		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	6.53	6.53	2.46		DET	mg/kg
94-38-SO-03B-01	06DEC94	9.12	9.12	2.59		DET	mg/kg
94-38-SO-03B-02	06DEC94	6.97	6.97	2.44		DET	mg/kg
94-38-SO-08-01	06DEC94	5.81	5.81	2.46		DET	mg/kg
94-38-SO-08-02	06DEC94	6.09	6.09	2.55		DET	mg/kg
94-38-SO-09-01	13DEC94	6.61	6.61	2.32		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	11.40	11.40	1.23		DET	mg/kg
94-38-SO-03B-01	06DEC94	114.00	114.00	2.59		DET	mg/kg
94-38-SO-03B-02	06DEC94	24.40	24.40	2.44		DET	mg/kg
94-38-SO-08-01	06DEC94	9.05	9.05	2.46		DET	mg/kg
94-38-SO-08-02	06DEC94	8.58	8.58	2.55		DET	mg/kg
94-38-SO-09-01	13DEC94	7.83	7.83	2.32		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.3200	0.3200	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.3490	0.3490	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.0208	0.0208	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	0.1960	0.1960	0.614		DET	mg/kg

---------- RISK_GRP=38 Method=SW7041 Analyte=Antimony ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-08-02	06DEC94	-1.01	-1.01	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	-1.04	-1.04	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.591	0.591	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	1.160	1.160	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	1.090	1.090	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	1.040	1.040	0.614		DET	mg/kg
94-38-SO-08-02	06DEC94	1.040	1.040	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	0.731	0.731	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	3.18	3.18	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	124.00	124.00	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	3.88	3.88	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	1.89	1.89	0.614		DET	mg/kg
94-38-SO-08-02	06DEC94	1.49	1.49	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	1.19	1.19	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.0000	0.0000	0.0246		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.0517	0.0517	0.0259		DET	mg/kg
94-38-SO-08-01	06DEC94	0.0000	0.0000	0.0246		DET	mg/kg
94-38-SO-08-02	06DEC94	0.0000	0.0000	0.0255		DET	mg/kg
94-38-SO-09-01	13DEC94	0.0000	0.0000	0.0232		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.3320	0.3320	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.1160	0.1160	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.0855	0.0855	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	-0.1960	-0.1960	0.614		DET	mg/kg
94-38-SO-08-02	06DEC94	0.5860	0.5860	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	-0.1970	-0.1970	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.1720	0.1720	0.616		DET	mg/kg
94-38-SO-03B-01	06DEC94	-0.0517	-0.0517	0.647		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.0855	0.0855	0.610		DET	mg/kg
94-38-SO-08-01	06DEC94	0.1720	0.1720	0.614		DET	mg/kg
94-38-SO-08-02	06DEC94	-0.1020	-0.1020	0.637		DET	mg/kg
94-38-SO-09-01	13DEC94	-0.0116	-0.0116	0.580		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0012140	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0039789	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0000384	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0003783	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0038270	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0004527	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0037574	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0049860	.00614	<	ND	mg/kg

---------- RISK_GRP=38 Method=SW8260 Analyte=1,2-Dichloroethane ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-08-02	06DEC94	.	.0061144	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0049078	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0019571	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0000588	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0058177	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0014090	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0032361	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0031641	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0037233	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0017235	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0052448	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0002124	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.05769	0.123	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	0.12795	0.129	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.00295	0.00295	0.123		DET	mg/kg
94-38-SO-08-02	06DEC94	.00331	0.00331	0.127		DET	mg/kg
94-38-SO-09-01	13DEC94	.	0.09741	0.116	<	ND	mg/kg

N = 5

--------- RISK_GRP=38 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0039245	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0000032	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0029469	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0062539	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0008633	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.1480	0.1480	0.123		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.0930	0.0930	0.129		DET	mg/kg
94-38-SO-03B-02	06DEC94	1.2700	1.2700	0.122		DET	mg/kg
94-38-SO-08-01	06DEC94	0.0851	0.0851	0.123		DET	mg/kg
94-38-SO-08-02	06DEC94	3.3100	3.3100	0.127		DET	mg/kg
94-38-SO-09-01	13DEC94	0.3060	0.3060	0.116		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0012818	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0058770	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0042099	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0052345	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0048683	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0025210	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0056764	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0054313	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0007675	.00637	<	ND	mg/kg

---------- RISK_GRP=38 Method=SW8260 Analyte=Carbon disulfide ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-09-01	13DEC94	.	.0033764	.0058	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0013428	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0053291	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0010185	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0045954	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0007511	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0008290	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0037975	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0045614	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0044643	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.00499	.0049900	.00580		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.0396	0.0396	0.0246		DET	mg/kg
94-38-SO-03B-01	06DEC94	0.0352	0.0352	0.0259		DET	mg/kg
94-38-SO-03B-02	06DEC94	0.0294	0.0294	0.0244		DET	mg/kg
94-38-SO-08-01	06DEC94	0.0352	0.0352	0.0246		DET	mg/kg
94-38-SO-08-02	06DEC94	0.0476	0.0476	0.0255		DET	mg/kg
94-38-SO-09-01	13DEC94	0.0210	0.0210	0.0232		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0004134	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0056699	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0007530	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0060783	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0054560	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.00209	.0020900	.00616		DET	mg/kg
94-38-SO-03B-01	06DEC94	.	.0031681	.00647	<	ND	mg/kg
94-38-SO-03B-02	06DEC94	.00769	.0076900	.00610		DET	mg/kg
94-38-SO-08-01	06DEC94	.00172	.0017200	.00614		DET	mg/kg
94-38-SO-08-02	06DEC94	.	.0047026	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0044242	.00580	<	ND	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0033542	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0016307	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0035888	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0036652	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.00592	.0059200	.00580		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0017643	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0020920	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0055176	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0055487	.00637	<	ND	mg/kg

---------- RISK_GRP=38 Method=SW8260 Analyte=Trichloroethene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-09-01	13DEC94	.	.0027955	.0058	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.015610	0.0616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	0.005253	0.0647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.061266	0.0614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.00892	0.008920	0.0637		DET	mg/kg
94-38-SO-09-01	13DEC94	.	0.016127	0.0232	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0021161	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.00181	.0018100	.00647		DET	mg/kg
94-38-SO-08-01	06DEC94	.	.0024198	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0058243	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0025265	.00580	<	ND	mg/kg

N = 5

--------- RISK_GRP=38 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	.0008013	.00616	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	.0005194	.00647	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	.0048628	.00614	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	.0037351	.00637	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	.0042686	.00580	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.08823	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.98356	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.12903	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.38456	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.33711	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.16700	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.95706	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.12654	0.405	<	ND	mg/kg
94-38-SO-0B-02	06DEC94	.	0.40560	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.26949	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.06553	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	0.68767	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.19891	0.405	<	ND	mg/kg
94-38-SO-0B-02	06DEC94	.	0.20172	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.34697	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.06968	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.30182	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.38890	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.39308	0.420	<	NO	mg/kg
94-38-SO-09-01	13DEC94	.	0.34168	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.05781	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.56914	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.03204	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.39887	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.13098	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.01699	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.21258	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.31310	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.15650	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.05626	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.3234	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	10.6000	10.6000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.0707	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.2933	0.420	<	ND	mg/kg
94-3B-SO-09-01	13DEC94	0.0574	0.0574	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.31234	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	2.04790	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.07196	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.38698	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.00938	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.40200	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.46194	2.130	<	ND	mg/kg
94-38-SO-03B-02	06DEC94	.	0.25617	0.403	<	ND	mg/kg
94-38-SO-08-01	06DEC94	0.073	0.07300	0.405		DET	mg/kg
94-38-SO-08-02	06DEC94	0.126	0.12600	0.420		DET	mg/kg
94-38-SO-09-01	13DEC94	0.636	0.63600	0.383		DET	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.21239	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	2.11968	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.06030	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.28761	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.15296	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.3146	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	10.2000	10.2000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.3151	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.3458	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.0612	0.0612	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.22700	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	1.39523	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.40481	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.35006	0.420	<	ND	mg/kg

---------- RISK_GRP=38 Method=SW8270 Analyte=Fluorene ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-09-01	13DEC94	.	0.11112	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.11997	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	0.53929	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.24025	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.28991	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.11591	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.17261	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	1.5	1.50000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.22815	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.01595	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.37578	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.33188	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	8.430	8.43000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.01666	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.31075	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.088	0.08800	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.18467	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	6.4900	6.49000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.27675	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.39328	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.0421	0.04210	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.12214	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	4.8500	4.85000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.30452	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.21257	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.0574	0.05740	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.37756	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	8.6900	8.69000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.05413	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.02361	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.0804	0.08040	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.35102	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	2.2	2.20000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.24809	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.31067	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.23518	0.383	<	ND	mg/kg

N = 5

-------- RISK_GRP=38 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.3349	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	14.5	14.5000	2.130		DET	mg/kg
94-38-SO-08-01	06DEC94	.	0.1837	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.2504	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	.	0.2729	0.383	<	ND	mg/kg

N = 5

---------- RISK_GRP=38 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	0.0772	0.07720	0.406		DET	mg/kg
94-38-SO-03B-01	06DEC94	.	0.54174	2.130	<	ND	mg/kg
94-38-SO-03B-02	06DEC94	0.1420	0.14200	0.403		DET	mg/kg
94-38-SO-08-01	06DEC94	0.0811	0.08110	0.405		DET	mg/kg
94-38-SO-08-02	06DEC94	0.1640	0.16400	0.420		DET	mg/kg
94-38-SO-09-01	13DEC94	.	0.06302	0.383	<	ND	mg/kg

N = 6

---------- RISK_GRP=38 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-38-SO-02B-01	06DEC94	.	0.22666	0.406	<	ND	mg/kg
94-38-SO-03B-01	06DEC94	.	2.00062	2.130	<	ND	mg/kg
94-38-SO-08-01	06DEC94	.	0.21331	0.405	<	ND	mg/kg
94-38-SO-08-02	06DEC94	.	0.39942	0.420	<	ND	mg/kg
94-38-SO-09-01	13DEC94	0.0651	0.06510	0.383		DET	mg/kg

N = 5

---------- RISK_GRP=4 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-04-SO-05-01	19OCT94	9.8	9.8	5		DET	mg/kg
94-04-SO-06-01	19OCT94	7.6	7.6	5		DET	mg/kg
94-04-SO-07-01	19OCT94	18.4	18.4	5		DET	mg/kg
94-04-SO-08-01	19OCT94	-1.0	-1.0	5		DET	mg/kg

N = 4

RISK_GRP=41 Method=E418.1 Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-01-02	01NOV94	81.6	81.6	33.9		DET	mg/kg
94-41-SO-03B-01	12DEC94	1200.0	1200.0	384.0		DET	mg/kg
94-41-SO-04B-01	12DEC94	516.0	516.0	161.0		DET	mg/kg
94-41-SO-04B-02	12DEC94	11.3	11.3	38.0		DET	mg/kg
94-41-SO-05-01	12DEC94	71.0	71.0	37.9		DET	mg/kg

N = 5

RISK_GRP=41 Method=E418.1M Analyte=TRPH

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-01-01	01NOV94	3300.0	3300.0	50		DET	mg/kg
94-41-SO-01-02	01NOV94	148.0	148.0	5		DET	mg/kg
94-41-SO-02-01	01NOV94	161.0	161.0	5		DET	mg/kg
94-41-SO-02-02	01NOV94	11.7	11.7	5		DET	mg/kg
94-41-SO-03-01	01NOV94	432.0	432.0	5		DET	mg/kg
94-41-SO-03-02	01NOV94	13.9	13.9	5		DET	mg/kg
94-41-SO-03B-02	12DEC94	87.6	87.6	5		DET	mg/kg
94-41-SO-04-01	01NOV94	4630.0	4630.0	50	>	DET	mg/kg
94-41-SO-04-02	01NOV94	332.0	332.0	5		DET	mg/kg
94-41-SO-04B-02	12DEC94	11.9	11.9	5		DET	mg/kg
94-41-SO-05-01	12DEC94	66.3	66.3	5		DET	mg/kg
94-41-SO-05-02	12DEC94	16.7	16.7	5		DET	mg/kg
94-41-SO-06-01	12DEC94	17.7	17.7	5		DET	mg/kg
94-41-SO-06-02	12DEC94	23.6	23.6	5		DET	mg/kg
94-41-SO-07-01	12DEC94	10.9	10.9	5		DET	mg/kg
94-41-SO-07-02	12DEC94	6.9	6.9	5		DET	mg/kg

N = 16

RISK_GRP=41 Method=SW6010 Analyte=Barium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	16.9	16.9	1.28		DET	mg/kg
94-41-SO-04B-01	12DEC94	17.6	17.6	1.34		DET	mg/kg
94-41-SO-04B-02	12DEC94	56.7	56.7	1.26		DET	mg/kg
94-41-SO-05-01	12DEC94	27.0	27.0	1.26		DET	mg/kg

N = 4

RISK_GRP=41 Method=SW6010 Analyte=Beryllium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.0282	0.0282	0.256		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.0242	0.0242	0.269		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.2480	0.2480	0.253		DET	mg/kg
94-41-SO-05-01	12DEC94	0.0707	0.0707	0.252		DET	mg/kg

N = 4

RISK_GRP=41 Method=SW6010 Analyte=Cadmium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.0730	0.0730	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.2020	0.2020	0.672		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.0139	0.0139	0.633		DET	mg/kg
94-41-SO-05-01	12DEC94	0.0707	0.0707	0.631		DET	mg/kg

N = 4

RISK_GRP=41 Method=SW6010 Analyte=Chromium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	1.92000	1.92000	1.28		DET	mg/kg
94-41-SO-04B-01	12DEC94	1.90000	1.90000	1.34		DET	mg/kg
94-41-SO-04B-02	12DEC94	4.75000	4.75000	1.26		DET	mg/kg
94-41-SO-05-01	12DEC94	0.00126	0.00126	1.26		DET	mg/kg

N = 4

RISK_GRP=41 Method=SW6010 Analyte=Cobalt

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.339	0.339	1.28		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.429	0.429	1.34		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.990	0.990	1.26		DET	mg/kg
94-41-SO-05-01	12DEC94	0.793	0.793	1.26		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW6010 Analyte=Copper ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	1.69	1.69	2.56		DET	mg/kg
94-41-SO-04B-01	12DEC94	1.92	1.92	2.69		DET	mg/kg
94-41-SO-04B-02	12DEC94	2.14	2.14	2.53		DET	mg/kg
94-41-SO-05-01	12DEC94	2.70	2.70	2.52		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW6010 Analyte=Silver ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.0397	0.0397	1.28		DET	mg/kg
94-41-SO-04B-01	12DEC94	-0.0296	-0.0296	1.34		DET	mg/kg
94-41-SO-05-01	12DEC94	-0.0189	-0.0189	1.26		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW6010 Analyte=Vanadium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	3.79	3.79	2.56		DET	mg/kg
94-41-SO-04B-01	12DEC94	4.34	4.34	2.69		DET	mg/kg
94-41-SO-04B-02	12DEC94	7.06	7.06	2.53		DET	mg/kg
94-41-SO-05-01	12DEC94	4.75	4.75	2.52		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW6010 Analyte=Zinc ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	5.68	5.68	2.56		DET	mg/kg
94-41-SO-04B-01	12DEC94	7.43	7.43	2.69		DET	mg/kg
94-41-SO-04B-02	12DEC94	11.20	11.20	2.53		DET	mg/kg
94-41-SO-05-01	12DEC94	10.10	10.10	2.52		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	-0.102	-0.102	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	-0.685	-0.685	0.672		DET	mg/kg
94-41-SO-05-01	12DEC94	-0.278	-0.278	0.631		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.602	0.602	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.659	0.659	0.672		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.266	0.266	0.633		DET	mg/kg
94-41-SO-05-01	12DEC94	0.922	0.922	0.631		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	1.19	1.19	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	1.69	1.69	0.672		DET	mg/kg
94-41-SO-04B-02	12DEC94	2.78	2.78	0.633		DET	mg/kg
94-41-SO-05-01	12DEC94	3.38	3.38	0.631		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0	0	0.0256		DET	mg/kg
94-41-SO-04B-01	12DEC94	0	0	0.0269		DET	mg/kg
94-41-SO-05-01	12DEC94	0	0	0.0252		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	-0.3580	-0.3580	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.0941	0.0941	0.672		DET	mg/kg
94-41-SO-05-01	12DEC94	-0.1010	-0.1010	0.631		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.1150	0.1150	0.640		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.0538	0.0538	0.672		DET	mg/kg
94-41-SO-05-01	12DEC94	-0.0505	-0.0505	0.631		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0049039	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0064826	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0026009	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0004269	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0000619	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0062936	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0003288	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0000406	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0036562	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0006575	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0048411	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0045395	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.011770	0.128	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.00296	0.002960	0.134		DET	mg/kg
94-41-SO-05-01	12DEC94	.	0.072156	0.126	<	ND	mg/kg

N = 3

--------- RISK_GRP=41 Method=SW8260 Analyte=2-Chloroethylvinyl ether ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0057071	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0050280	.00672	<	ND	mg/kg
94-41-SD-05-01	12DEC94	.	.0021569	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.074	0.074	0.128		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.290	0.290	0.134		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.239	0.239	0.126		DET	mg/kg
94-41-SO-05-01	12DEC94	0.049	0.049	0.126		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0058088	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0047230	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0034047	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0027700	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0022131	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0010018	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0035332	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0035040	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0014316	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0060051	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.00968	.0096800	.00672		DET	mg/kg
94-41-SO-05-01	12DEC94	.	.0059566	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.0388	0.0388	0.0256		DET	mg/kg
94-41-SO-04B-01	12DEC94	0.0214	0.0214	0.0269		DET	mg/kg
94-41-SO-04B-02	12DEC94	0.0239	0.0239	0.0253		DET	mg/kg
94-41-SO-05-01	12DEC94	0.0140	0.0140	0.0252		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0036026	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0060036	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0022734	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0023928	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.00833	.0083300	.00672		DET	mg/kg
94-41-SO-05-01	12DEC94	.00543	.0054300	.00631		DET	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.005944	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	0.0168	0.016800	.00672		DET	mg/kg
94-41-SO-05-01	12DEC94	.	0.003703	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0001840	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0005504	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0051499	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.047367	0.0640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.015544	0.0269	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.046849	0.0631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0035167	.00640	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	.0045059	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0035473	.00631	<	ND	mg/kg

N = 3

--------- RISK_GRP=41 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	.0048560	.00640	<	ND	mg/kg
94-41-SD-04B-01	12DEC94	.	.0052171	.00672	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	.0057959	.00631	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.37990	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.33927	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.24893	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.13985	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.01496	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.29658	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.07318	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.43320	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.29487	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.16396	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.25317	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.30470	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.30372	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.06172	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.36856	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.31331	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	0.0488	0.04880	0.444		DET	mg/kg
94-41-SO-05-01	12DEC94	.	0.32947	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.25607	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.40031	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.41036	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.10557	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.28390	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.23962	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.09126	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.44295	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.18650	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.23288	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.16126	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.41445	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.18786	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.29283	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.24991	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.15253	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.21326	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.30517	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.41069	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.32241	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.04474	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.09346	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.27833	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.02480	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.11338	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.36752	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.03369	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.060074	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.044807	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.021315	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.07384	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.39141	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.31658	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.04968	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.36569	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.12072	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.02825	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.12200	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.05124	0.417	<	ND	mg/kg

N = 3

-------- RISK_GRP=41 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	0.0845	0.08450	0.422		DET	mg/kg
94-41-SO-04B-01	12DEC94	.	0.03859	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.34331	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=41 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	3.84	3.84	0.422		DET	mg/kg
94-41-SO-04B-01	12DEC94	1.34	1.34	0.444		DET	mg/kg
94-41-SO-04B-02	12DEC94	1.91	1.91	0.418		DET	mg/kg
94-41-SO-05-01	12DEC94	1.67	1.67	0.417		DET	mg/kg

N = 4

---------- RISK_GRP=41 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-41-SO-03B-01	12DEC94	.	0.08756	0.422	<	ND	mg/kg
94-41-SO-04B-01	12DEC94	.	0.26709	0.444	<	ND	mg/kg
94-41-SO-05-01	12DEC94	.	0.37753	0.417	<	ND	mg/kg

N = 3

---------- RISK_GRP=7 Method=E418.1 Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-01-02	20OCT94	16800.00	16800.00	3060.0		DET	mg/kg
94-07-SO-02-02	20OCT94	29.60	29.60	37.2		DET	mg/kg
94-07-SO-04B-01	01DEC94	88.70	88.70	71.1		DET	mg/kg
94-07-SO-04B-02	01DEC94	5960.00	5960.00	2020.0		DET	mg/kg
94-07-SO-05-01	20OCT94	3550.00	3550.00	761.0		DET	mg/kg
94-07-SO-05B-01	01DEC94	29.50	29.50	39.5		DET	mg/kg
94-07-SO-07-02	01DEC94	2.84	2.84	36.4		DET	mg/kg
94-07-SO-10-01	05DEC94	16.30	16.30	40.0		DET	mg/kg

N = 8

---------- RISK_GRP=7 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-01-01	20OCT94	2.0	2.0	5		DET	mg/kg
94-07-SO-01-02	20OCT94	15600.0	15600.0	500		DET	mg/kg
94-07-SO-02-01	20OCT94	39.8	39.8	5		DET	mg/kg
94-07-SO-02-02	20OCT94	28.6	28.6	5		DET	mg/kg
94-07-SO-03-01	20OCT94	4.9	4.9	5		DET	mg/kg
94-07-SO-03-02	20OCT94	24.3	24.3	5		DET	mg/kg
94-07-SO-04-01	20OCT94	124.0	124.0	5		DET	mg/kg
94-07-SO-04-02	20OCT94	11400.0	11400.0	125		DET	mg/kg
94-07-SO-04B-02	01DEC94	7620.0	7620.0	125		DET	mg/kg
94-07-SO-05-01	20OCT94	4000.0	4000.0	50		DET	mg/kg
94-07-SO-05B-01	01DEC94	22.9	22.9	5		DET	mg/kg
94-07-SO-05B-02	01DEC94	4.0	4.0	5		DET	mg/kg
94-07-SO-06-01	30NOV94	7.8	7.8	5		DET	mg/kg
94-07-SO-06-02	30NOV94	5.0	5.0	5		DET	mg/kg
94-07-SO-07-01	01DEC94	6.9	6.9	5		DET	mg/kg
94-07-SO-07-02	01DEC94	7.0	7.0	5		DET	mg/kg
94-07-SO-08-01	01DEC94	267.0	267.0	5		DET	mg/kg
94-07-SO-08-02	01DEC94	6.0	6.0	5		DET	mg/kg
94-07-SO-09-01	30NOV94	3.0	3.0	5		DET	mg/kg
94-07-SO-10-01	05DEC94	4.7	4.7	5		DET	mg/kg
94-07-SO-10-02	05DEC94	4.9	4.9	5		DET	mg/kg
94-07-SO-11-01	05DEC94	10.8	10.8	5		DET	mg/kg
94-07-SO-11-02	05DEC94	0.0	0.0	5		DET	mg/kg

N = 23

---------- RISK_GRP=7 Method=SW6010 Analyte=Barium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	27.500	27.500	1.18		DET	mg/kg
94-07-SO-04B-02	01DEC94	17.400	17.400	1.34		DET	mg/kg
94-07-SO-05B-01	01DEC94	14.500	14.500	1.32		DET	mg/kg
94-07-SO-07-02	01DEC94	42.200	42.200	1.22		DET	mg/kg
94-07-SO-10-01	05DEC94	0.971	0.971	1.33		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW6010 Analyte=Beryllium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.107	0.107	0.237		DET	mg/kg

RISK_GRP=7 Method=SW6010 Analyte=Beryllium (continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-02	01DEC94	0.07810	0.07810	0.269		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.02640	0.02640	0.264		DET	mg/kg
94-07-SO-07-02	01DEC94	0.25900	0.25900	0.243		DET	mg/kg
94-07-SO-10-01	05DEC94	0.00133	0.00133	0.267		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Cadmium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.04620	0.04620	0.592		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.01080	0.01080	0.673		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.01710	0.01710	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	0.04130	0.04130	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	0.00133	0.00133	0.667		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Chromium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	2.050	2.050	1.18		DET	mg/kg
94-07-SO-04B-02	01DEC94	2.150	2.150	1.34		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.935	0.935	1.32		DET	mg/kg
94-07-SO-07-02	01DEC94	2.950	2.950	1.22		DET	mg/kg
94-07-SO-10-01	05DEC94	0.317	0.317	1.33		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Cobalt

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.8300	0.8300	1.18		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.3360	0.3360	1.34		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.4580	0.4580	1.32		DET	mg/kg
94-07-SO-07-02	01DEC94	1.3100	1.3100	1.22		DET	mg/kg
94-07-SO-10-01	05DEC94	0.0333	0.0333	1.33		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Copper

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	1.780	1.780	2.37		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.590	0.590	2.69		DET	mg/kg
94-07-SO-05B-01	01DEC94	1.250	1.250	2.64		DET	mg/kg
94-07-SO-07-02	01DEC94	1.470	1.470	2.43		DET	mg/kg
94-07-SO-10-01	05DEC94	0.008	0.008	2.67		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Silver

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.0723	0.0723	1.18		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.0942	0.0942	1.34		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.0264	0.0264	1.32		DET	mg/kg
94-07-SO-07-02	01DEC94	0.0243	0.0243	1.22		DET	mg/kg
94-07-SO-10-01	05DEC94	0.0667	0.0667	1.33		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Vanadium

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	5.520	5.520	2.37		DET	mg/kg
94-07-SO-04B-02	01DEC94	4.350	4.350	2.69		DET	mg/kg
94-07-SO-05B-01	01DEC94	3.410	3.410	2.64		DET	mg/kg
94-07-SO-07-02	01DEC94	9.120	9.120	2.43		DET	mg/kg
94-07-SO-10-01	05DEC94	0.717	0.717	2.67		DET	mg/kg

N = 5

RISK_GRP=7 Method=SW6010 Analyte=Zinc

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	9.140	9.140	2.37		DET	mg/kg
94-07-SO-04B-02	01DEC94	3.820	3.820	2.69		DET	mg/kg
94-07-SO-05B-01	01DEC94	2.690	2.690	2.64		DET	mg/kg
94-07-SO-07-02	01DEC94	10.200	10.200	2.43		DET	mg/kg
94-07-SO-10-01	05DEC94	0.489	0.489	2.67		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW7041 Analyte=Antimony ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	-0.213	-0.213	0.592		DET	mg/kg
94-07-SO-05B-01	01DEC94	-0.290	-0.290	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	0.814	0.814	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	-1.010	-1.010	0.667		DET	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW7060 Analyte=Arsenic ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.818	0.818	0.592		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.565	0.565	0.673		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.659	0.659	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	1.230	1.230	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	0.613	0.613	0.667		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW7421 Analyte=Lead ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.9360	0.9360	0.592		DET	mg/kg
94-07-SO-04B-02	01DEC94	-0.0390	-0.0390	0.673		DET	mg/kg
94-07-SO-05B-01	01DEC94	-0.0501	-0.0501	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	1.5900	1.5900	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	1.6000	1.6000	0.667		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW7471 Analyte=Mercury ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.00592	.00592	0.0237		DET	mg/kg
94-07-SO-05B-01	01DEC94	.00000	.00000	0.0264		DET	mg/kg
94-07-SO-07-02	01DEC94	.00000	.00000	0.0243		DET	mg/kg
94-07-SO-10-01	05DEC94	.00000	.00000	0.0267		DET	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW7740 Analyte=Selenium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	-0.367	-0.367	0.592		DET	mg/kg
94-07-SO-05B-01	01DEC94	-0.514	-0.514	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	0.498	0.498	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	-0.187	-0.187	0.667		DET	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW7841 Analyte=Thallium ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.2010	0.2010	0.592		DET	mg/kg
94-07-SO-05B-01	01DEC94	-0.0132	-0.0132	0.659		DET	mg/kg
94-07-SO-07-02	01DEC94	0.1940	0.1940	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	0.0000	0.0000	0.667		DET	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.00284	.0028400	.00592		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	.0024906	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0036347	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0038112	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=1,2-Dichloroethane ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0053158	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0024022	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0049467	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0060837	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=1,3-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.00225	.0022500	.00592		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	.0064092	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0011348	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0008866	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.00272	.0027200	.00592		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	.0000141	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0012866	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0001135	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=2-Butanone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.0259	0.025900	0.118		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.0192	0.019200	0.132		DET	mg/kg
94-07-SO-07-02	01DEC94	.	0.075487	0.122	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.023223	0.133	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=2-Chloroethylvinyl ether ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0056704	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0047445	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0049123	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0033617	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Acetone ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.4830	0.4830	0.237		DET	mg/kg
94-07-SO-04B-02	01DEC94	36.9000	36.9000	84.100		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.5810	0.5810	0.132		DET	mg/kg
94-07-SO-07-02	01DEC94	1.2200	1.2200	0.608		DET	mg/kg
94-07-SO-10-01	05DEC94	0.0227	0.0227	0.133		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW8260 Analyte=Benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0051004	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0000700	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0025917	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0048012	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Carbon disulfide ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0056800	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0020940	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0020227	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0060406	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Chlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0024650	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0042295	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0008880	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0045386	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Ethyl benzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0013682	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0020405	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0028306	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0060970	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Methylene chloride ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.01270	0.0127	0.0237		DET	mg/kg
94-07-SO-04B-02	01DEC94	.	11.8079	16.8000	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	0.01160	0.0116	0.0264		DET	mg/kg
94-07-SO-07-02	01DEC94	0.00984	0.0098	0.0243		DET	mg/kg
94-07-SO-10-01	05DEC94	0.01710	0.0171	0.0267		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW8260 Analyte=Tetrachloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0010877	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0038930	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0016837	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0041012	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Toluene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.00699	0.00699	0.00592		DET	mg/kg
94-07-SO-04B-02	01DEC94	3.77000	3.77000	4.20000		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.00988	0.00988	0.00659		DET	mg/kg
94-07-SO-07-02	01DEC94	0.00279	0.00279	0.00608		DET	mg/kg
94-07-SO-10-01	05DEC94	0.00627	0.00627	0.00667		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW8260 Analyte=Total xylenes ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0047417	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.00329	.0032900	.00659		DET	mg/kg
94-07-SO-07-02	01DEC94	.	.0011914	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0064677	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Trichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0053453	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0042895	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0004347	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0023769	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=Vinyl acetate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.037895	0.0592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	0.0217	0.021700	0.0659		DET	mg/kg
94-07-SO-07-02	01DEC94	.	0.030007	0.0608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.055081	0.0667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=cis 1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0019871	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0022549	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0054878	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0033498	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8260 Analyte=trans-1,2-Dichloroethene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	.0008478	.00592	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	.0047572	.00659	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	.0047957	.00608	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	.0064706	.00667	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=1,2-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.05650	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.36153	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.31700	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.19253	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=1,4-Dichlorobenzene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.11136	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.09135	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.21770	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.30524	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=2-Methylnaphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.17684	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.27033	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.24063	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.02883	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=2-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.34637	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.23399	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.19508	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.26869	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=4-Methylphenol ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.28621	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.10134	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.01236	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.16477	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Butylbenzylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.31870	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.36498	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.33856	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.21808	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Chrysene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.24578	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.32584	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.17596	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.16828	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Dibenzofuran ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.27748	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.07961	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.09140	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.11944	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Diethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.26810	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.08918	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.11546	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.05847	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Dimethylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.31017	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.40287	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.14905	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.13191	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.121	0.12100	0.391		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	0.27556	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.12041	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.10691	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Fluorene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.05148	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.38132	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.04549	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.19163	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Naphthalene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.18624	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.34231	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.31658	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.26941	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Phenanthrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.0743	0.07430	0.391		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	0.18764	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.19684	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.12141	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=Pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.126	0.12600	0.391		DET	mg/kg
94-07-SO-05B-01	01DEC94	.	0.33702	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.09467	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.30292	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=benzo(a)anthracene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.11377	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.17322	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.08793	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.19674	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=benzo(a)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.05293	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.24472	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.08486	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.01540	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=benzo(b)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.15457	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.28963	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.30867	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.15760	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=benzo(k)fluoranthene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.02158	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.42681	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.04944	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.17293	0.330	<	ND	mg/kg

N = 4

--------- RISK_GRP=7 Method=SW8270 Analyte=bis(2-Ethylhexyl)phthalate ---------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.35212	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.18744	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.08182	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.32688	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=7 Method=SW8270 Analyte=di-n-Butylphthalate ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	0.0977	0.09770	0.391		DET	mg/kg
94-07-SO-04B-02	01DEC94	0.4000	0.40000	0.444		DET	mg/kg
94-07-SO-05B-01	01DEC94	0.1170	0.11700	0.435		DET	mg/kg
94-07-SO-07-02	01DEC94	.	0.27825	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	0.3070	0.30700	0.330		DET	mg/kg

N = 5

---------- RISK_GRP=7 Method=SW8270 Analyte=indeno(1,2,3-cd)pyrene ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-07-SO-04B-01	01DEC94	.	0.16209	0.391	<	ND	mg/kg
94-07-SO-05B-01	01DEC94	.	0.08972	0.435	<	ND	mg/kg
94-07-SO-07-02	01DEC94	.	0.28877	0.401	<	ND	mg/kg
94-07-SO-10-01	05DEC94	.	0.16791	0.330	<	ND	mg/kg

N = 4

---------- RISK_GRP=9 Method=E418.1M Analyte=TRPH ----------

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-09-SO-01-01	21OCT94	32.1	32.1	5		DET	mg/kg
94-09-SO-01-02	21OCT94	0.0	0.0	5		DET	mg/kg
94-09-SO-02-01	21OCT94	72.8	72.8	5		DET	mg/kg
94-09-SO-02-02	21OCT94	1.8	1.8	5		DET	mg/kg
94-09-SO-03-01	21OCT94	8.5	8.5	5		DET	mg/kg
94-09-SO-03-02	21OCT94	0.0	0.0	5		DET	mg/kg
94-09-SO-04-01	21OCT94	22.3	22.3	5		DET	mg/kg

---------- RISK_GRP=9 Method=E418.1M Analyte=TRPH ----------
(continued)

Labid	Log Date	Result	Est. Conc.	RL	Result Flag	Flag	Units
94-09-SO-04-02	21OCT94	2.9	2.9	5		DET	mg/kg
94-09-SO-05-01	21OCT94	39.8	39.8	5		DET	mg/kg
94-09-SO-05-02	21OCT94	15.5	15.5	5		DET	mg/kg

N = 10

Attachment B.4

Raw Data for Risk-Based Screen and Risk Assessment for SWMU 231

---------- Method=Inorganics Analyte=Aluminum ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	670	670	DET	20.0	mg/kg	
Holloman 4 Sites	SW6010	S	1600	1600	DET	18.0	mg/kg	
Holloman 4 Sites	SW6010	S	2600	2600	DET	17.0	mg/kg	
SWMU 231	SW6010	S	3730	3730	DET	24.6	mg/kg	
SWMU 231	SW6010	S	5340	5340	DET	25.0	mg/kg	
SWMU 231	SW6010	S	954	954	DET	27.2	mg/kg	
SWMU 231	SW6010	S	7620	7620	DET	24.3	mg/kg	
SWMU 231	SW6010	S	4600	4600	DET	24.8	mg/kg	
SWMU 231	SW6010	S	1450	1450	DET	27.6	mg/kg	
SWMU 231	SW6010	S	5140	5140	DET	24.6	mg/kg	
SWMU 231	SW6010	S	2550	2550	DET	24.5	mg/kg	
SWMU 231	SW6010	S	2330	2330	DET	25.7	mg/kg	
SWMU 231	SW6010	S	6710	6710	DET	24.6	mg/kg	
SWMU 231	SW6010	S	7480	7480	DET	23.9	mg/kg	
SWMU 231	SW6010	S	2950	2950	DET	26.5	mg/kg	
SWMU 231	SW6010	S	11200	11200	DET	11.5	mg/kg	
SWMU 231	SW6010	S	2920	2920	DET	25.1	mg/kg	
SWMU 231	SW6010	S	1190	1190	DET	28.6	mg/kg	
SWMU 231	SW6010	S	11600	11600	DET	23.5	mg/kg	
SWMU 231	SW6010	S	9540	9540	DET	23.0	mg/kg	
SWMU 231	SW6010	S	4810	4810	DET	24.9	mg/kg	
SWMU 231	SW6010	S	7370	7370	DET	24.1	mg/kg	
SWMU 231	SW6010	S	6270	6270	DET	24.3	mg/kg	
SWMU 231	SW6010	S	4950	4950	DET	26.9	mg/kg	
SWMU 231	SW6010	S	6790	6790	DET	22.6	mg/kg	
SWMU 231	SW6010	S	4580	4580	DET	24.4	mg/kg	
SWMU 231	SW6010	S	1610	1610	DET	27.7	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Arsenic ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7060	S	-0.0087	-0.0087	DET	0.41	mg/kg	@
Holloman 4 Sites	SW7060	S	0.5900	0.5900	DET	0.37	mg/kg	@
Holloman 4 Sites	SW7060	S	1.3000	1.3000	DET	0.36	mg/kg	@
SWMU 231	SW7060	S	0.5400	0.5400	DET	0.62	mg/kg	J
SWMU 231	SW7060	S	0.5600	0.5600	DET	0.62	mg/kg	J
SWMU 231	SW7060	S	0.2600	0.2600	DET	0.68	mg/kg	J
SWMU 231	SW7060	S	2.5000	2.5000	DET	0.61	mg/kg	
SWMU 231	SW7060	S	0.7400	0.7400	DET	0.62	mg/kg	
SWMU 231	SW7060	S	0.5200	0.5200	DET	0.69	mg/kg	J
SWMU 231	SW7060	S	1.2000	1.2000	DET	0.62	mg/kg	

---------- Method=Inorganics Analyte=Arsenic ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7060	S	0.66	0.66	DET	0.61	mg/kg	
SWMU 231	SW7060	S	1.20	1.20	DET	0.64	mg/kg	
SWMU 231	SW7060	S	1.40	1.40	DET	0.61	mg/kg	
SWMU 231	SW7060	S	1.50	1.50	DET	0.60	mg/kg	
SWMU 231	SW7060	S	0.42	0.42	DET	0.66	mg/kg	J
SWMU 231	SW7060	S	1.70	1.70	DET	1.10	mg/kg	
SWMU 231	SW7060	S	0.53	0.53	DET	0.63	mg/kg	J
SWMU 231	SW7060	S	0.19	0.19	DET	0.72	mg/kg	J
SWMU 231	SW7060	S	2.60	2.60	DET	1.20	mg/kg	
SWMU 231	SW7060	S	1.90	1.90	DET	0.58	mg/kg	
SWMU 231	SW7060	S	1.30	1.30	DET	0.62	mg/kg	
SWMU 231	SW7060	S	1.70	1.70	DET	0.60	mg/kg	
SWMU 231	SW7060	S	1.40	1.40	DET	0.61	mg/kg	
SWMU 231	SW7060	S	0.44	0.44	DET	0.67	mg/kg	J
SWMU 231	SW7060	S	1.40	1.40	DET	0.56	mg/kg	
SWMU 231	SW7060	S	0.63	0.63	DET	0.61	mg/kg	
SWMU 231	SW7060	S	0.21	0.21	DET	0.69	mg/kg	J

N = 27

---------- Method=Inorganics Analyte=Barium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	34.0	34.0	DET	0.98	mg/kg	
Holloman 4 Sites	SW6010	S	26.0	26.0	DET	0.90	mg/kg	
Holloman 4 Sites	SW6010	S	31.0	31.0	DET	0.87	mg/kg	
SWMU 231	SW6010	S	45.2	45.2	DET	2.50	mg/kg	
SWMU 231	SW6010	S	59.1	59.1	DET	2.50	mg/kg	
SWMU 231	SW6010	S	19.3	19.3	DET	2.70	mg/kg	
SWMU 231	SW6010	S	71.3	71.3	DET	2.40	mg/kg	
SWMU 231	SW6010	S	31.3	31.3	DET	2.50	mg/kg	
SWMU 231	SW6010	S	27.5	27.5	DET	2.80	mg/kg	
SWMU 231	SW6010	S	54.7	54.7	DET	2.50	mg/kg	
SWMU 231	SW6010	S	34.3	34.3	DET	2.40	mg/kg	
SWMU 231	SW6010	S	71.5	71.5	DET	2.60	mg/kg	
SWMU 231	SW6010	S	68.4	68.4	DET	2.50	mg/kg	
SWMU 231	SW6010	S	63.1	63.1	DET	2.40	mg/kg	
SWMU 231	SW6010	S	35.6	35.6	DET	2.70	mg/kg	
SWMU 231	SW6010	S	98.4	98.4	DET	1.10	mg/kg	
SWMU 231	SW6010	S	32.4	32.4	DET	2.50	mg/kg	
SWMU 231	SW6010	S	28.1	28.1	DET	2.90	mg/kg	
SWMU 231	SW6010	S	106.0	106.0	DET	2.30	mg/kg	

---------- Method=Inorganics Analyte=Barium ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	69.2	69.2	DET	2.3	mg/kg	
SWMU 231	SW6010	S	58.9	58.9	DET	2.5	mg/kg	
SWMU 231	SW6010	S	60.5	60.5	DET	2.4	mg/kg	
SWMU 231	SW6010	S	55.9	55.9	DET	2.4	mg/kg	
SWMU 231	SW6010	S	61.3	61.3	DET	2.7	mg/kg	
SWMU 231	SW6010	S	60.3	60.3	DET	2.3	mg/kg	
SWMU 231	SW6010	S	38.5	38.5	DET	2.4	mg/kg	
SWMU 231	SW6010	S	25.8	25.8	DET	2.8	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Beryllium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	0.10	0.10000	DET	0.20	mg/kg	@
Holloman 4 Sites	SW6010	S	0.11	0.11000	DET	0.18	mg/kg	@
Holloman 4 Sites	SW6010	S	0.24	0.24000	DET	0.17	mg/kg	@
SWMU 231	SW6010	S	0.30	0.30000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.38	0.38000	DET	0.50	mg/kg	J
SWMU 231	SW6010	S	.	0.21482	ND	0.54	mg/kg	
SWMU 231	SW6010	S	0.29	0.29000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.30	0.30000	DET	0.50	mg/kg	J
SWMU 231	SW6010	S	.	0.27215	ND	0.55	mg/kg	
SWMU 231	SW6010	S	0.45	0.45000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.30	0.30000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	.	0.18664	ND	0.51	mg/kg	
SWMU 231	SW6010	S	0.44	0.44000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.57	0.57000	DET	0.48	mg/kg	
SWMU 231	SW6010	S	0.32	0.32000	DET	0.53	mg/kg	J
SWMU 231	SW6010	S	0.62	0.62000	DET	0.23	mg/kg	
SWMU 231	SW6010	S	0.30	0.30000	DET	0.50	mg/kg	J
SWMU 231	SW6010	S	.	0.02628	ND	0.57	mg/kg	
SWMU 231	SW6010	S	0.57	0.57000	DET	0.47	mg/kg	
SWMU 231	SW6010	S	0.56	0.56000	DET	0.46	mg/kg	
SWMU 231	SW6010	S	.	0.11436	ND	0.50	mg/kg	
SWMU 231	SW6010	S	0.28	0.28000	DET	0.48	mg/kg	J
SWMU 231	SW6010	S	0.29	0.29000	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	.	0.19572	ND	0.54	mg/kg	
SWMU 231	SW6010	S	0.39	0.39000	DET	0.45	mg/kg	J
SWMU 231	SW6010	S	.	0.16688	ND	0.49	mg/kg	
SWMU 231	SW6010	S	.	0.08846	ND	0.55	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Cadmium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	-0.170	-0.17000	DET	0.49	mg/kg	@
Holloman 4 Sites	SW6010	S	0.022	0.02200	DET	0.45	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.250	-0.25000	DET	0.44	mg/kg	@
SWMU 231	SW6010	S	.	1.09747	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.35698	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.12049	ND	1.40	mg/kg	
SWMU 231	SW6010	S	.	1.13409	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.94818	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.69997	ND	1.40	mg/kg	
SWMU 231	SW6010	S	.	0.47249	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.70775	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.28093	ND	1.30	mg/kg	
SWMU 231	SW6010	S	.	0.66678	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.96302	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.03950	ND	1.30	mg/kg	
SWMU 231	SW6010	S	.	0.06980	ND	0.57	mg/kg	
SWMU 231	SW6010	S	.	0.64213	ND	1.30	mg/kg	
SWMU 231	SW6010	S	.	0.47104	ND	1.40	mg/kg	
SWMU 231	SW6010	S	.	0.97945	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.15345	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.09723	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.86169	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.05288	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.29725	ND	1.30	mg/kg	
SWMU 231	SW6010	S	.	0.20989	ND	1.10	mg/kg	
SWMU 231	SW6010	S	.	0.36476	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.21750	ND	1.40	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Calcium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	240000	240000	DET	390.0	mg/kg	
Holloman 4 Sites	SW6010	S	210000	210000	DET	360.0	mg/kg	
Holloman 4 Sites	SW6010	S	120000	120000	DET	350.0	mg/kg	
SWMU 231	SW6010	S	219000	219000	DET	49.3	mg/kg	
SWMU 231	SW6010	S	242000	242000	DET	49.9	mg/kg	
SWMU 231	SW6010	S	223000	223000	DET	54.4	mg/kg	
SWMU 231	SW6010	S	163000	163000	DET	48.5	mg/kg	
SWMU 231	SW6010	S	209000	209000	DET	49.5	mg/kg	
SWMU 231	SW6010	S	230000	230000	DET	55.1	mg/kg	
SWMU 231	SW6010	S	193000	193000	DET	49.3	mg/kg	

---------- Method=Inorganics Analyte=Calcium ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	224000	224000	DET	49.0	mg/kg	
SWMU 231	SW6010	S	221000	221000	DET	51.3	mg/kg	
SWMU 231	SW6010	S	175000	175000	DET	49.2	mg/kg	
SWMU 231	SW6010	S	180000	180000	DET	47.8	mg/kg	
SWMU 231	SW6010	S	205000	205000	DET	53.0	mg/kg	
SWMU 231	SW6010	S	101000	101000	DET	23.0	mg/kg	
SWMU 231	SW6010	S	222000	222000	DET	50.3	mg/kg	
SWMU 231	SW6010	S	243000	243000	DET	57.2	mg/kg	
SWMU 231	SW6010	S	156000	156000	DET	47.0	mg/kg	
SWMU 231	SW6010	S	170000	170000	DET	46.1	mg/kg	
SWMU 231	SW6010	S	157000	157000	DET	49.7	mg/kg	
SWMU 231	SW6010	S	189000	189000	DET	48.2	mg/kg	
SWMU 231	SW6010	S	186000	186000	DET	48.6	mg/kg	
SWMU 231	SW6010	S	219000	219000	DET	53.8	mg/kg	
SWMU 231	SW6010	S	171000	171000	DET	45.1	mg/kg	
SWMU 231	SW6010	S	231000	231000	DET	48.8	mg/kg	
SWMU 231	SW6010	S	244000	244000	DET	55.4	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Chromium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	1.4	1.4000	DET	0.98	mg/kg	@
Holloman 4 Sites	SW6010	S	1.6	1.6000	DET	0.90	mg/kg	@
Holloman 4 Sites	SW6010	S	2.9	2.9000	DET	0.87	mg/kg	@
SWMU 231	SW6010	S	3.9	3.9000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	4.9	4.9000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	.	1.1851	ND	2.70	mg/kg	
SWMU 231	SW6010	S	11.3	11.3000	DET	2.40	mg/kg	
SWMU 231	SW6010	S	4.1	4.1000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	.	0.1459	ND	2.80	mg/kg	
SWMU 231	SW6010	S	3.8	3.8000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	1.7	1.7000	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	1.7	1.7000	DET	2.60	mg/kg	J
SWMU 231	SW6010	S	4.9	4.9000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	6.0	6.0000	DET	2.40	mg/kg	
SWMU 231	SW6010	S	3.5	3.5000	DET	2.70	mg/kg	
SWMU 231	SW6010	S	9.6	9.6000	DET	1.10	mg/kg	
SWMU 231	SW6010	S	1.2	1.2000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	.	0.1014	ND	2.90	mg/kg	
SWMU 231	SW6010	S	9.5	9.5000	DET	2.30	mg/kg	

---------- Method=Inorganics Analyte=Chromium ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	10.9	10.9000	DET	2.3	mg/kg	
SWMU 231	SW6010	S	3.7	3.7000	DET	2.5	mg/kg	
SWMU 231	SW6010	S	5.7	5.7000	DET	2.4	mg/kg	
SWMU 231	SW6010	S	5.2	5.2000	DET	2.4	mg/kg	
SWMU 231	SW6010	S	3.5	3.5000	DET	2.7	mg/kg	
SWMU 231	SW6010	S	6.1	6.1000	DET	2.3	mg/kg	
SWMU 231	SW6010	S	3.0	3.0000	DET	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.8018	ND	2.8	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Cobalt ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	-0.22	-0.22000	DET	0.98	mg/kg	@
Holloman 4 Sites	SW6010	S	0.16	0.16000	DET	0.90	mg/kg	@
Holloman 4 Sites	SW6010	S	0.93	0.93000	DET	0.87	mg/kg	@
SWMU 231	SW6010	S	1.30	1.30000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	2.30	2.30000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	.	0.56735	ND	2.70	mg/kg	
SWMU 231	SW6010	S	2.00	2.00000	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	1.40	1.40000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	.	0.42975	ND	2.80	mg/kg	
SWMU 231	SW6010	S	2.40	2.40000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	1.80	1.80000	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	1.10	1.10000	DET	2.60	mg/kg	J
SWMU 231	SW6010	S	3.00	3.00000	DET	2.50	mg/kg	
SWMU 231	SW6010	S	2.40	2.40000	DET	2.40	mg/kg	
SWMU 231	SW6010	S	.	0.66057	ND	2.70	mg/kg	
SWMU 231	SW6010	S	4.10	4.10000	DET	1.10	mg/kg	
SWMU 231	SW6010	S	0.89	0.89000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	.	0.25814	ND	2.90	mg/kg	
SWMU 231	SW6010	S	3.30	3.30000	DET	2.30	mg/kg	
SWMU 231	SW6010	S	3.50	3.50000	DET	2.30	mg/kg	
SWMU 231	SW6010	S	.	0.25532	ND	2.50	mg/kg	
SWMU 231	SW6010	S	2.20	2.20000	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	1.80	1.80000	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	0.68	0.68000	DET	2.70	mg/kg	J
SWMU 231	SW6010	S	2.20	2.20000	DET	2.30	mg/kg	J
SWMU 231	SW6010	S	.	0.67635	ND	2.40	mg/kg	
SWMU 231	SW6010	S	.	0.64844	ND	2.80	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Copper ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	0.98	0.9800	DET	2.0	mg/kg	@
Holloman 4 Sites	SW6010	S	1.80	1.8000	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	0.89	0.8900	DET	1.7	mg/kg	@
SWMU 231	SW6010	S	2.30	2.3000	DET	4.9	mg/kg	J
SWMU 231	SW6010	S	3.70	3.7000	DET	5.0	mg/kg	J
SWMU 231	SW6010	S	.	0.0504	ND	5.4	mg/kg	
SWMU 231	SW6010	S	16.50	16.5000	DET	4.9	mg/kg	
SWMU 231	SW6010	S	1.90	1.9000	DET	5.0	mg/kg	J
SWMU 231	SW6010	S	.	0.4954	ND	5.5	mg/kg	
SWMU 231	SW6010	S	4.90	4.9000	DET	4.9	mg/kg	
SWMU 231	SW6010	S	2.10	2.1000	DET	4.9	mg/kg	J
SWMU 231	SW6010	S	1.60	1.6000	DET	5.1	mg/kg	J
SWMU 231	SW6010	S	6.30	6.3000	DET	4.9	mg/kg	
SWMU 231	SW6010	S	4.60	4.6000	DET	4.8	mg/kg	J
SWMU 231	SW6010	S	1.10	1.1000	DET	5.3	mg/kg	J
SWMU 231	SW6010	S	9.40	9.4000	DET	2.3	mg/kg	
SWMU 231	SW6010	S	0.89	0.8900	DET	5.0	mg/kg	J
SWMU 231	SW6010	S	.	0.2263	ND	5.7	mg/kg	
SWMU 231	SW6010	S	9.40	9.4000	DET	4.7	mg/kg	
SWMU 231	SW6010	S	4.50	4.5000	DET	4.6	mg/kg	J
SWMU 231	SW6010	S	1.90	1.9000	DET	5.0	mg/kg	J
SWMU 231	SW6010	S	4.20	4.2000	DET	4.8	mg/kg	J
SWMU 231	SW6010	S	4.10	4.1000	DET	4.9	mg/kg	J
SWMU 231	SW6010	S	.	0.5768	ND	5.4	mg/kg	
SWMU 231	SW6010	S	7.50	7.5000	DET	4.5	mg/kg	
SWMU 231	SW6010	S	2.90	2.9000	DET	4.9	mg/kg	J
SWMU 231	SW6010	S	.	0.1859	ND	5.5	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Iron ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	740	740	DET	4.9	mg/kg	
Holloman 4 Sites	SW6010	S	1500	1500	DET	4.5	mg/kg	
Holloman 4 Sites	SW6010	S	2400	2400	DET	4.4	mg/kg	
SWMU 231	SW6010	S	3890	3890	DET	24.6	mg/kg	
SWMU 231	SW6010	S	5740	5740	DET	25.0	mg/kg	
SWMU 231	SW6010	S	1150	1150	DET	27.2	mg/kg	
SWMU 231	SW6010	S	15100	15100	DET	24.3	mg/kg	
SWMU 231	SW6010	S	5010	5010	DET	24.8	mg/kg	
SWMU 231	SW6010	S	1500	1500	DET	27.6	mg/kg	
SWMU 231	SW6010	S	6560	6560	DET	24.6	mg/kg	

---------- Method=Inorganics Analyte=Iron ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	2730	2730	DET	24.5	mg/kg	
SWMU 231	SW6010	S	2600	2600	DET	25.7	mg/kg	
SWMU 231	SW6010	S	6410	6410	DET	24.6	mg/kg	
SWMU 231	SW6010	S	7080	7080	DET	23.9	mg/kg	
SWMU 231	SW6010	S	3000	3000	DET	26.5	mg/kg	
SWMU 231	SW6010	S	10000	10000	DET	11.5	mg/kg	
SWMU 231	SW6010	S	3110	3110	DET	25.1	mg/kg	
SWMU 231	SW6010	S	1410	1410	DET	28.6	mg/kg	
SWMU 231	SW6010	S	10800	10800	DET	23.5	mg/kg	
SWMU 231	SW6010	S	8890	8890	DET	23.0	mg/kg	
SWMU 231	SW6010	S	5130	5130	DET	24.9	mg/kg	
SWMU 231	SW6010	S	6280	6280	DET	24.1	mg/kg	
SWMU 231	SW6010	S	5640	5640	DET	24.3	mg/kg	
SWMU 231	SW6010	S	4240	4240	DET	26.9	mg/kg	
SWMU 231	SW6010	S	10000	10000	DET	22.6	mg/kg	
SWMU 231	SW6010	S	4030	4030	DET	24.4	mg/kg	
SWMU 231	SW6010	S	1850	1850	DET	27.7	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Lead ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7421	S	0.074	0.074	DET	0.31	mg/kg	@
Holloman 4 Sites	SW7421	S	0.380	0.380	DET	0.28	mg/kg	@
Holloman 4 Sites	SW7421	S	1.100	1.100	DET	0.27	mg/kg	@
SWMU 231	SW7421	S	5.000	5.000	DET	3.10	mg/kg	
SWMU 231	SW7421	S	4.600	4.600	DET	6.20	mg/kg	J
SWMU 231	SW7421	S	3.900	3.900	DET	3.40	mg/kg	
SWMU 231	SW7421	S	7.800	7.800	DET	0.61	mg/kg	
SWMU 231	SW7421	S	5.300	5.300	DET	3.10	mg/kg	
SWMU 231	SW7421	S	4.100	4.100	DET	3.40	mg/kg	
SWMU 231	SW7421	S	7.600	7.600	DET	12.30	mg/kg	J
SWMU 231	SW7421	S	0.910	0.910	DET	2.40	mg/kg	J
SWMU 231	SW7421	S	4.100	4.100	DET	6.40	mg/kg	J
SWMU 231	SW7421	S	8.600	8.600	DET	12.30	mg/kg	J
SWMU 231	SW7421	S	6.900	6.900	DET	6.00	mg/kg	
SWMU 231	SW7421	S	0.660	0.660	DET	1.30	mg/kg	J
SWMU 231	SW7421	S	9.400	9.400	DET	11.50	mg/kg	J
SWMU 231	SW7421	S	1.400	1.400	DET	3.10	mg/kg	J
SWMU 231	SW7421	S	0.340	0.340	DET	1.40	mg/kg	J
SWMU 231	SW7421	S	5.300	5.300	DET	0.59	mg/kg	

---------- Method=Inorganics Analyte=Lead ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7421	S	5.4	5.4	DET	1.2	mg/kg	
SWMU 231	SW7421	S	5.3	5.3	DET	3.1	mg/kg	
SWMU 231	SW7421	S	7.3	7.3	DET	3.0	mg/kg	
SWMU 231	SW7421	S	6.8	6.8	DET	6.1	mg/kg	
SWMU 231	SW7421	S	4.1	4.1	DET	3.4	mg/kg	
SWMU 231	SW7421	S	5.7	5.7	DET	1.1	mg/kg	
SWMU 231	SW7421	S	5.0	5.0	DET	3.0	mg/kg	
SWMU 231	SW7421	S	4.2	4.2	DET	3.5	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Magnesium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	970	970	DET	98.0	mg/kg	
Holloman 4 Sites	SW6010	S	1100	1100	DET	90.0	mg/kg	
Holloman 4 Sites	SW6010	S	1300	1300	DET	87.0	mg/kg	
SWMU 231	SW6010	S	2950	2950	DET	49.3	mg/kg	
SWMU 231	SW6010	S	3780	3780	DET	49.9	mg/kg	
SWMU 231	SW6010	S	712	712	DET	54.4	mg/kg	
SWMU 231	SW6010	S	6050	6050	DET	48.5	mg/kg	
SWMU 231	SW6010	S	3240	3240	DET	49.5	mg/kg	
SWMU 231	SW6010	S	1170	1170	DET	55.1	mg/kg	
SWMU 231	SW6010	S	4780	4780	DET	49.3	mg/kg	
SWMU 231	SW6010	S	1960	1960	DET	49.0	mg/kg	
SWMU 231	SW6010	S	1530	1530	DET	51.3	mg/kg	
SWMU 231	SW6010	S	6190	6190	DET	49.2	mg/kg	
SWMU 231	SW6010	S	6330	6330	DET	47.8	mg/kg	
SWMU 231	SW6010	S	2110	2110	DET	53.0	mg/kg	
SWMU 231	SW6010	S	10200	10200	DET	23.0	mg/kg	
SWMU 231	SW6010	S	2460	2460	DET	50.3	mg/kg	
SWMU 231	SW6010	S	933	933	DET	57.2	mg/kg	
SWMU 231	SW6010	S	9580	9580	DET	47.0	mg/kg	
SWMU 231	SW6010	S	5730	5730	DET	46.1	mg/kg	
SWMU 231	SW6010	S	3630	3630	DET	49.7	mg/kg	
SWMU 231	SW6010	S	6110	6110	DET	48.2	mg/kg	
SWMU 231	SW6010	S	5570	5570	DET	48.6	mg/kg	
SWMU 231	SW6010	S	2820	2820	DET	53.8	mg/kg	
SWMU 231	SW6010	S	5600	5600	DET	45.1	mg/kg	
SWMU 231	SW6010	S	3460	3460	DET	48.8	mg/kg	
SWMU 231	SW6010	S	1020	1020	DET	55.4	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Manganese ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	120.0	120.0	DET	0.98	mg/kg	
Holloman 4 Sites	SW6010	S	17.0	17.0	DET	0.90	mg/kg	
Holloman 4 Sites	SW6010	S	19.0	19.0	DET	0.87	mg/kg	
SWMU 231	SW6010	S	118.0	118.0	DET	2.50	mg/kg	
SWMU 231	SW6010	S	123.0	123.0	DET	2.50	mg/kg	
SWMU 231	SW6010	S	18.1	18.1	DET	2.70	mg/kg	
SWMU 231	SW6010	S	178.0	178.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	66.7	66.7	DET	2.50	mg/kg	
SWMU 231	SW6010	S	102.0	102.0	DET	2.80	mg/kg	
SWMU 231	SW6010	S	121.0	121.0	DET	2.50	mg/kg	
SWMU 231	SW6010	S	49.5	49.5	DET	2.40	mg/kg	
SWMU 231	SW6010	S	59.6	59.6	DET	2.60	mg/kg	
SWMU 231	SW6010	S	158.0	158.0	DET	2.50	mg/kg	
SWMU 231	SW6010	S	136.0	136.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	56.3	56.3	DET	2.70	mg/kg	
SWMU 231	SW6010	S	253.0	253.0	DET	1.10	mg/kg	
SWMU 231	SW6010	S	54.1	54.1	DET	2.50	mg/kg	
SWMU 231	SW6010	S	17.0	17.0	DET	2.90	mg/kg	
SWMU 231	SW6010	S	268.0	268.0	DET	2.30	mg/kg	
SWMU 231	SW6010	S	162.0	162.0	DET	2.30	mg/kg	
SWMU 231	SW6010	S	80.0	80.0	DET	2.50	mg/kg	
SWMU 231	SW6010	S	127.0	127.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	112.0	112.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	44.4	44.4	DET	2.70	mg/kg	
SWMU 231	SW6010	S	159.0	159.0	DET	2.30	mg/kg	
SWMU 231	SW6010	S	56.0	56.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	16.7	16.7	DET	2.80	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Mercury ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7471	S	-0.068	-0.06800	DET	0.058	mg/kg	@
Holloman 4 Sites	SW7471	S	-0.061	-0.06100	DET	0.055	mg/kg	@
Holloman 4 Sites	SW7471	S	-0.064	-0.06400	DET	0.055	mg/kg	@
SWMU 231	SW7471	S	.	0.11546	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.05029	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.06592	ND	0.140	mg/kg	
SWMU 231	SW7471	S	.	0.02844	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.02306	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.07798	ND	0.140	mg/kg	
SWMU 231	SW7471	S	.	0.04986	ND	0.120	mg/kg	

---------- Method=Inorganics Analyte=Mercury ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7471	S	.	0.01913	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.02759	ND	0.13	mg/kg	
SWMU 231	SW7471	S	.	0.07241	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.06605	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.09598	ND	0.13	mg/kg	
SWMU 231	SW7471	S	.	0.06699	ND	0.11	mg/kg	
SWMU 231	SW7471	S	.	0.02630	ND	0.13	mg/kg	
SWMU 231	SW7471	S	.	0.02953	ND	0.14	mg/kg	
SWMU 231	SW7471	S	.	0.09230	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.09820	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.04471	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.08453	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.08100	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.03739	ND	0.13	mg/kg	
SWMU 231	SW7471	S	.	0.03477	ND	0.11	mg/kg	
SWMU 231	SW7471	S	.	0.00542	ND	0.12	mg/kg	
SWMU 231	SW7471	S	.	0.11115	ND	0.14	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Nickel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	-1.40	-1.40000	DET	2.0	mg/kg	@
Holloman 4 Sites	SW6010	S	1.50	1.50000	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	0.16	0.16000	DET	1.7	mg/kg	@
SWMU 231	SW6010	S	1.80	1.80000	DET	9.9	mg/kg	J
SWMU 231	SW6010	S	3.40	3.40000	DET	10.0	mg/kg	J
SWMU 231	SW6010	S	.	0.22603	ND	10.9	mg/kg	
SWMU 231	SW6010	S	4.50	4.50000	DET	9.7	mg/kg	J
SWMU 231	SW6010	S	3.10	3.10000	DET	9.9	mg/kg	J
SWMU 231	SW6010	S	.	1.71944	ND	11.0	mg/kg	
SWMU 231	SW6010	S	6.20	6.20000	DET	9.9	mg/kg	J
SWMU 231	SW6010	S	3.50	3.50000	DET	9.8	mg/kg	J
SWMU 231	SW6010	S	3.70	3.70000	DET	10.3	mg/kg	J
SWMU 231	SW6010	S	6.20	6.20000	DET	9.8	mg/kg	J
SWMU 231	SW6010	S	7.50	7.50000	DET	9.6	mg/kg	J
SWMU 231	SW6010	S	3.90	3.90000	DET	10.6	mg/kg	J
SWMU 231	SW6010	S	9.50	9.50000	DET	4.6	mg/kg	
SWMU 231	SW6010	S	3.90	3.90000	DET	10.1	mg/kg	J
SWMU 231	SW6010	S	.	1.62040	ND	11.4	mg/kg	
SWMU 231	SW6010	S	7.40	7.40000	DET	9.4	mg/kg	J

---------- Method=Inorganics Analyte=Nickel ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	5.9	5.90000	DET	9.2	mg/kg	J
SWMU 231	SW6010	S	.	0.38895	ND	9.9	mg/kg	
SWMU 231	SW6010	S	3.6	3.60000	DET	9.6	mg/kg	J
SWMU 231	SW6010	S	2.8	2.80000	DET	9.7	mg/kg	J
SWMU 231	SW6010	S	.	0.41086	ND	10.8	mg/kg	
SWMU 231	SW6010	S	4.5	4.50000	DET	9.0	mg/kg	J
SWMU 231	SW6010	S	.	1.37590	ND	9.8	mg/kg	
SWMU 231	SW6010	S	.	1.07384	ND	11.1	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Potassium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	110	110	DET	290	mg/kg	@
Holloman 4 Sites	SW6010	S	290	290	DET	270	mg/kg	@
Holloman 4 Sites	SW6010	S	690	690	DET	260	mg/kg	@
SWMU 231	SW6010	S	885	885	DET	1230	mg/kg	J
SWMU 231	SW6010	S	1220	1220	DET	1250	mg/kg	J
SWMU 231	SW6010	S	222	222	DET	1360	mg/kg	J
SWMU 231	SW6010	S	2280	2280	DET	1210	mg/kg	
SWMU 231	SW6010	S	1040	1040	DET	1240	mg/kg	J
SWMU 231	SW6010	S	311	311	DET	1380	mg/kg	J
SWMU 231	SW6010	S	1570	1570	DET	1230	mg/kg	
SWMU 231	SW6010	S	776	776	DET	1220	mg/kg	J
SWMU 231	SW6010	S	542	542	DET	1280	mg/kg	J
SWMU 231	SW6010	S	2190	2190	DET	1230	mg/kg	
SWMU 231	SW6010	S	1960	1960	DET	1200	mg/kg	
SWMU 231	SW6010	S	632	632	DET	1330	mg/kg	J
SWMU 231	SW6010	S	3830	3830	DET	575	mg/kg	
SWMU 231	SW6010	S	637	637	DET	1260	mg/kg	J
SWMU 231	SW6010	S	270	270	DET	1430	mg/kg	J
SWMU 231	SW6010	S	3690	3690	DET	1170	mg/kg	
SWMU 231	SW6010	S	2350	2350	DET	1150	mg/kg	
SWMU 231	SW6010	S	1030	1030	DET	1240	mg/kg	J
SWMU 231	SW6010	S	2050	2050	DET	1200	mg/kg	
SWMU 231	SW6010	S	1760	1760	DET	1220	mg/kg	
SWMU 231	SW6010	S	959	959	DET	1350	mg/kg	J
SWMU 231	SW6010	S	2010	2010	DET	1130	mg/kg	
SWMU 231	SW6010	S	1220	1220	DET	1220	mg/kg	
SWMU 231	SW6010	S	386	386	DET	1380	mg/kg	J

N = 27

---------- Method=Inorganics Analyte=Selenium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7740	S	2.4	2.40000	DET	0.51	mg/kg	@
Holloman 4 Sites	SW7740	S	2.1	2.10000	DET	0.46	mg/kg	@
Holloman 4 Sites	SW7740	S	2.3	2.30000	DET	0.45	mg/kg	
SWMU 231	SW7740	S	0.8	0.80000	DET	6.20	mg/kg	J
SWMU 231	SW7740	S	.	0.42353	ND	6.20	mg/kg	
SWMU 231	SW7740	S	.	0.44590	ND	2.70	mg/kg	
SWMU 231	SW7740	S	.	0.42170	ND	2.40	mg/kg	
SWMU 231	SW7740	S	.	0.48471	ND	2.50	mg/kg	
SWMU 231	SW7740	S	.	0.58178	ND	3.40	mg/kg	
SWMU 231	SW7740	S	.	0.08069	ND	2.50	mg/kg	
SWMU 231	SW7740	S	.	0.36793	ND	6.10	mg/kg	
SWMU 231	SW7740	S	.	0.03844	ND	2.60	mg/kg	
SWMU 231	SW7740	S	.	0.08544	ND	2.50	mg/kg	
SWMU 231	SW7740	S	.	0.45306	ND	2.40	mg/kg	
SWMU 231	SW7740	S	.	0.30616	ND	2.70	mg/kg	
SWMU 231	SW7740	S	.	0.30667	ND	2.30	mg/kg	
SWMU 231	SW7740	S	.	0.66695	ND	6.30	mg/kg	
SWMU 231	SW7740	S	.	0.71889	ND	2.90	mg/kg	
SWMU 231	SW7740	S	.	0.17354	ND	2.30	mg/kg	
SWMU 231	SW7740	S	.	0.52263	ND	2.30	mg/kg	
SWMU 231	SW7740	S	.	0.08502	ND	2.50	mg/kg	
SWMU 231	SW7740	S	0.9	0.90000	DET	3.00	mg/kg	J
SWMU 231	SW7740	S	.	0.18335	ND	3.00	mg/kg	
SWMU 231	SW7740	S	.	0.40552	ND	2.70	mg/kg	
SWMU 231	SW7740	S	.	0.23199	ND	2.30	mg/kg	
SWMU 231	SW7740	S	1.1	1.10000	DET	3.00	mg/kg	J
SWMU 231	SW7740	S	.	0.50795	ND	2.80	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Silver ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	-0.44	-0.44000	DET	0.98	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.51	-0.51000	DET	0.90	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.42	-0.42000	DET	0.87	mg/kg	@
SWMU 231	SW6010	S	.	0.07535	ND	2.50	mg/kg	
SWMU 231	SW6010	S	1.10	1.10000	DET	2.50	mg/kg	J
SWMU 231	SW6010	S	.	0.47647	ND	2.70	mg/kg	
SWMU 231	SW6010	S	.	1.09194	ND	2.40	mg/kg	
SWMU 231	SW6010	S	.	0.33890	ND	2.50	mg/kg	
SWMU 231	SW6010	S	.	0.80040	ND	2.80	mg/kg	
SWMU 231	SW6010	S	.	0.50768	ND	2.50	mg/kg	

---------- Method=Inorganics Analyte=Silver ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	.	0.66217	ND	2.4	mg/kg	
SWMU 231	SW6010	S	1.3	1.30000	DET	2.6	mg/kg	J
SWMU 231	SW6010	S	1.1	1.10000	DET	2.5	mg/kg	J
SWMU 231	SW6010	S	.	0.08429	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.79791	ND	2.7	mg/kg	
SWMU 231	SW6010	S	.	0.31108	ND	1.1	mg/kg	
SWMU 231	SW6010	S	.	0.10209	ND	2.5	mg/kg	
SWMU 231	SW6010	S	1.3	1.30000	DET	2.9	mg/kg	J
SWMU 231	SW6010	S	.	0.06602	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	0.95259	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	0.06976	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.78805	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.82845	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.49853	ND	2.7	mg/kg	
SWMU 231	SW6010	S	.	0.05920	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	0.11261	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.27730	ND	2.8	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Sodium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	1200	1200	DET	98	mg/kg	
Holloman 4 Sites	SW6010	S	810	810	DET	90	mg/kg	
Holloman 4 Sites	SW6010	S	1200	1200	DET	87	mg/kg	
SWMU 231	SW6010	S	1210	1210	DET	1230	mg/kg	J
SWMU 231	SW6010	S	1640	1640	DET	1250	mg/kg	
SWMU 231	SW6010	S	457	457	DET	1360	mg/kg	J
SWMU 231	SW6010	S	886	886	DET	1210	mg/kg	J
SWMU 231	SW6010	S	1260	1260	DET	1240	mg/kg	
SWMU 231	SW6010	S	861	861	DET	1380	mg/kg	J
SWMU 231	SW6010	S	646	646	DET	1230	mg/kg	J
SWMU 231	SW6010	S	616	616	DET	1220	mg/kg	J
SWMU 231	SW6010	S	864	864	DET	1280	mg/kg	J
SWMU 231	SW6010	S	972	972	DET	1230	mg/kg	J
SWMU 231	SW6010	S	464	464	DET	1200	mg/kg	J
SWMU 231	SW6010	S	1070	1070	DET	1330	mg/kg	J
SWMU 231	SW6010	S	1580	1580	DET	575	mg/kg	
SWMU 231	SW6010	S	230	230	DET	1260	mg/kg	J
SWMU 231	SW6010	S	583	583	DET	1430	mg/kg	J
SWMU 231	SW6010	S	781	781	DET	1170	mg/kg	J

---------- Method=Inorganics Analyte=Sodium ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	643	643.00	DET	1150	mg/kg	J
SWMU 231	SW6010	S	1470	1470.00	DET	1240	mg/kg	
SWMU 231	SW6010	S	315	315.00	DET	1200	mg/kg	J
SWMU 231	SW6010	S	812	812.00	DET	1220	mg/kg	J
SWMU 231	SW6010	S	972	972.00	DET	1350	mg/kg	J
SWMU 231	SW6010	S	260	260.00	DET	1130	mg/kg	J
SWMU 231	SW6010	S	.	115.85	ND	1220	mg/kg	
SWMU 231	SW6010	S	495	495.00	DET	1380	mg/kg	J

N = 27

---------- Method=Inorganics Analyte=Thallium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	10.0	10.0000	DET	9.8	mg/kg	@
Holloman 4 Sites	SW6010	S	9.4	9.4000	DET	9.0	mg/kg	@
Holloman 4 Sites	SW6010	S	4.1	4.1000	DET	8.7	mg/kg	@
SWMU 231	SW6010	S	.	0.9661	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.0144	ND	5.0	mg/kg	
SWMU 231	SW6010	S	.	0.9293	ND	2.7	mg/kg	
SWMU 231	SW6010	S	.	0.7033	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	1.0990	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.0558	ND	2.8	mg/kg	
SWMU 231	SW6010	S	.	0.0481	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.2500	ND	6.1	mg/kg	
SWMU 231	SW6010	S	.	0.9258	ND	2.6	mg/kg	
SWMU 231	SW6010	S	1.1	1.1000	DET	2.5	mg/kg	J
SWMU 231	SW6010	S	.	0.2701	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.3737	ND	2.7	mg/kg	
SWMU 231	SW6010	S	.	0.1329	ND	1.1	mg/kg	
SWMU 231	SW6010	S	.	0.3443	ND	6.3	mg/kg	
SWMU 231	SW6010	S	.	0.1887	ND	2.9	mg/kg	
SWMU 231	SW6010	S	.	0.8977	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	0.0808	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	1.0529	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.9735	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.1589	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.3676	ND	2.7	mg/kg	
SWMU 231	SW6010	S	.	0.9142	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	0.8696	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.6418	ND	2.8	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Vanadium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	1.70	1.70	DET	2.0	mg/kg	@
Holloman 4 Sites	SW6010	S	3.20	3.20	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	4.60	4.60	DET	1.7	mg/kg	@
SWMU 231	SW6010	S	8.20	8.20	DET	2.5	mg/kg	
SWMU 231	SW6010	S	10.90	10.90	DET	2.5	mg/kg	
SWMU 231	SW6010	S	0.85	0.85	DET	2.7	mg/kg	J
SWMU 231	SW6010	S	10.70	10.70	DET	2.4	mg/kg	
SWMU 231	SW6010	S	8.00	8.00	DET	2.5	mg/kg	
SWMU 231	SW6010	S	2.90	2.90	DET	2.8	mg/kg	
SWMU 231	SW6010	S	11.00	11.00	DET	2.5	mg/kg	
SWMU 231	SW6010	S	7.10	7.10	DET	2.4	mg/kg	
SWMU 231	SW6010	S	5.50	5.50	DET	2.6	mg/kg	
SWMU 231	SW6010	S	12.40	12.40	DET	2.5	mg/kg	
SWMU 231	SW6010	S	15.60	15.60	DET	2.4	mg/kg	
SWMU 231	SW6010	S	5.60	5.60	DET	2.7	mg/kg	
SWMU 231	SW6010	S	15.40	15.40	DET	1.1	mg/kg	
SWMU 231	SW6010	S	8.30	8.30	DET	2.5	mg/kg	
SWMU 231	SW6010	S	2.70	2.70	DET	2.9	mg/kg	J
SWMU 231	SW6010	S	17.10	17.10	DET	2.3	mg/kg	
SWMU 231	SW6010	S	16.30	16.30	DET	2.3	mg/kg	
SWMU 231	SW6010	S	8.40	8.40	DET	2.5	mg/kg	
SWMU 231	SW6010	S	13.90	13.90	DET	2.4	mg/kg	
SWMU 231	SW6010	S	11.70	11.70	DET	2.4	mg/kg	
SWMU 231	SW6010	S	7.90	7.90	DET	2.7	mg/kg	
SWMU 231	SW6010	S	22.90	22.90	DET	2.3	mg/kg	
SWMU 231	SW6010	S	10.40	10.40	DET	2.4	mg/kg	
SWMU 231	SW6010	S	3.10	3.10	DET	2.8	mg/kg	

N = 27

---------- Method=Inorganics Analyte=Zinc ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	1.7	1.7	DET	2.0	mg/kg	@
Holloman 4 Sites	SW6010	S	5.2	5.2	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	6.7	6.7	DET	1.7	mg/kg	@
SWMU 231	SW6010	S	10.8	10.8	DET	4.9	mg/kg	
SWMU 231	SW6010	S	15.8	15.8	DET	5.0	mg/kg	
SWMU 231	SW6010	S	1.4	1.4	DET	5.4	mg/kg	J
SWMU 231	SW6010	S	41.0	41.0	DET	4.9	mg/kg	
SWMU 231	SW6010	S	11.9	11.9	DET	5.0	mg/kg	
SWMU 231	SW6010	S	2.8	2.8	DET	5.5	mg/kg	J
SWMU 231	SW6010	S	16.8	16.8	DET	4.9	mg/kg	

---------- Method=Inorganics Analyte=Zinc ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	9.1	9.1	DET	4.9	mg/kg	
SWMU 231	SW6010	S	7.6	7.6	DET	5.1	mg/kg	
SWMU 231	SW6010	S	20.3	20.3	DET	4.9	mg/kg	
SWMU 231	SW6010	S	22.0	22.0	DET	4.8	mg/kg	
SWMU 231	SW6010	S	8.9	8.9	DET	5.3	mg/kg	
SWMU 231	SW6010	S	31.7	31.7	DET	2.3	mg/kg	
SWMU 231	SW6010	S	11.0	11.0	DET	5.0	mg/kg	
SWMU 231	SW6010	S	4.5	4.5	DET	5.7	mg/kg	J
SWMU 231	SW6010	S	32.8	32.8	DET	4.7	mg/kg	
SWMU 231	SW6010	S	23.7	23.7	DET	4.6	mg/kg	
SWMU 231	SW6010	S	10.7	10.7	DET	5.0	mg/kg	
SWMU 231	SW6010	S	18.2	18.2	DET	4.8	mg/kg	
SWMU 231	SW6010	S	17.4	17.4	DET	4.9	mg/kg	
SWMU 231	SW6010	S	9.5	9.5	DET	5.4	mg/kg	
SWMU 231	SW6010	S	48.8	48.8	DET	4.5	mg/kg	
SWMU 231	SW6010	S	14.9	14.9	DET	4.9	mg/kg	
SWMU 231	SW6010	S	2.5	2.5	DET	5.5	mg/kg	J

N = 27

------ Method=Organics Analyte=1,1,1,2-Tetrachloroethane -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0062394	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0035262	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0019435	ND	.0061	mg/kg	

N = 3

-------- Method=Organics Analyte=1,1,1-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0061346	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0053691	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0054915	ND	.0061	mg/kg	

N = 3

------ Method=Organics Analyte=1,1,2,2-Tetrachloroethane -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0051196	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0060842	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0036414	ND	.0061	mg/kg	

N = 3

-------- Method=Organics Analyte=1,1,2-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0051209	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0051585	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0006261	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=1,1-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0055479	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0040987	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004571	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=1,1-Dichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0002948	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0042887	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0022848	ND	.0061	mg/kg	

N = 3

-------- Method=Organics Analyte=1,2,3-Trichloropropane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0063401	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004734	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0053746	ND	.0061	mg/kg	

N = 3

------ Method=Organics Analyte=1,2,4,5-Tetrachlorobenzene ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.28138	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20199	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.37638	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23764	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03995	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34530	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.04049	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20654	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18241	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.05830	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19606	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08884	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.24769	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19230	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43482	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04817	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.20056	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09679	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.36479	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01477	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.23755	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16012	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07668	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05880	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34892	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.38938	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15092	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=1,2,4-Trichlorobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14970	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04785	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39233	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15013	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23410	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19640	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34933	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.27491	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27986	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.12744	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06317	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16693	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.03772	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30824	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.18947	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.09223	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.38671	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35340	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.02226	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.28689	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19343	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28533	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24283	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.43301	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04374	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.06422	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12727	ND	0.46	mg/kg	

N = 27

----- Method=Organics Analyte=1,2-Dibromo-3-chloropropane ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.002370	ND	0.027	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.001534	ND	0.024	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.017825	ND	0.024	mg/kg	

N = 3

---------- Method=Organics Analyte=1,2-Dibromoethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0056211	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007768	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0003860	ND	.0061	mg/kg	

N = 3

--------- Method=Organics Analyte=1,2-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.42894	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25443	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17155	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03269	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32087	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30213	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.33105	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39167	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01412	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25381	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06935	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24208	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.02454	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10124	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.18080	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.15630	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.37671	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33275	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.12186	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36698	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.28848	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13256	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01348	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13070	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26315	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.09085	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06207	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=1,2-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0050635	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0019362	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0037874	ND	.0061	mg/kg	

N = 3

--------- Method=Organics Analyte=1,2-Dichloropropane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0022003	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007443	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0025896	ND	.0061	mg/kg	

N = 3

--------- Method=Organics Analyte=1,3-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.05418	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15711	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24500	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02121	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10829	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10108	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34248	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11535	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40268	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22260	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26360	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32770	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30373	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23044	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36574	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.22288	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25779	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35441	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23210	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.29413	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.10701	ND	0.41	mg/kg	

--------- Method=Organics Analyte=1,3-Dichlorobenzene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.01797	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33577	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23583	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02352	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.14615	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03008	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=1,3-Dinitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.30983	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40004	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.38478	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20523	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09342	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35953	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.23271	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29627	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19897	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17124	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01229	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16693	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.38427	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12425	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.20749	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12994	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01156	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07366	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.14218	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01995	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00392	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07106	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24984	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.42934	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.11176	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.32501	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.45979	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=1,4-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.21156	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00402	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40750	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18431	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23611	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13308	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.16778	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08161	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33039	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.09085	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07320	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.18138	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.32428	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02568	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03026	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.29156	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01367	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00869	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.25833	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.24511	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.20449	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17930	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39784	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31189	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.22636	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.19459	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29305	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=1,4-Naphthoquinone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.24761	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00678	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05019	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28473	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12925	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33044	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.07005	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21018	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02768	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.36214	ND	0.41	mg/kg	

---------- Method=Organics Analyte=1,4-Naphthoquinone ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.27435	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.33550	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01907	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21194	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04747	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.07325	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01085	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00695	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27416	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21901	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28897	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.17699	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.29209	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37656	ND	0.46	mg/kg	

N = 24

---------- Method=Organics Analyte=1,4-Napthoquinone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35157	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.37188	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01315	ND	0.41	mg/kg	

N = 3

---------- Method=Organics Analyte=1-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.23176	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10710	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36160	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25622	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18866	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01765	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.18712	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20493	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39657	ND	0.45	mg/kg	

---------- Method=Organics Analyte=1-Naphthylamine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.21112	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14360	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12222	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.22592	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30191	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.37312	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26698	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31028	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04608	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.18051	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.00079	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.28514	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16527	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29947	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02899	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04746	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.18137	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.44038	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=2,3,4,6-Tetrachlorophenol -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.11555	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09945	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12562	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	1.84313	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.89607	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	2.08645	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.08229	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.21131	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.43627	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.93898	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.77992	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	2.03929	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.65279	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.28671	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.75026	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.22553	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.15000	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.54002	ND	2.30	mg/kg	

------ Method=Organics Analyte=2,3,4,6-Tetrachlorophenol -------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.22883	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.03133	NO	1.8	mg/kg	
SWMU 231	SW8270	S	.	1.47739	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.45685	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	0.13044	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	0.84472	ND	2.2	mg/kg	
SWMU 231	SW8270	S	.	1.05606	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	1.15765	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	1.57777	ND	2.2	mg/kg	

N = 27

------- Method=Organics Analyte=2,3/2,4-Dimethylaniline --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00172	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00380	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00022	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00312	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.11	0.11000	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00095	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00233	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00014	NO	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00150	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00398	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00238	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00349	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00306	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00169	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00191	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00275	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00056	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00059	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00265	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00238	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00136	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00343	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00296	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00528	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00244	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00401	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00267	ND	.005	mg/kg	

------- Method=Organics Analyte=2,3/2,4-Dimethylaniline --------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0020410	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0009737	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0020434	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0015797	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0036695	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0046476	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0033176	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0003345	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0009432	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0019794	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0004356	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0025777	ND	.005	mg/kg	

N = 39

-------- Method=Organics Analyte=2,4,5-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.33946	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.37066	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.33396	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.50476	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.53267	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.19081	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.55874	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.80110	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.03735	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.09768	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.04973	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.57303	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.52866	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.40635	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.85689	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.73147	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.99350	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.99047	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	0.17767	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.22677	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	1.28368	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.47945	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.63143	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.29866	ND	2.20	mg/kg	

-------- Method=Organics Analyte=2,4,5-Trichlorophenol ---------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.70325	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.92652	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	1.94247	ND	2.2	mg/kg	

N = 27

-------- Method=Organics Analyte=2,4,6-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.42584	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14760	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32470	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22297	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21103	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31731	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06445	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37558	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42424	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00199	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28145	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39408	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.13474	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36206	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.20367	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.03477	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.07323	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18328	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.32475	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02296	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19529	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09434	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04020	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15093	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13683	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.07997	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02950	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2,4-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40433	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.30364	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18068	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38326	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25414	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10565	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17688	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31002	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29159	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.31981	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24590	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26352	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30804	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36355	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.39525	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20799	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39784	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43973	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.33016	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.05508	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31339	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22196	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36255	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35820	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.32836	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.05912	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36658	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2,4-Dimethylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.12137	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.35623	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18966	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04975	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03216	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02136	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.03768	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03464	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03772	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01035	ND	0.41	mg/kg	

---------- Method=Organics Analyte=2,4-Dimethylphenol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.009978	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.003240	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.023630	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.007694	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.004128	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.013255	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.018563	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.002380	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.002157	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.049791	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.007850	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.017231	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.020907	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.022341	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.008184	ND	0.37	mg/kg	
SWMU 231	SW8270	S	0.056	0.056000	DET	0.40	mg/kg	J
SWMU 231	SW8270	S	0.069	0.069000	DET	0.46	mg/kg	J

N = 27

---------- Method=Organics Analyte=2,4-Dinitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.07703	ND	0.89	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.42833	ND	0.81	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.41504	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.26497	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.83970	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.38073	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.09875	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.96534	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.32431	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.63222	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.66773	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.07958	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.99629	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.65221	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.32909	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.54536	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	1.19072	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.31280	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	0.82485	ND	1.90	mg/kg	

---------- Method=Organics Analyte=2,4-Dinitrophenol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	1.51808	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	1.71520	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.82932	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	0.15757	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.08443	ND	2.2	mg/kg	
SWMU 231	SW8270	S	.	0.11308	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	1.65764	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	2.16619	ND	2.2	mg/kg	

N = 27

---------- Method=Organics Analyte=2,4-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.36313	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32364	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32817	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07511	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36610	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04635	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28528	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25978	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16082	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02603	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18047	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21017	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.40662	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29831	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.11428	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.29820	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.28476	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.46073	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.11504	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.25459	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16415	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26320	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21308	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10645	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.21557	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.22861	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03259	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=2,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00386	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00072	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00365	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00361	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.117	0.11700	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00473	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00485	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00125	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00267	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00026	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00159	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00400	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00047	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00136	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00029	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00307	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00412	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00009	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00013	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00013	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00368	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00062	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00157	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00212	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00378	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00084	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00320	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00477	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00399	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00053	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00139	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00206	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00197	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00490	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00439	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00065	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00212	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00102	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00184	ND	.005	mg/kg	

N = 39

---------- Method=Organics Analyte=2,6-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.07863	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39490	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.31976	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37055	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06845	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.44686	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.12402	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37887	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25094	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.26919	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10697	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26974	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.16755	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32318	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12687	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.23864	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29247	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42305	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.38052	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.19185	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.04375	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27300	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02027	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11280	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.17137	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.03883	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21414	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=2,6-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.000710	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.000396	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.001557	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.001597	ND	.002	mg/kg	
SWMU 231	SOP-427	S	0.0344	0.034400	DET	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.000893	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.000615	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.001848	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.001491	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.000434	ND	.002	mg/kg	

--------- Method=Organics Analyte=2,6-Dimethylaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0005979	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0005820	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0012501	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0017777	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0005974	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0005452	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0013712	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0003108	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0016062	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0001417	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0016780	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0018554	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0004728	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0009780	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0001632	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0013676	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0000254	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0003994	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0015303	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0016397	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0002329	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0015112	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0015397	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0017370	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0011211	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0017801	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0015232	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0007669	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	.0011899	ND	.002	mg/kg	

N = 39

---------- Method=Organics Analyte=2,6-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35385	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29968	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.21365	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12876	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21945	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15618	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.05647	ND	0.40	mg/kg	

---------- Method=Organics Analyte=2,6-Dinitrotoluene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.01761	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33919	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.09896	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14256	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09739	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.19253	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20237	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.10036	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02860	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.02237	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17772	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.05959	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.32966	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.14606	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35683	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14699	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31731	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.31895	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.28831	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01513	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=2-Acetylaminofluorene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.37727	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.16495	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06751	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	4.03457	ND	4.10	mg/kg	
SWMU 231	SW8270	S	.	3.53767	ND	4.10	mg/kg	
SWMU 231	SW8270	S	.	0.89231	ND	4.50	mg/kg	
SWMU 231	SW8270	S	.	3.28449	ND	4.00	mg/kg	
SWMU 231	SW8270	S	.	2.93567	ND	4.10	mg/kg	
SWMU 231	SW8270	S	.	3.58262	ND	4.50	mg/kg	
SWMU 231	SW8270	S	.	2.41406	ND	4.10	mg/kg	
SWMU 231	SW8270	S	.	0.24315	ND	4.00	mg/kg	
SWMU 231	SW8270	S	.	1.01542	ND	4.20	mg/kg	
SWMU 231	SW8270	S	.	2.64671	ND	4.10	mg/kg	
SWMU 231	SW8270	S	.	3.84292	ND	3.90	mg/kg	
SWMU 231	SW8270	S	.	3.54780	ND	4.40	mg/kg	
SWMU 231	SW8270	S	.	1.16231	ND	3.80	mg/kg	

-------- Method=Organics Analyte=2-Acetylaminofluorene ---------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.74145	ND	4.1	mg/kg	
SWMU 231	SW8270	S	.	2.77653	ND	4.7	mg/kg	
SWMU 231	SW8270	S	.	0.28040	ND	3.9	mg/kg	
SWMU 231	SW8270	S	.	0.36450	ND	3.8	mg/kg	
SWMU 231	SW8270	S	.	3.82236	ND	4.1	mg/kg	
SWMU 231	SW8270	S	.	1.13799	ND	4.0	mg/kg	
SWMU 231	SW8270	S	.	1.59362	ND	4.0	mg/kg	
SWMU 231	SW8270	S	.	1.54997	ND	4.4	mg/kg	
SWMU 231	SW8270	S	.	3.68859	ND	3.7	mg/kg	
SWMU 231	SW8270	S	.	0.15828	ND	4.0	mg/kg	
SWMU 231	SW8270	S	.	4.45193	ND	4.6	mg/kg	

N = 27

-------- Method=Organics Analyte=2-Chloro-1,3-butadiene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.025460	ND	0.033	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.001583	ND	0.030	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.007784	ND	0.030	mg/kg	

N = 3

--------- Method=Organics Analyte=2-Chloronaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.17334	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.33167	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.26360	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15068	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26587	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18295	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.16077	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13997	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39349	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34248	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34788	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35609	ND	0.42	mg/kg	

--------- Method=Organics Analyte=2-Chloronaphthalene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.11168	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05283	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04117	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.24465	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.27374	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28327	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.20009	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.07710	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.30447	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28523	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34248	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21960	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01268	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.34438	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06783	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Chlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.29901	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14301	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32742	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19237	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18832	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06448	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.31498	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15969	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05865	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.26933	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33270	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38571	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.04454	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11346	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.18523	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.03297	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.40836	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41037	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.37266	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.23644	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.02017	ND	0.41	mg/kg	

---------- Method=Organics Analyte=2-Chlorophenol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.14901	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03725	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07153	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.35875	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.00938	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32030	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Hexanone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.037558	ND	0.067	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.057016	ND	0.061	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.005238	ND	0.061	mg/kg	

N = 3

---------- Method=Drganics Analyte=2-Methylnaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.19583	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18066	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25063	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04472	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08846	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05794	ND	0.45	mg/kg	
SWMU 231	SW8270	S	0.24	0.24000	DET	0.40	mg/kg	J
SWMU 231	SW8270	S	4.10	4.10000	DET	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01438	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.10151	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19502	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14336	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.11467	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19573	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.06581	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.10796	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.07547	ND	0.41	mg/kg	

--------- Method=Organics Analyte=2-Methylnaphthalene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.07726	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.01586	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12586	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21447	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16754	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20658	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13775	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.23668	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.09313	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13032	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Methylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.33717	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22350	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15243	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17899	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22719	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25990	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.26318	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28958	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41920	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17012	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27546	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06390	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.21508	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36394	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43526	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.27417	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00236	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37263	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.28474	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12137	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19812	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35709	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15718	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36853	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20737	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.12504	ND	0.40	mg/kg	

---------- Method=Organics Analyte=2-Methylphenol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.44619	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40133	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.05980	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40539	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18995	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02554	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24039	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00435	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13471	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02495	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.26901	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21695	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33582	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.06755	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01792	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03474	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.24307	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29053	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30338	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.34187	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02050	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.08764	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28813	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32106	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11237	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04655	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.37727	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05676	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.32667	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14966	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09353	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	1.86041	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.56683	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.04541	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.44565	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.00220	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.97025	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.84381	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.67924	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.66864	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.13540	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.20502	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.63288	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.33039	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.74695	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.79243	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	1.73808	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.40547	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.51792	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.03668	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.67788	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.54156	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.09810	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.65945	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.86317	ND	2.20	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.36876	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22518	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39841	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31566	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03064	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35319	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.20270	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22154	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05371	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.24788	ND	0.41	mg/kg	

---------- Method=Organics Analyte=2-Nitrophenol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.04992	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11826	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.39367	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28128	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04884	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.22936	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.37544	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22925	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.27567	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02074	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11752	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20462	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30091	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07715	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18458	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.13035	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38616	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=2-Picoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.33787	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15270	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20281	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23236	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06001	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27477	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.27828	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36407	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35740	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.40667	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28224	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05189	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30202	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35889	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.23321	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.33994	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.32762	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.45240	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.33131	ND	0.39	mg/kg	

---------- Method=Organics Analyte=2-Picoline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.35656	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.15163	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19615	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15386	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36440	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.30205	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.35015	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34315	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=3,3'-Dichlorobenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.19421	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00100	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09188	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42279	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.33092	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.83556	ND	0.90	mg/kg	
SWMU 231	SW8270	S	.	0.57192	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.24645	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.47100	ND	0.91	mg/kg	
SWMU 231	SW8270	S	.	0.10311	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.66815	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.21963	ND	0.85	mg/kg	
SWMU 231	SW8270	S	.	0.59310	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.78284	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.43552	ND	0.87	mg/kg	
SWMU 231	SW8270	S	.	0.74326	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.72193	ND	0.83	mg/kg	
SWMU 231	SW8270	S	.	0.86195	ND	0.94	mg/kg	
SWMU 231	SW8270	S	.	0.70316	ND	0.78	mg/kg	
SWMU 231	SW8270	S	.	0.23692	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.18350	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.76164	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.07732	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.21202	ND	0.89	mg/kg	
SWMU 231	SW8270	S	.	0.10735	ND	0.74	mg/kg	
SWMU 231	SW8270	S	.	0.23988	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.73009	ND	0.91	mg/kg	

N = 27

-------- Method=Organics Analyte=3,3'-Dimethylbenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.73664	ND	0.89	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.63962	ND	0.81	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.57093	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.02996	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12664	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19956	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.21526	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06219	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30873	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.23129	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12752	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15919	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.34131	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24490	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.31169	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12342	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.09939	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.45715	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.30857	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.00748	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.38814	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34610	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23242	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.18458	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.15373	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.19139	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26830	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=3,4-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00379	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00313	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00522	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00319	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.147	0.14700	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00094	NO	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00085	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00078	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00130	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00341	ND	.005	mg/kg	

--------- Method=Organics Analyte=3,4-Dimethylaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0006504	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0004014	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0009836	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0039599	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0035182	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0036799	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0037938	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0038818	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0024980	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0045926	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0057806	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0000857	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0000875	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0046115	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0005502	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0043717	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0023747	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0046893	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0006701	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0016478	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0003341	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0005082	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0040213	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0035683	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0038703	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0026181	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0022612	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0005339	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0038224	ND	.005	mg/kg	

N = 39

--------- Method=Organics Analyte=3,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00017	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00410	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00567	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00136	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.218	0.21800	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00131	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	0.00255	ND	.005	mg/kg	

--------- Method=Organics Analyte=3,5-Dimethylaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0037415	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0039762	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0047960	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0026798	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0002763	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0033764	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0006479	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0057074	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0021511	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0020300	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0019750	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0000920	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0024467	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0032563	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0035561	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0019021	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0050308	ND	.006	mg/kg	
SWMU 231	SOP-427	S	.	.0003358	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0045266	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0035052	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0029356	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0041510	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0020977	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0032616	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0004929	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0013514	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0041323	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0007155	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0010312	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0004472	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0027636	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0026774	ND	.005	mg/kg	

N = 39

---------- Method=Organics Analyte=3-Chloropropene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0019703	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0026782	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0033293	ND	.0061	mg/kg	

N = 3

--------- Method=Organics Analyte=3-Methylcholanthrene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03312	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40694	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28349	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30435	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32010	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07350	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00167	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23889	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43228	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.19216	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05709	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25352	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.17895	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16658	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.09524	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.09962	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.40337	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38444	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.09638	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.08676	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25788	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30735	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38532	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.40801	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.32055	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.06419	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21629	ND	0.46	mg/kg	

N = 27

---- Method=Organics Analyte=3-Methylphenol/4-Methylphenol -----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.24900	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14037	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00308	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10263	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.13052	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32483	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32142	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22109	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03388	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02155	ND	0.40	mg/kg	

---- Method=Organics Analyte=3-Methylphenol/4-Methylphenol -----
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.04038	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26655	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36300	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06283	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19091	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.05247	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09051	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.13453	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02207	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.14286	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01490	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.09210	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.10562	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.17766	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33835	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30026	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26866	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19211	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.11501	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08896	ND	0.46	mg/kg	

N = 30

---------- Method=Organics Analyte=3-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.08814	ND	0.89	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00496	ND	0.81	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.54996	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.53265	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.46989	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.56805	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.29401	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.77704	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.48551	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.82586	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.97794	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.63460	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.02706	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.19550	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	2.05590	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.17100	ND	1.80	mg/kg	

---------- Method=Organics Analyte=3-Nitroaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	1.36154	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.20489	ND	2.3	mg/kg	
SWMU 231	SW8270	S	.	1.66454	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.04510	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.04226	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.12775	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.33298	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.29801	ND	2.2	mg/kg	
SWMU 231	SW8270	S	.	0.21661	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.25516	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.97074	ND	2.2	mg/kg	

N = 27

------ Method=Organics Analyte=4,6-Dinitro-2-methylphenol ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.09929	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.27408	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10571	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	1.87311	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.42497	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.35692	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.56969	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.94760	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.64499	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.87920	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.80902	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.26823	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.03102	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.35282	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.09414	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.22831	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.27370	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.48127	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	1.25731	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.66263	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.77762	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.55339	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.36801	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.02638	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.44000	ND	1.80	mg/kg	

------ Method=Organics Analyte=4,6-Dinitro-2-methylphenol ------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.69005	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.98816	ND	2.2	mg/kg	

N = 27

---------- Method=Organics Analyte=4-Aminobiphenyl ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03765	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.07767	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18519	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07170	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29698	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18822	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.04289	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00196	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21482	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.40097	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26674	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11834	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.09705	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26769	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.11460	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.15908	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.22330	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14849	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.01750	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.24370	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.24462	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09883	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33206	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28425	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.22148	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.17121	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16636	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=4-Bromophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.41053	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.07393	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18998	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30879	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24114	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32993	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02203	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07421	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09548	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34974	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25437	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15762	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.18383	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23259	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.10782	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34993	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.38133	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.45471	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.11008	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.20888	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.20383	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15171	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09461	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25800	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01029	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.38311	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12126	ND	0.46	mg/kg	

N = 27

------- Method=Organics Analyte=4-Chloro-3-methylphenol --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.30363	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22661	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01257	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28636	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10130	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11797	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.24967	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14048	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40994	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.39156	ND	0.41	mg/kg	

------- Method=Organics Analyte=4-Chloro-3-methylphenol --------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.16663	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05150	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.13116	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17271	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.24197	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.15166	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.15905	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28257	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.15838	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.35956	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16387	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19138	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00197	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30747	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.30933	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.26599	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04270	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=4-Chloroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.07379	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.16251	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09681	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21924	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23801	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30775	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.38215	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34369	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11014	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22062	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30061	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04852	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.09673	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31207	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.09928	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.23878	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.17814	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14688	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23378	ND	0.39	mg/kg	

---------- Method=Organics Analyte=4-Chloroaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.23727	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34919	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12021	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25183	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15268	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12329	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.02117	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38170	ND	0.46	mg/kg	

N = 27

----- Method=Organics Analyte=4-Chlorophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.42285	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08033	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08093	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24095	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38873	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31811	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34786	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23806	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12927	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.31785	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34436	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13124	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.12177	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12258	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.34955	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.08127	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39619	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42190	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.22821	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01358	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25209	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34077	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11477	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.40497	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.25666	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.28929	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29691	ND	0.46	mg/kg	

N = 27

----- Method=Organics Analyte=4-Methyl-2-pentanone (MIBK) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.046693	ND	0.067	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.003735	ND	0.061	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.025890	ND	0.061	mg/kg	

N = 3

---------- Method=Organics Analyte=4-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.83310	ND	0.89	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08236	ND	0.81	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18120	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	1.32733	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.56112	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.34051	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.49557	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.95111	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.93367	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.46218	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.34256	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.25631	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.18662	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.70498	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.26152	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.66974	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.80294	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.68381	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	0.58635	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.19017	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	1.52454	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.38236	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.51703	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.44466	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.15348	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.60458	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.25009	ND	2.20	mg/kg	

N = 27

---------- Method=Organics Analyte=4-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.39866	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28104	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12109	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43886	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.64195	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.37589	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.48358	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.76261	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.70792	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.25404	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.59110	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.39729	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	1.94774	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.56369	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.08342	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.13381	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.90156	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.10787	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	0.68784	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.21594	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.14497	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.44022	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.82956	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.55636	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.45997	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.08563	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.97244	ND	2.20	mg/kg	

N = 27

------- Method=Drganics Analyte=4-Nitroquinoline-N-oxide -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.91222	ND	3.6	mg/kg	
Holloman 4 Sites	SW827D	S	.	2.87121	ND	3.3	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32940	ND	3.3	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW827D	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	

------- Method=Organics Analyte=4-Nitroquinoline-N-oxide -------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	

N = 27

--------- Method=Organics Analyte=5-Nitro-o-toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.00739	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.16503	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14784	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12083	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23442	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19680	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.23135	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13144	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41620	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.24889	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17824	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19209	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.17413	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23366	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.22868	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19496	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16225	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36644	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.05725	ND	0.39	mg/kg	

--------- Method=Organics Analyte=5-Nitro-o-toluidine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.13639	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00238	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30749	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02447	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26760	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.00959	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.36739	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25004	ND	0.46	mg/kg	

N = 27

--- Method=Organics Analyte=7,12-Dimethylbenz(a)-anthracene ----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.34866	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37904	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16794	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22637	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20233	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38266	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.39812	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39555	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16068	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.12775	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33659	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.11176	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.07164	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00144	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17605	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.12760	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03097	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.06631	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39386	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21530	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34873	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36546	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.29699	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04665	ND	0.46	mg/kg	

N = 24

---- Method=Organics Analyte=7,12-Dimethylbenz(a)anthracene ----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.15235	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22167	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08759	ND	0.41	mg/kg	

N = 3

---------- Method=Organics Analyte=Acenaphthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.24488	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.02140	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36699	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06618	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13237	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34115	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.19646	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19692	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40767	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.07110	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39027	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14784	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.28992	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07150	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.39062	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.11863	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.12878	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28133	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.02626	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.16037	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01096	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35504	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23949	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19092	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.32777	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.21516	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22378	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Acenaphthylene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35825	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10856	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.30001	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30765	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14629	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19426	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25187	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12952	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08773	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.26466	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01031	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36949	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.31697	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20321	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27110	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.35531	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05013	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13855	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.27331	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12574	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34897	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06335	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17290	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19690	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.09346	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.35696	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26254	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Acetone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.12745	ND	0.13	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.06070	ND	0.12	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.08173	ND	0.12	mg/kg	

N = 3

---------- Method=Organics Analyte=Acetonitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.00052	ND	0.13	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.10263	ND	0.12	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.00501	ND	0.12	mg/kg	

N = 3

---------- Method=Organics Analyte=Acetophenone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40386	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15394	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36869	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08253	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31906	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38833	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.07914	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25303	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12692	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.14397	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39079	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12172	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30360	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31324	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.00526	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.31144	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39165	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14669	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.27319	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.21962	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31026	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15647	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09768	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35856	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36679	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.35343	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00595	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Acrolein ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.035267	ND	0.100	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.000512	ND	0.091	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.082497	ND	0.091	mg/kg	

N = 3

---------- Method=Organics Analyte=Acrylonitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.030934	ND	0.067	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.052441	ND	0.061	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.044160	ND	0.061	mg/kg	

N = 3

---------- Method=Organics Analyte=Aniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.008700	ND	0.009	mg/kg	
SWMU 231	SOP-427	S	.	0.004655	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.008325	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	0.0830	0.083000	DET	0.010	mg/kg	
SWMU 231	SOP-427	S	0.0488	0.048800	DET	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.006186	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005988	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005483	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005162	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.001284	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.006024	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005549	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005036	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.002212	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.005480	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.008814	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.001152	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.001500	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.007896	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.007570	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.007309	ND	0.010	mg/kg	

---------- Method=Organics Analyte=Aniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00789	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00285	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00563	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00022	ND	0.009	mg/kg	
SWMU 231	SOP-427	S	.	0.00353	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00041	ND	0.009	mg/kg	
SWMU 231	SOP-427	S	.	0.00381	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00652	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00093	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00415	ND	0.009	mg/kg	
SWMU 231	SOP-427	S	.	0.00942	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00911	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00567	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00633	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00561	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00512	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00379	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.00500	ND	0.010	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17693	ND	0.440	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10836	ND	0.410	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40372	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.19849	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.36837	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.39760	ND	0.450	mg/kg	
SWMU 231	SW8270	S	.	0.31791	ND	0.400	mg/kg	
SWMU 231	SW8270	S	.	0.01884	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.38689	ND	0.450	mg/kg	
SWMU 231	SW8270	S	.	0.30012	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.15024	ND	0.400	mg/kg	
SWMU 231	SW8270	S	.	0.32692	ND	0.420	mg/kg	
SWMU 231	SW8270	S	.	0.06794	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.15060	ND	0.390	mg/kg	
SWMU 231	SW8270	S	.	0.38702	ND	0.440	mg/kg	
SWMU 231	SW8270	S	.	0.21842	ND	0.380	mg/kg	
SWMU 231	SW8270	S	.	0.10813	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.01053	ND	0.470	mg/kg	
SWMU 231	SW8270	S	.	0.18930	ND	0.390	mg/kg	
SWMU 231	SW8270	S	.	0.16112	ND	0.380	mg/kg	
SWMU 231	SW8270	S	.	0.17836	ND	0.410	mg/kg	
SWMU 231	SW8270	S	.	0.16981	ND	0.400	mg/kg	
SWMU 231	SW8270	S	.	0.25989	ND	0.400	mg/kg	
SWMU 231	SW8270	S	.	0.27149	ND	0.440	mg/kg	
SWMU 231	SW8270	S	.	0.16688	ND	0.370	mg/kg	
SWMU 231	SW8270	S	.	0.00468	ND	0.400	mg/kg	
SWMU 231	SW8270	S	.	0.07894	ND	0.460	mg/kg	

N = 66

---------- Method=Organics Analyte=Anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.26892	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14640	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39370	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38372	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36576	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17483	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22808	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38677	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32882	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25346	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10773	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39505	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.06494	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09258	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.38632	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.35793	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11249	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31503	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.19920	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.31485	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21592	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18605	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34387	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14262	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.10567	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.07668	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17307	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Antimony ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7041	S	.	0.05471	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.06149	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.10750	ND	1	mg/kg	
SWMU 231	SW7041	S	0.3	0.30000	DET	1	mg/kg	J
SWMU 231	SW7041	S	.	0.18643	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.08578	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.00902	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.11661	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.12976	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.15542	ND	1	mg/kg	

---------- Method=Organics Analyte=Antimony ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7041	S	.	0.04073	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.20249	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.08662	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.18322	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.11937	ND	1	mg/kg	
SWMU 231	SW7041	S	0.23	0.23000	DET	1	mg/kg	J
SWMU 231	SW7041	S	0.28	0.28000	DET	1	mg/kg	J
SWMU 231	SW7041	S	0.22	0.22000	DET	1	mg/kg	J
SWMU 231	SW7041	S	.	0.16647	ND	1	mg/kg	
SWMU 231	SW7041	S	0.24	0.24000	DET	1	mg/kg	J
SWMU 231	SW7041	S	.	0.08795	ND	1	mg/kg	
SWMU 231	SW7041	S	0.24	0.24000	DET	1	mg/kg	J
SWMU 231	SW7041	S	.	0.21938	ND	1	mg/kg	
SWMU 231	SW7041	S	.	0.04942	ND	1	mg/kg	

N = 24

---------- Method=Organics Analyte=Aramite ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.00911	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00455	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17800	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23473	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17659	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10092	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.05170	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13712	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05137	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.12112	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28908	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02926	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.34903	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18841	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02395	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18103	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05438	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12736	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.18669	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.23216	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29433	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27486	ND	0.40	mg/kg	

---------- Method=Organics Analyte=Aramite ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.06713	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01635	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20752	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.36707	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23193	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Benzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	0.029376	ND	0.0400	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.018679	ND	0.0370	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.013594	ND	0.0370	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.000406	ND	0.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.000397	ND	0.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.00041	0.000410	DET	0.0061	mg/kg	J

N = 6

---------- Method=Organics Analyte=Benzo(a)anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03915	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40409	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24594	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00868	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07817	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04116	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.04117	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13165	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30488	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34378	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30426	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10749	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.06652	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06459	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.40997	ND	0.44	mg/kg	

---------- Method=Organics Analyte=Benzo(a)anthracene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.09923	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21723	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11803	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23179	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.07909	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.26285	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05957	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35609	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11753	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.29667	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.15465	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07648	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Benzo(a)pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.11996	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34133	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04046	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25888	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04709	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10066	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36175	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19141	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12397	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00203	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17436	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15365	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.37871	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25209	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.09080	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.00632	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25694	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11632	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.02960	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.08325	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18780	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00159	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34202	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01893	ND	0.44	mg/kg	

---------- Method=Organics Analyte=Benzo(a)pyrene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.01201	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.09664	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19725	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Benzo(b)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03894	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20985	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04235	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37851	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29945	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12006	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28445	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17956	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08939	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37218	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38043	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22836	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.24616	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27765	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04775	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02080	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.24484	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15914	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.27629	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02315	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.13518	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07442	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09217	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14156	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.21782	NO	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.28826	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06067	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Benzo(g,h,i)perylene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.28835	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.11045	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.26889	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39233	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32694	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26954	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25163	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14201	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31785	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25824	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22455	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00381	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30135	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27985	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36521	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.16619	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.07128	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14242	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.35560	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.18600	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29255	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24061	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17113	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07804	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.05656	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.35285	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04312	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Benzo(k)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14245	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00900	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01249	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02382	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34930	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26351	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01651	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04171	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12959	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00558	ND	0.41	mg/kg	

--------- Method=Organics Analyte=Benzo(k)fluoranthene ---------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.19039	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32008	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.06362	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31229	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27074	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01042	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.22964	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11272	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.07919	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.22336	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25765	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11529	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37440	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31318	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36481	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.28448	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39848	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Benzyl alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14459	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40361	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39672	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22908	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10280	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21197	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36479	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10591	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28425	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34922	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21520	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20885	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.21222	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13245	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.28448	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19227	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.35133	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42682	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.20598	ND	0.39	mg/kg	

---------- Method=Organics Analyte=Benzyl alcohol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.14638	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.10712	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07063	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01287	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28518	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.09276	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.24226	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16171	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Bromodichloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0000534	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0031852	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0021974	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Bromomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0024564	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0027642	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007111	ND	0.012	mg/kg	

N = 3

--------- Method=Organics Analyte=Butylbenzylphthalate ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40474	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.26865	ND	0.41	mg/kg	

--------- Method=Organics Analyte=Butylbenzylphthalate ---------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.37440	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27825	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17796	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15711	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37197	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32235	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21006	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25491	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21412	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10071	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.30355	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23339	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04605	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.25577	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31306	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13303	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.18652	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.26576	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25481	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13194	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20064	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21019	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26595	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.08969	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05776	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Carbon disulfide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0021605	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0025214	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007957	ND	.0061	mg/kg	

N = 3

--------- Method=Organics Analyte=Carbon tetrachloride ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0020490	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0040300	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0033407	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Chlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0008704	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004525	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.0017	.0017000	DET	.0061	mg/kg	JB

N = 3

---------- Method=Organics Analyte=Chlorobenzilate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.19422	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29411	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32096	ND	0.41	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0015718	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0057885	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0045696	ND	0.012	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloroform ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0013860	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0038351	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0011071	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloromethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.008791	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.011618	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.007072	ND	0.012	mg/kg	

N = 3

---------- Method=Organics Analyte=Chrysene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.34798	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08989	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39709	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39065	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26673	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.42199	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25657	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34836	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13264	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.19589	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16849	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10002	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.11422	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36030	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.15832	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36271	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.26305	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24201	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.34299	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.15085	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.23979	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Chrysene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.32871	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25975	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.18925	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18639	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.38476	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04315	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Di-n-butylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.33108	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09701	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04340	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08106	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31675	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38545	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02139	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07074	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33611	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.35445	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31142	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09369	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.36167	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22943	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43784	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26187	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29279	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05553	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.36032	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.19884	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21332	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39688	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17682	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02055	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19472	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.00671	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22300	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Di-n-octylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.12129	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10012	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25863	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12285	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14942	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22487	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06298	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04335	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01307	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02549	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18897	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30096	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.16445	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06195	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04172	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20589	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11967	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28498	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.04659	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27348	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21244	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02168	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23074	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22963	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12428	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.26445	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33960	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Diallate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35358	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10562	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20618	ND	0.41	mg/kg	

N = 3

-------- Method=Organics Analyte=Dibenz(a,h)anthracene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.16617	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25590	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.23856	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36251	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14030	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05569	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.38616	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14150	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39404	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.20281	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13603	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25525	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.31830	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22842	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02415	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.24282	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.13327	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43757	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.28867	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02567	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.30402	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25965	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24933	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01294	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04042	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.38703	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07319	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Dibenzofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.30216	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.26876	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20798	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15526	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05251	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39098	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00162	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23753	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23123	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06419	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Dibenzofuran ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.18095	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.40956	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.18232	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01402	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43390	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34785	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.17046	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20141	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.07207	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.06296	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.17358	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33891	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28471	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.42640	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.05034	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.17317	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.44327	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Dibromochloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0031970	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0001562	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0042042	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Dibromomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0019201	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0043237	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0024429	ND	.0061	mg/kg	

N = 3

------- Method=Organics Analyte=Dichlorodifluoromethane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.012382	ND	0.027	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.023248	ND	0.024	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.011302	ND	0.024	mg/kg	

N = 3

---------- Method=Organics Analyte=Diesel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	2.6	2.6	DET	3	mg/kg	JBG
Holloman 4 Sites	SW8015ME	S	3.5	3.5	DET	3	mg/kg	GBI
Holloman 4 Sites	SW8015ME	S	3.5	3.5	DET	3	mg/kg	GBI

N = 3

---------- Method=Organics Analyte=Diethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.26392	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03517	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14809	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25014	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22587	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.44441	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.13618	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12869	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36802	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.13275	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07539	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11500	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.16351	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29773	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43900	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.05157	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.22897	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04229	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.26628	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.31213	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.08376	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Diethylphthalate ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.21774	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15852	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07024	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.28047	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.20986	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38147	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=Dimethylphenethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.98055	ND	5.30	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.30499	ND	4.90	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.96504	ND	4.90	mg/kg	
SWMU 231	SW8270	S	.	0.33329	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01847	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37097	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.33061	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12159	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36960	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.40808	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09755	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06997	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.00044	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32059	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27368	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13748	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.12724	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16818	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23456	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03371	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16389	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25802	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21777	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12845	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.28002	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.17615	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11328	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Dimethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.36488	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.30906	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.23750	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25249	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23283	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07011	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.39869	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06159	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17255	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01234	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30581	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37536	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.08802	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01271	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.11521	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.07920	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.07511	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08925	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.16568	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.26948	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.13478	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27205	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35772	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.41648	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.27926	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.31905	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37564	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Diphenylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.23318	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32551	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22586	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04788	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35617	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32419	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.08921	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06326	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00176	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.14279	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Diphenylamine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.19745	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19322	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.21282	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01964	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.08863	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01258	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.29046	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27155	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.01014	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.16900	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11645	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02083	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00574	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.40188	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.00049	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.04693	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31543	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Ethyl benzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.00034	.00034000	DET	.0067	mg/kg	JB
Holloman 4 Sites	SW8240	S	.	.00012583	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.00032	.00032000	DET	.0061	mg/kg	JB

N = 3

---------- Method=Organics Analyte=Ethyl methacrylate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.014387	ND	0.020	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.016402	ND	0.018	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.002130	ND	0.018	mg/kg	

N = 3

-------- Method=Organics Analyte=Ethyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.41767	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00812	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18321	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01230	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18698	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41326	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.23700	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16922	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28166	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.16478	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20786	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01329	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.08099	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09942	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.39652	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12860	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31999	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23423	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.06363	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.25854	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.35445	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02955	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12655	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19623	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19510	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.03334	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10745	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Ethylbenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	0.017372	ND	0.040	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.008346	ND	0.037	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.011628	ND	0.037	mg/kg	

N = 3

---------- Method=Organics Analyte=Fluoranthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40937	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10552	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.30909	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13905	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30283	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01734	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28835	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19357	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13203	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25038	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37461	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13512	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.29198	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00412	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27892	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.35791	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11146	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20574	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.36099	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.16359	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.02577	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29274	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26973	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04653	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13591	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.34714	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.41586	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Fluorene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.06128	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29919	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22752	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18897	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31640	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07917	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17766	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39347	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20452	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.20571	ND	D.41	mg/kg	

---------- Method=Organics Analyte=Fluorene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.11742	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34465	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.37372	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27121	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.23780	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20301	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00886	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36089	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.37235	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.10966	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.28325	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20671	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05085	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.41268	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02661	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.31919	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.43641	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Furfuryl Alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0069528	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0057415	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0056276	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0035255	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0067847	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0026082	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0074170	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0099590	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0029475	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0053422	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0073628	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0097654	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0036954	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0046288	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0069595	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0072436	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0005779	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0070483	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0032184	ND	0.01	mg/kg	

---------- Method=Organics Analyte=Furfuryl Alcohol ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0033525	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0064589	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0086749	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0012253	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0067512	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0094295	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0085010	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0050872	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0080734	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0002948	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0021790	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0039170	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0092193	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0041095	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0032423	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0098867	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0045318	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0001286	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0075835	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	.0009664	ND	0.01	mg/kg	

N = 39

---------- Method=Organics Analyte=Gasoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	0.36573	ND	6.6	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	5.74246	ND	6.1	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	1.59199	ND	6.2	mg/kg	

N = 3

---------- Method=Organics Analyte=Hexachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35073	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14464	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01608	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Hexachlorobenzene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.17309	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07979	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00999	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06798	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31953	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04269	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25808	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32473	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00268	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.39595	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23756	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.43540	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.27503	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.40619	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29858	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.35038	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01996	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39430	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02674	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33630	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28480	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.14919	NO	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.08270	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32310	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=Hexachlorobutadiene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.43098	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01211	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.35251	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31223	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.16691	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13025	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01319	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28538	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14699	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02544	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24937	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20697	ND	0.42	mg/kg	

--------- Method=Organics Analyte=Hexachlorobutadiene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.36270	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34245	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.18304	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13567	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16085	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35671	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.13406	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03390	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.17307	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08538	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09602	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01901	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36841	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.10446	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17488	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=Hexachlorocyclopentadiene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03931	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.21043	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.13171	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37401	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33082	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06096	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22795	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08726	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38585	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28045	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21851	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33352	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.28474	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04765	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.13713	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.08782	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01427	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07987	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.07389	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.11281	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.38761	ND	0.41	mg/kg	

------ Method=Organics Analyte=Hexachlorocyclopentadiene -------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.16641	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35791	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38886	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18399	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.31009	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33723	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Hexachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.12688	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29927	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00221	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06900	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27689	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22689	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.12155	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19610	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14618	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00667	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03159	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16113	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.13300	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38595	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.07592	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.33679	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19445	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01777	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.10510	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.01143	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31295	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29995	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31254	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17580	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34520	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.21709	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07231	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Hexachlorophene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	30.4489	ND	89	mg/kg	
Holloman 4 Sites	SW8270	S	.	57.0488	ND	81	mg/kg	
Holloman 4 Sites	SW8270	S	.	23.4698	ND	81	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	

N = 27

---------- Method=Organics Analyte=Hexachloropropene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.03941	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32854	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10101	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20188	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15491	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12660	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00547	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03727	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40657	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28473	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Hexachloropropene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.12943	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12132	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.18197	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00687	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.31226	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.33112	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18686	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14780	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.34931	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.32859	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.24111	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36638	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39503	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24525	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34507	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.24177	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31684	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=Indeno(1,2,3-cd)pyrene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.31650	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40319	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01181	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34196	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06686	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34506	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.16602	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31050	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32382	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37175	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03258	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35354	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.34926	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21998	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03772	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18880	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.10246	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28532	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.29181	ND	0.39	mg/kg	

-------- Method=Organics Analyte=Indeno(1,2,3-cd)pyrene --------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.16985	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.14151	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11977	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34385	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.42002	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.04103	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.37352	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38183	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Iodomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0062376	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0059295	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0006854	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Isophorone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.12407	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12800	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09042	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12005	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40481	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21808	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37448	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11558	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05100	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37910	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04382	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29266	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.31016	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03892	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04590	ND	0.44	mg/kg	

---------- Method=Organics Analyte=Isophorone ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.00810	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11703	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.45132	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.03281	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36335	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18267	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04248	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08762	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02247	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.25854	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.39013	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30329	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Isosafrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.28277	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.02230	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15577	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.78665	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.57723	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.57023	ND	0.90	mg/kg	
SWMU 231	SW8270	S	.	0.07696	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.50151	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.51699	ND	0.91	mg/kg	
SWMU 231	SW8270	S	.	0.12940	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.26689	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.73097	ND	0.85	mg/kg	
SWMU 231	SW8270	S	.	0.51013	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.55611	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.59135	ND	0.87	mg/kg	
SWMU 231	SW8270	S	.	0.45229	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.29266	ND	0.83	mg/kg	
SWMU 231	SW8270	S	.	0.50405	ND	0.94	mg/kg	
SWMU 231	SW8270	S	.	0.39837	ND	0.78	mg/kg	
SWMU 231	SW8270	S	.	0.54394	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.09492	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.34322	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.73114	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.44475	ND	0.89	mg/kg	

---------- Method=Organics Analyte=Isosafrole ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.28047	ND	0.74	mg/kg	
SWMU 231	SW8270	S	.	0.37314	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.06657	ND	0.91	mg/kg	

N = 27

---------- Method=Organics Analyte=Jet fuel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	.	5.83137	ND	6.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	5.98621	ND	6.1	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	5.99069	ND	6.1	mg/kg	

N = 3

---------- Method=Organics Analyte=Kerosene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	.	2.02932	ND	6.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	0.49920	ND	6.1	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	5.70493	ND	6.1	mg/kg	

N = 3

---------- Method=Organics Analyte=Methapyriline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.75886	ND	2.20	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.84596	ND	2.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.02023	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.15875	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17689	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28940	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06336	ND	0.40	mg/kg	

---------- Method=Organics Analyte=Methapyriline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.25249	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05971	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.10622	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11668	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22749	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.15412	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04701	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.20207	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.31157	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.13567	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14979	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.30750	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.19868	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11673	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31001	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06517	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09511	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.29525	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.25206	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.45727	ND	0.46	mg/kg	

N = 27

--- Method=Organics Analyte=Methyl ethyl ketone (2-Butanone) ---

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.09D38	ND	0.13	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.10417	ND	0.12	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.05500	ND.	0.12	mg/kg	

N = 3

--------- Method=Organics Analyte=Methyl methacrylate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.011458	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.004229	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.004181	ND	0.012	mg/kg	

N = 3

------- Method=Organics Analyte=Methyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.10300	ND	2.20	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.47736	ND	2.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.47092	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.09450	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01041	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00937	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01384	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14415	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03345	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.19293	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08546	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04489	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.04521	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10690	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36574	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.10641	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.15818	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01441	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.35842	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.23819	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.14669	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34424	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.20071	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25501	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.07798	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.20569	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30068	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Methylene chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.0015	.0015	DET	.0067	mg/kg	J
Holloman 4 Sites	SW8240	S	.0028	.0028	DET	.0061	mg/kg	J
Holloman 4 Sites	SW8240	S	.0019	.0019	DET	.0061	mg/kg	JB

N = 3

------ Method=Organics Analyte=N-Nitroso-di-n-butylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.23569	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.05952	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29159	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39924	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35269	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37661	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00877	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37243	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04869	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.01015	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01088	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07707	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.17596	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38369	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.36493	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.36711	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.28212	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11449	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.04524	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04485	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05296	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09897	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.28388	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12813	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18147	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.12789	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.29895	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=N-Nitroso-di-n-propylamine ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.04314	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03177	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12757	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.18045	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.27238	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41654	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.29281	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39999	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26186	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.31257	ND	0.41	mg/kg	

------ Method=Organics Analyte=N-Nitroso-di-n-propylamine ------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.33590	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.37510	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34408	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.40297	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01663	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.34885	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.07695	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34658	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12062	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00348	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04015	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.23481	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.34816	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01050	ND	0.46	mg/kg	

N = 24

-------- Method=Organics Analyte=N-Nitrosodiethylamine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.05947	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09321	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09882	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09852	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35058	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29159	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36158	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36044	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25436	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17417	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18092	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.04394	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.01469	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35741	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.26808	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.27964	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.06422	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10922	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.38924	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.04752	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34317	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00460	ND	0.40	mg/kg	

-------- Method=Organics Analyte=N-Nitrosodiethylamine ---------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.24866	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06235	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.25997	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.23028	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.19603	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=N-Nitrosodimethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.26199	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.31352	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.38322	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37834	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15354	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08772	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.10774	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38046	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00956	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25284	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21044	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34345	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.03697	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29691	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12118	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.33343	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19462	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12818	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.32475	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.00389	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.24324	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11356	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30054	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17748	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.09520	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.34803	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.43792	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=N-Nitrosodiphenylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14527	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32799	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29740	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05027	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23684	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34118	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28226	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25171	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40706	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.38592	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20429	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.27710	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.40770	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22541	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.19629	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.27816	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.09552	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01448	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.19473	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.37163	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.02615	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08323	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13260	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08077	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.16551	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.22419	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02585	ND	0.46	mg/kg	

N = 27

-------- Method=Organics Analyte=N-Nitrosodipropylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.22047	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10557	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.13070	ND	0.41	mg/kg	

N = 3

------ Method=Organics Analyte=N-Nitrosomethylethylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.40281	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04230	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.05193	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30080	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21738	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06733	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02911	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.27989	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40899	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.31483	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10125	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01149	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.06884	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27815	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.30983	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.06513	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25512	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.24782	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.08733	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12033	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25914	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36363	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34893	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06238	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.02485	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.18489	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15223	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=N-Nitrosomorpholine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.02920	ND	0.89	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.18866	ND	0.81	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06130	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.29616	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08113	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34095	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37065	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06583	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07035	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36939	ND	0.41	mg/kg	

--------- Method=Organics Analyte=N-Nitrosomorpholine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.00471	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21118	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.15456	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04387	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.40598	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13171	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11971	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08435	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.35200	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.15139	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34467	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30067	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.24754	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06826	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.17447	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.19278	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07354	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=N-Nitrosopiperidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.27597	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.31585	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03738	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29101	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06654	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.29859	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.12047	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31300	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39014	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.38928	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27994	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01772	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.17576	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05553	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.32414	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.34062	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.03244	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.44636	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.13337	ND	0.39	mg/kg	

--------- Method=Organics Analyte=N-Nitrosopiperidine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.27349	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05700	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04538	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35353	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34189	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19023	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.04130	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12357	ND	0.46	mg/kg	

N = 27

--------- Method=Organics Analyte=N-Nitrosopyrrolidine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.38372	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25709	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24740	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01959	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26648	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02422	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25357	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21762	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40577	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.32968	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12452	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10632	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.21743	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38596	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.32263	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19692	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.08197	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21301	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.28203	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.19760	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.33888	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13702	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15937	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.09786	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.08181	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.05977	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14140	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Naphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.05296	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34116	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00808	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01895	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05661	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00286	ND	0.45	mg/kg	
SWMU 231	SW8270	S	0.057	0.05700	DET	0.40	mg/kg	J
SWMU 231	SW8270	S	1.500	1.50000	DET	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00325	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00574	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05237	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01130	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.00539	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01570	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.03321	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.00150	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00773	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01758	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.04549	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02915	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.00226	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02517	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03301	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.05138	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.01580	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.02705	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00456	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Nitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.10302	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19219	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.23079	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11666	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22478	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37441	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.34210	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34476	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43901	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.20098	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Nitrobenzene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.11692	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.18669	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.25546	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32661	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.42845	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.21870	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.36357	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04933	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23106	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.30596	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05680	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22739	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15233	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.40400	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.21851	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.12239	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.45478	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Pentachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.19347	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01469	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06118	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19308	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19411	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22877	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.31966	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33105	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06783	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.13968	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35319	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22080	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.28557	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17882	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.15103	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19556	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21989	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14554	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.22303	ND	0.39	mg/kg	

---------- Method=Organics Analyte=Pentachlorobenzene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.14394	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.25075	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.10801	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15867	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.42593	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.10600	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.03706	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23996	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Pentachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.13260	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22886	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.09009	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23220	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07135	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.04653	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17960	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16776	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30344	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.33581	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20414	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.14087	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.18631	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17446	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.08436	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19082	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.32204	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.35203	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.19343	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.27751	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01376	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14746	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17533	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35214	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19412	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.33869	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22716	ND	0.46	mg/kg	

N = 27

------- Method=Organics Analyte=Pentachloronitrobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14060	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19294	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.21569	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	1.54815	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.85531	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.75269	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.48548	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.15902	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.32434	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.86229	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.47323	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.26838	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.47029	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.06788	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.54725	ND	2.10	mg/kg	
SWMU 231	SW8270	S	.	0.37711	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	1.21852	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.05829	ND	2.30	mg/kg	
SWMU 231	SW8270	S	.	1.56736	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.50001	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	1.07981	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.01790	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	0.50093	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.81795	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.87283	ND	1.80	mg/kg	
SWMU 231	SW8270	S	.	0.59969	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.67310	ND	2.20	mg/kg	

N = 27

---------- Method=Organics Analyte=Pentachlorophenol -----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.06606	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19354	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14520	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.59172	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.10702	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	0.52465	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	1.36849	ND	1.90	mg/kg	
SWMU 231	SW8270	S	.	1.41019	ND	2.00	mg/kg	
SWMU 231	SW8270	S	.	1.79697	ND	2.20	mg/kg	
SWMU 231	SW8270	S	.	0.71577	ND	2.00	mg/kg	

---------- Method=Organics Analyte=Pentachlorophenol -----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	1.17574	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.95329	ND	2.1	mg/kg	
SWMU 231	SW8270	S	.	0.90448	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	0.59052	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.02826	ND	2.1	mg/kg	
SWMU 231	SW8270	S	.	0.95639	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.89206	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	1.30164	ND	2.3	mg/kg	
SWMU 231	SW8270	S	.	0.97435	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.04600	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.36646	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	1.85968	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	0.23052	ND	1.9	mg/kg	
SWMU 231	SW8270	S	.	1.39341	ND	2.2	mg/kg	
SWMU 231	SW8270	S	.	1.53998	ND	1.8	mg/kg	
SWMU 231	SW8270	S	.	0.17385	ND	2.0	mg/kg	
SWMU 231	SW8270	S	.	1.12541	ND	2.2	mg/kg	

N = 27

---------- Method=Organics Analyte=Phenacetin ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35759	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.07050	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15597	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01770	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34961	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23224	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02935	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06277	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.33385	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.08533	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11372	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30524	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.39460	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09070	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.15472	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.11853	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18337	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12569	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.23922	ND	0.39	mg/kg	

---------- Method=Organics Analyte=Phenacetin ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.21645	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21309	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32330	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.22688	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36502	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.03513	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.03161	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.21637	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Phenanthrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.01211	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24839	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36329	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01803	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40519	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.41617	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.22422	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31243	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31801	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17193	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31803	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37697	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.17952	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.14404	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.38445	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.14595	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.16168	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26371	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.17498	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.26674	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.11009	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20869	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10862	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.26217	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.11933	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.04893	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08175	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Phenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.27385	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20066	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34206	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40155	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.19741	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20348	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00597	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38481	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40950	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.24661	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03968	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.41807	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.21177	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07610	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.30979	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.11942	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.20001	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.44608	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.28005	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12025	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21415	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.17493	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36272	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.42475	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.12502	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.05738	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.13925	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Pronamide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.41666	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17047	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01918	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01418	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03777	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18968	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.39983	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30448	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22051	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.37492	ND	0.41	mg/kg	

---------- Method=Organics Analyte=Pronamide ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.32369	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17956	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.24453	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30563	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.30391	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.20865	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.05950	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28346	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.08839	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.22837	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.10429	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.39415	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06624	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.30646	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.19175	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.29640	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17419	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Propanenitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.08439	ND	0.13	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.11660	ND	0.12	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.05860	ND	0.12	mg/kg	

N = 3

---------- Method=Organics Analyte=Pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.05326	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.13225	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20564	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.18838	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12186	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13041	ND	0.45	mg/kg	

---------- Method=Organics Analyte=Pyrene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.14913	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25152	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38502	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17068	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09490	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07773	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.05063	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22481	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.12013	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.05336	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.03816	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.02162	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.10112	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.29663	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.20196	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.37504	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.17136	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02863	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.31199	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.00958	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.16058	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Pyridine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.43730	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.07000	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24546	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34663	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.57721	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.53519	ND	0.90	mg/kg	
SWMU 231	SW8270	S	.	0.37744	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.57594	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.41510	ND	0.91	mg/kg	
SWMU 231	SW8270	S	.	0.11727	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.11758	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.49244	ND	0.85	mg/kg	
SWMU 231	SW8270	S	.	0.23582	ND	0.81	mg/kg	
SWMU 231	SW8270	S	.	0.28015	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.03719	ND	0.87	mg/kg	

---------- Method=Drganics Analyte=Pyridine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.27320	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.23219	ND	0.83	mg/kg	
SWMU 231	SW8270	S	.	0.83748	ND	0.94	mg/kg	
SWMU 231	SW8270	S	.	0.09128	ND	0.78	mg/kg	
SWMU 231	SW8270	S	.	0.65376	ND	0.76	mg/kg	
SWMU 231	SW8270	S	.	0.44316	ND	0.82	mg/kg	
SWMU 231	SW8270	S	.	0.70609	ND	0.79	mg/kg	
SWMU 231	SW8270	S	.	0.63548	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.03224	ND	0.89	mg/kg	
SWMU 231	SW8270	S	.	0.35027	ND	0.74	mg/kg	
SWMU 231	SW8270	S	.	0.30919	ND	0.80	mg/kg	
SWMU 231	SW8270	S	.	0.02037	ND	0.91	mg/kg	

N = 27

---------- Method=Organics Analyte=Safrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.00756	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22400	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.35295	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13616	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.28054	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08329	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.10275	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07847	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.43123	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.27935	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25070	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37883	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.22583	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09674	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.42305	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.03069	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.19291	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06330	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.29957	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.17486	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.02017	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05765	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.08679	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00574	ND	0.44	mg/kg	

---------- Method=Organics Analyte=Safrole ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.22326	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.03606	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31524	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=Styrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0003579	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0023238	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0008439	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Tetrachloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0032961	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0014642	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0041228	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Tetrahydrofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-426	S	.	.0055380	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	.0030204	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	.0031844	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	.0012879	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	.0058286	ND	.006	mg/kg	
SWMU 231	SDP-426	S	.	.0018905	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	.0046528	ND	.006	mg/kg	

---------- Method=Organics Analyte=Tetrahydrofuran ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-426	S	.	0.002736	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003715	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001206	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001899	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003989	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000917	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.002978	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003879	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.002386	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001404	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003265	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001421	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.005137	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000496	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000955	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004726	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003961	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000135	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004478	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000793	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001807	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004186	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000739	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.005865	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004394	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.005146	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003137	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003162	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.002362	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.002780	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001084	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000777	ND	.006	mg/kg	
Holloman 4 Sites	SW8240	S	0.008	0.008000	DET	.	mg/kg	
Holloman 4 Sites	SW8240	S	0.011	0.011000	DET	.	mg/kg	

N = 41

---------- Method=Organics Analyte=Toluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.0069	.0069	DET	0.040	mg/kg	J@
Holloman 4 Sites	SW8015MP	S	.0044	.0044	DET	0.037	mg/kg	J

---------- Method=Organics Analyte=Toluene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.0065	.0065000	DET	0.0370	mg/kg	J
Holloman 4 Sites	SW8240	S	.	.0005933	ND	0.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0006266	ND	0.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.0011	.0011000	DET	0.0061	mg/kg	J

N = 6

---------- Method=Organics Analyte=Total xylenes ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	.0038759	ND	0.066	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	.0014560	ND	0.061	mg/kg	
Holloman 4 Sites	SW8015MP	S	.0067	.0067000	DET	0.062	mg/kg	J

N = 3

------ Method=Organics Analyte=Tribromomethane(Bromoform) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0014913	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0043901	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0021334	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Trichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0062032	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0008874	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0023289	ND	.0061	mg/kg	

N = 3

-------- Method=Organics Analyte=Trichlorofluoromethane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0058565	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0073217	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0025346	ND	0.012	mg/kg	

N = 3

---------- Method=Organics Analyte=Vinyl acetate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0045409	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004230	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0048489	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=Vinyl chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0037025	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0078092	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0025201	ND	0.012	mg/kg	

N = 3

---------- Method=Organics Analyte=Xylenes ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.00120	.00120	DET	.0067	mg/kg	JB
Holloman 4 Sites	SW8240	S	.00065	.00065	DET	.0061	mg/kg	JB
Holloman 4 Sites	SW8240	S	.00062	.00062	DET	.0061	mg/kg	JB

N = 3

------ Method=Organics Analyte=bis(2-Chloroethoxy)methane ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.18392	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40012	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.05700	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00603	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11936	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01068	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.28157	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10842	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.32932	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.25619	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.01632	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36918	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.36385	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08516	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.26881	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.31714	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.38743	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08747	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.08319	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.16773	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01258	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30419	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.02632	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.33458	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.13030	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.33565	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31754	ND	0.46	mg/kg	

N = 27

------- Method=Organics Analyte=bis(2-Chloroethyl) ether -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.43863	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.27896	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22720	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34930	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.21222	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40422	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.00815	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03374	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11754	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.17044	ND	0.41	mg/kg	

------- Method=Organics Analyte=bis(2-Chloroethyl) ether -------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.28368	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32882	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.38891	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03322	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.13981	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.05617	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.01826	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08468	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.06349	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.02431	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18286	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23712	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.10316	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39834	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.00753	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.06126	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39733	ND	0.46	mg/kg	

N = 27

----- Method=Organics Analyte=bis(2-Chloroisopropyl)ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.31714	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36860	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01999	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34240	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00024	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30557	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.32672	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23473	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23008	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.36028	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.22791	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.38239	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.40419	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.20242	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.41006	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.24251	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.31836	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00142	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.13773	ND	0.39	mg/kg	

----- Method=Organics Analyte=bis(2-Chloroisopropyl)ether ------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	0.12666	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.21277	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.06638	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.31439	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.25836	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.16682	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.15715	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.12914	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=bis(2-Ethylhexyl)phthalate ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.43767	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00847	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00868	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31496	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.25749	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.12194	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.02949	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.06453	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07746	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.23336	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.38917	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.37950	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.09814	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.07641	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.30150	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.14860	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.12145	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.30473	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.33831	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.05747	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.18873	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26007	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.27925	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.39502	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26631	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.24806	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.00770	ND	0.46	mg/kg	

N = 27

------- Method=Organics Analyte=cis-1,3-Dichloropropene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0036374	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0056424	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007024	ND	.0061	mg/kg	

N = 3

---------- Method=Organics Analyte=o-Toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.36782	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10221	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28437	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.36752	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.40438	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.26733	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.32536	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.32481	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.27271	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.40319	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03607	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.11473	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.03688	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.23337	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.07256	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.18384	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39182	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.34172	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.20130	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.22222	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.34885	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.15488	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.01934	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.36680	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.35260	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.29417	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.15602	ND	0.46	mg/kg	

N = 27

------ Method=Organics Analyte=p-Dimethylaminoazobenzene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.35181	ND	0.44	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.31459	ND	0.41	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15887	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.08163	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.05442	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.31304	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.06675	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.34258	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.00603	ND	0.45	mg/kg	
SWMU 231	SW8270	S	.	0.35877	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.09607	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.23152	ND	0.42	mg/kg	
SWMU 231	SW8270	S	.	0.33660	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.13832	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.16585	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.03809	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.39255	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.03902	ND	0.47	mg/kg	
SWMU 231	SW8270	S	.	0.25667	ND	0.39	mg/kg	
SWMU 231	SW8270	S	.	0.34618	ND	0.38	mg/kg	
SWMU 231	SW8270	S	.	0.08742	ND	0.41	mg/kg	
SWMU 231	SW8270	S	.	0.11997	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.35951	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.07758	ND	0.44	mg/kg	
SWMU 231	SW8270	S	.	0.26860	ND	0.37	mg/kg	
SWMU 231	SW8270	S	.	0.02366	ND	0.40	mg/kg	
SWMU 231	SW8270	S	.	0.03927	ND	0.46	mg/kg	

N = 27

---------- Method=Organics Analyte=p-Phenylenediamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.79499	ND	5.3	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.36234	ND	4.9	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.58066	ND	4.9	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	

---------- Method=Organics Analyte=p-Phenylenediamine ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	
SWMU 231	SW8270	S	.	.	ND	.	mg/kg	

N = 27

------- Method=Organics Analyte=trans-1,2-Dichloroethene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0056375	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0032384	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0032635	ND	.0061	mg/kg	

N = 3

------ Method=Organics Analyte=trans-1,3-Dichloropropene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0028202	ND	.0067	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0023589	ND	.0061	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0009806	ND	.0061	mg/kg	

N = 3

----- Method=Organics Analyte=trans-1,4-Dichloro-2-butene ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0091464	ND	0.013	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0028693	ND	0.012	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0092613	ND	0.012	mg/kg	

N = 3

SWMU 231 1
Surface Soil Data

---------- Method=Inorganics Analyte=Aluminum ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	6400	6400	DET	19.0	mg/kg	
Holloman 4 Sites	SW6010	S	7800	7800	DET	18.0	mg/kg	
Holloman 4 Sites	SW6010	S	6600	6600	DET	21.0	mg/kg	
SWMU 231	SW6010	S	7850	7850	DET	23.9	mg/kg	
SWMU 231	SW6010	S	13700	13700	DET	24.1	mg/kg	
SWMU 231	SW6010	S	6410	6410	DET	24.3	mg/kg	
SWMU 231	SW6010	S	14000	14000	DET	10.6	mg/kg	
SWMU 231	SW6010	S	9560	9560	DET	23.1	mg/kg	
SWMU 231	SW6010	S	5980	5980	DET	24.7	mg/kg	
SWMU 231	SW6010	S	7410	7410	DET	23.8	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Arsenic ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7060	S	1.7	1.7	DET	0.38	mg/kg	@
Holloman 4 Sites	SW7060	S	1.9	1.9	DET	0.36	mg/kg	
Holloman 4 Sites	SW7060	S	2.2	2.2	DET	0.40	mg/kg	
SWMU 231	SW7060	S	1.7	1.7	DET	0.60	mg/kg	
SWMU 231	SW7060	S	2.3	2.3	DET	1.20	mg/kg	
SWMU 231	SW7060	S	1.4	1.4	DET	1.20	mg/kg	
SWMU 231	SW7060	S	1.1	1.1	DET	0.53	mg/kg	
SWMU 231	SW7060	S	1.3	1.3	DET	0.58	mg/kg	
SWMU 231	SW7060	S	1.4	1.4	DET	1.20	mg/kg	
SWMU 231	SW7060	S	1.5	1.5	DET	1.20	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Barium ----------

Est.

Data Source	Analytical Method	Lab Matrix	Result	Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	63.0	63.0	DET	0.96	mg/kg	
Holloman 4 Sites	SW6010	S	76.0	76.0	DET	0.89	mg/kg	
Holloman 4 Sites	SW6010	S	65.0	65.0	DET	1.00	mg/kg	
SWMU 231	SW6010	S	61.6	61.6	DET	2.40	mg/kg	
SWMU 231	SW6010	S	108.0	108.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	59.0	59.0	DET	2.40	mg/kg	
SWMU 231	SW6010	S	103.0	103.0	DET	1.10	mg/kg	

---------- Method=Inorganics Analyte=Barium ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	84.7	84.7	DET	2.3	mg/kg	
SWMU 231	SW6010	S	61.1	61.1	DET	2.5	mg/kg	
SWMU 231	SW6010	S	63.7	63.7	DET	2.4	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Beryllium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	0.44	0.44	DET	0.19	mg/kg	@
Holloman 4 Sites	SW6010	S	0.44	0.44	DET	0.18	mg/kg	@
Holloman 4 Sites	SW6010	S	0.31	0.31	DET	0.21	mg/kg	@
SWMU 231	SW6010	S	0.28	0.28	DET	0.48	mg/kg	J
SWMU 231	SW6010	S	0.95	0.95	DET	0.48	mg/kg	
SWMU 231	SW6010	S	0.41	0.41	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.76	0.76	DET	0.21	mg/kg	
SWMU 231	SW6010	S	0.51	0.51	DET	0.46	mg/kg	
SWMU 231	SW6010	S	0.42	0.42	DET	0.49	mg/kg	J
SWMU 231	SW6010	S	0.40	0.40	DET	0.48	mg/kg	J

N = 10

---------- Method=Inorganics Analyte=Cadmium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	0.063	0.06300	DET	0.48	mg/kg	@
Holloman 4 Sites	SW6010	S	0.320	0.32000	DET	0.45	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.420	-0.42000	DET	0.52	mg/kg	@
SWMU 231	SW6010	S	.	0.75518	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.01965	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.96291	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.06275	ND	0.53	mg/kg	
SWMU 231	SW6010	S	.	0.60608	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	0.23717	ND	1.20	mg/kg	
SWMU 231	SW6010	S	.	1.00367	ND	1.20	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Calcium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	170000	170000	DET	390.0	mg/kg	
Holloman 4 Sites	SW6010	S	150000	150000	DET	360.0	mg/kg	
Holloman 4 Sites	SW6010	S	180000	180000	DET	410.0	mg/kg	
SWMU 231	SW6010	S	209000	209000	DET	47.8	mg/kg	
SWMU 231	SW6010	S	132000	132000	DET	48.2	mg/kg	B
SWMU 231	SW6010	S	192000	192000	DET	48.6	mg/kg	B
SWMU 231	SW6010	S	90500	90500	DET	21.2	mg/kg	B
SWMU 231	SW6010	S	146000	146000	DET	46.1	mg/kg	B
SWMU 231	SW6010	S	194000	194000	DET	49.3	mg/kg	B
SWMU 231	SW6010	S	185000	185000	DET	47.7	mg/kg	B

N = 10

---------- Method=Inorganics Analyte=Chromium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	5.9	5.9	DET	0.96	mg/kg	
Holloman 4 Sites	SW6010	S	7.2	7.2	DET	0.89	mg/kg	
Holloman 4 Sites	SW6010	S	5.7	5.7	DET	1.00	mg/kg	
SWMU 231	SW6010	S	5.6	5.6	DET	2.40	mg/kg	
SWMU 231	SW6010	S	11.1	11.1	DET	2.40	mg/kg	
SWMU 231	SW6010	S	4.5	4.5	DET	2.40	mg/kg	
SWMU 231	SW6010	S	12.0	12.0	DET	1.10	mg/kg	
SWMU 231	SW6010	S	7.0	7.0	DET	2.30	mg/kg	
SWMU 231	SW6010	S	4.3	4.3	DET	2.50	mg/kg	
SWMU 231	SW6010	S	5.1	5.1	DET	2.40	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Cobalt ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	2.3	2.3	DET	0.96	mg/kg	@
Holloman 4 Sites	SW6010	S	2.5	2.5	DET	0.89	mg/kg	@
Holloman 4 Sites	SW6010	S	2.1	2.1	DET	1.00	mg/kg	@
SWMU 231	SW6010	S	2.0	2.0	DET	2.40	mg/kg	J
SWMU 231	SW6010	S	5.2	5.2	DET	2.40	mg/kg	
SWMU 231	SW6010	S	2.6	2.6	DET	2.40	mg/kg	
SWMU 231	SW6010	S	5.6	5.6	DET	1.10	mg/kg	

---------- Method=Inorganics Analyte=Cobalt ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	3.6	3.6	DET	2.3	mg/kg	
SWMU 231	SW6010	S	2.9	2.9	DET	2.5	mg/kg	
SWMU 231	SW6010	S	2.3	2.3	DET	2.4	mg/kg	J

N = 10

---------- Method=Inorganics Analyte=Copper ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	5.6	5.6	DET	1.9	mg/kg	@
Holloman 4 Sites	SW6010	S	6.8	6.8	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	4.8	4.8	DET	2.1	mg/kg	@
SWMU 231	SW6010	S	6.1	6.1	DET	4.8	mg/kg	
SWMU 231	SW6010	S	11.1	11.1	DET	4.8	mg/kg	
SWMU 231	SW6010	S	5.3	5.3	DET	4.9	mg/kg	
SWMU 231	SW6010	S	12.8	12.8	DET	2.1	mg/kg	
SWMU 231	SW6010	S	7.8	7.8	DET	4.6	mg/kg	
SWMU 231	SW6010	S	5.6	5.6	DET	4.9	mg/kg	
SWMU 231	SW6010	S	6.0	6.0	DET	4.8	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Iron ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	5300	5300	DET	4.8	mg/kg	
Holloman 4 Sites	SW6010	S	6900	6900	DET	4.5	mg/kg	
Holloman 4 Sites	SW6010	S	5200	5200	DET	5.2	mg/kg	
SWMU 231	SW6010	S	6780	6780	DET	23.9	mg/kg	
SWMU 231	SW6010	S	12500	12500	DET	24.1	mg/kg	
SWMU 231	SW6010	S	5950	5950	DET	24.3	mg/kg	
SWMU 231	SW6010	S	13200	13200	DET	10.6	mg/kg	
SWMU 231	SW6010	S	8860	8860	DET	23.1	mg/kg	
SWMU 231	SW6010	S	5340	5340	DET	24.7	mg/kg	
SWMU 231	SW6010	S	6410	6410	DET	23.8	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Lead ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc. (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7421	S	2.10	2.10	DET	0.29	mg/kg	
Holloman 4 Sites	SW7421	S	5.60	5.60	DET	1.10	mg/kg	
Holloman 4 Sites	SW7421	S	2.00	2.00	DET	0.30	mg/kg	
SWMU 231	SW7421	S	6.10	6.10	DET	6.00	mg/kg	
SWMU 231	SW7421	S	2.70	2.70	DET	6.00	mg/kg	J
SWMU 231	SW7421	S	0.95	0.95	DET	2.40	mg/kg	J
SWMU 231	SW7421	S	9.80	9.80	DET	10.60	mg/kg	J
SWMU 231	SW7421	S	2.10	2.10	DET	5.80	mg/kg	J
SWMU 231	SW7421	S	0.96	0.96	DET	2.50	mg/kg	J
SWMU 231	SW7421	S	0.95	0.95	DET	2.40	mg/kg	J

N = 10

---------- Method=Inorganics Analyte=Magnesium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	4300	4300	DET	96.0	mg/kg	
Holloman 4 Sites	SW6010	S	6300	6300	DET	89.0	mg/kg	
Holloman 4 Sites	SW6010	S	5600	5600	DET	100.0	mg/kg	
SWMU 231	SW6010	S	5520	5520	DET	47.8	mg/kg	
SWMU 231	SW6010	S	12300	12300	DET	48.2	mg/kg	
SWMU 231	SW6010	S	5100	5100	DET	48.6	mg/kg	
SWMU 231	SW6010	S	10400	10400	DET	21.2	mg/kg	
SWMU 231	SW6010	S	8030	8030	DET	46.1	mg/kg	
SWMU 231	SW6010	S	6500	6500	DET	49.3	mg/kg	
SWMU 231	SW6010	S	6510	6510	DET	47.7	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Manganese ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	120	120	DET	0.96	mg/kg	
Holloman 4 Sites	SW6010	S	170	170	DET	0.89	mg/kg	
Holloman 4 Sites	SW6010	S	110	110	DET	1.00	mg/kg	
SWMU 231	SW6010	S	135	135	DET	2.40	mg/kg	
SWMU 231	SW6010	S	317	317	DET	2.40	mg/kg	
SWMU 231	SW6010	S	138	138	DET	2.40	mg/kg	
SWMU 231	SW6010	S	345	345	DET	1.10	mg/kg	

---------- Method=Inorganics Analyte=Manganese ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	217	217	DET	2.3	mg/kg	
SWMU 231	SW6010	S	126	126	DET	2.5	mg/kg	
SWMU 231	SW6010	S	145	145	DET	2.4	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Mercury ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7471	S	-0.058	-0.05800	DET	0.052	mg/kg	@
Holloman 4 Sites	SW7471	S	-0.049	-0.04900	DET	0.052	mg/kg	@
Holloman 4 Sites	SW7471	S	-0.071	-0.07100	DET	0.058	mg/kg	@
SWMU 231	SW7471	S	.	0.01480	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.06288	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.06321	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.09699	ND	0.110	mg/kg	
SWMU 231	SW7471	S	.	0.04740	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.10036	ND	0.120	mg/kg	
SWMU 231	SW7471	S	.	0.11746	ND	0.120	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Nickel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	5.1	5.1	DET	1.9	mg/kg	@
Holloman 4 Sites	SW6010	S	5.2	5.2	DET	1.8	mg/kg	@
Holloman 4 Sites	SW6010	S	3.8	3.8	DET	2.1	mg/kg	@
SWMU 231	SW6010	S	3.1	3.1	DET	9.6	mg/kg	J
SWMU 231	SW6010	S	9.7	9.7	DET	9.6	mg/kg	
SWMU 231	SW6010	S	4.5	4.5	DET	9.7	mg/kg	J
SWMU 231	SW6010	S	10.8	10.8	DET	4.2	mg/kg	
SWMU 231	SW6010	S	5.8	5.8	DET	9.2	mg/kg	J
SWMU 231	SW6010	S	4.5	4.5	DET	9.9	mg/kg	J
SWMU 231	SW6010	S	4.2	4.2	DET	9.5	mg/kg	J

N = 10

---------- Method=Inorganics Analyte=Potassium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	1900	1900	DET	290.0	mg/kg	
Holloman 4 Sites	SW6010	S	2400	2400	DET	270.0	mg/kg	
Holloman 4 Sites	SW6010	S	2000	2000	DET	310.0	mg/kg	
SWMU 231	SW6010	S	2350	2350	DET	1190.0	mg/kg	
SWMU 231	SW6010	S	4370	4370	DET	1200.0	mg/kg	
SWMU 231	SW6010	S	1910	1910	DET	1210.0	mg/kg	
SWMU 231	SW6010	S	4630	4630	DET	1.1	mg/kg	
SWMU 231	SW6010	S	2860	2860	DET	1150.0	mg/kg	
SWMU 231	SW6010	S	1870	1870	DET	1230.0	mg/kg	
SWMU 231	SW6010	S	2090	2090	DET	1190.0	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Selenium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW7740	S	2.90	2.90000	DET	0.48	mg/kg	
Holloman 4 Sites	SW7740	S	2.80	2.80000	DET	0.45	mg/kg	
Holloman 4 Sites	SW7740	S	3.00	3.00000	DET	0.50	mg/kg	
SWMU 231	SW7740	S	.	0.04766	ND	2.40	mg/kg	
SWMU 231	SW7740	S	0.22	0.22000	DET	0.60	mg/kg	J
SWMU 231	SW7740	S	.	0.05667	ND	1.20	mg/kg	
SWMU 231	SW7740	S	.	0.12640	ND	0.53	mg/kg	
SWMU 231	SW7740	S	0.16	0.16000	DET	0.58	mg/kg	J
SWMU 231	SW7740	S	.	0.09041	ND	1.20	mg/kg	
SWMU 231	SW7740	S	0.13	0.13000	DET	1.20	mg/kg	J

N = 10

---------- Method=Inorganics Analyte=Silver ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	-0.36	-0.36000	DET	0.96	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.39	-0.39000	DET	0.89	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.67	-0.67000	DET	1.00	mg/kg	@
SWMU 231	SW6010	S	.	0.31699	ND	2.40	mg/kg	
SWMU 231	SW6010	S	.	0.72529	ND	2.40	mg/kg	
SWMU 231	SW6010	S	.	1.14877	ND	2.40	mg/kg	
SWMU 231	SW6010	S	.	0.05479	ND	1.10	mg/kg	

---------- Method=Inorganics Analyte=Silver ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	S	.	1.49491	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	1.07209	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	1.80486	ND	2.4	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Sodium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	900	900.00	DET	96	mg/kg	
Holloman 4 Sites	SW6010	S	900	900.00	DET	89	mg/kg	
Holloman 4 Sites	SW6010	S	1300	1300.00	DET	100	mg/kg	
SWMU 231	SW6010	S	.	38.95	ND	1190	mg/kg	
SWMU 231	SW6010	S	460	460.00	DET	1200	mg/kg	J
SWMU 231	SW6010	S	323	323.00	DET	1210	mg/kg	J
SWMU 231	SW6010	S	336	336.00	DET	530	mg/kg	J
SWMU 231	SW6010	S	747	747.00	DET	1150	mg/kg	J
SWMU 231	SW6010	S	2120	2120.00	DET	1230	mg/kg	
SWMU 231	SW6010	S	.	256.20	ND	1190	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Thallium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	2.70	2.7000	DET	9.6	mg/kg	@
Holloman 4 Sites	SW6010	S	-0.94	-0.9400	DET	8.9	mg/kg	@
Holloman 4 Sites	SW6010	S	14.00	14.0000	DET	10.0	mg/kg	@
SWMU 231	SW6010	S	.	1.2716	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	1.4677	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.0475	ND	2.4	mg/kg	
SWMU 231	SW6010	S	.	0.1052	ND	1.1	mg/kg	
SWMU 231	SW6010	S	.	2.1259	ND	2.3	mg/kg	
SWMU 231	SW6010	S	.	2.2972	ND	2.5	mg/kg	
SWMU 231	SW6010	S	.	0.0278	ND	2.4	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Vanadium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	10.0	10.0	DET	1.9	mg/kg	
Holloman 4 Sites	SW6010	S	11.0	11.0	DET	1.8	mg/kg	
Holloman 4 Sites	SW6010	S	9.6	9.6	DET	2.1	mg/kg	@
SWMU 231	SW6010	S	13.8	13.8	DET	2.4	mg/kg	
SWMU 231	SW6010	S	15.2	15.2	DET	2.4	mg/kg	
SWMU 231	SW6010	S	7.5	7.5	DET	2.4	mg/kg	
SWMU 231	SW6010	S	19.0	19.0	DET	1.1	mg/kg	
SWMU 231	SW6010	S	12.0	12.0	DET	2.3	mg/kg	
SWMU 231	SW6010	S	5.9	5.9	DET	2.5	mg/kg	
SWMU 231	SW6010	S	8.0	8.0	DET	2.4	mg/kg	

N = 10

---------- Method=Inorganics Analyte=Zinc ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW6010	S	16.0	16.0	DET	1.9	mg/kg	
Holloman 4 Sites	SW6010	S	23.0	23.0	DET	1.8	mg/kg	
Holloman 4 Sites	SW6010	S	16.0	16.0	DET	2.1	mg/kg	
SWMU 231	SW6010	S	18.0	18.0	DET	4.8	mg/kg	
SWMU 231	SW6010	S	40.1	40.1	DET	4.8	mg/kg	
SWMU 231	SW6010	S	19.3	19.3	DET	4.9	mg/kg	
SWMU 231	SW6010	S	40.1	40.1	DET	2.1	mg/kg	
SWMU 231	SW6010	S	26.5	26.5	DET	4.6	mg/kg	
SWMU 231	SW6010	S	16.6	16.6	DET	4.9	mg/kg	
SWMU 231	SW6010	S	19.1	19.1	DET	4.8	mg/kg	

N = 10

------ Method=Organics Analyte=1,1,1,2-Tetrachloroethane -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0052002	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0034911	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0055016	ND	.0064	mg/kg	

N = 3

-------- Method=Organics Analyte=1,1,1-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0008665	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0007534	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0017649	ND	.0064	mg/kg	

N = 3

------ Method=Organics Analyte=1,1,2,2-Tetrachloroethane -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0004694	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0051295	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0013968	ND	.0064	mg/kg	

N = 3

-------- Method=Organics Analyte=1,1,2-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0043733	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0023548	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0051224	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=1,1-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0001347	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0051283	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0000791	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=1,1-Dichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0052001	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004265	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004527	ND	.0064	mg/kg	

N = 3

-------- Method=Organics Analyte=1,2,3-Trichloropropane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0027445	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0025959	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0047766	ND	.0064	mg/kg	

N = 3

------ Method=Organics Analyte=1,2,4,5-Tetrachlorobenzene ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.90114	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.77843	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08282	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=1,2,4-Trichlorobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.94497	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.69515	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01015	ND	0.43	mg/kg	

N = 3

----- Method=Organics Analyte=1,2-Dibromo-3-chloropropane ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.012197	ND	0.023	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.012107	ND	0.023	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.013471	ND	0.026	mg/kg	

N = 3

---------- Method=Organics Analyte=1,2-Dibromoethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0002032	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0013378	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0048214	ND	.0064	mg/kg	

N = 3

--------- Method=Organics Analyte=1,2-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.14731	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.11824	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.35807	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=1,2-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0047210	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0056273	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0027100	ND	.0064	mg/kg	

N = 3

--------- Method=Organics Analyte=1,2-Dichloropropane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0007510	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0027861	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0054347	ND	.0064	mg/kg	

N = 3

--------- Method=Organics Analyte=1,3-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.12898	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.81210	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06909	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=1,3-Dinitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.47393	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.44283	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24915	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=1,4-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.74663	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.51868	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15366	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=1,4-Napthoquinone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.9944	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.0036	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.1246	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=1-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.68263	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.55045	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.41938	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=2,3,4,6-Tetrachlorophenol -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.78410	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.16988	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34173	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=2,3/2,4-Dimethylaniline --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00114	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00069	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00383	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00282	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00237	ND	.005	mg/kg	
SWMU 231	SOP-427	S	4.64	4.64000	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00273	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00020	ND	.005	mg/kg	

------- Method=Organics Analyte=2,3/2,4-Dimethylaniline --------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0042106	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0044601	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0028340	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0031373	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0014732	ND	.005	mg/kg	

N = 13

-------- Method=Organics Analyte=2,4,5-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.15361	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.66412	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29080	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=2,4,6-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.63710	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.69875	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.21499	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2,4-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.18830	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.71237	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.27182	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2,4-Dimethylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.67601	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.42763	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.16622	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2,4-Dinitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	18.4006	ND	23.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	7.6498	ND	7.70	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.2814	ND	0.85	mg/kg	

N = 3

---------- Method=Organics Analyte=2,4-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.90771	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.30219	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22359	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=2,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00101	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00062	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00360	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00010	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00304	ND	.005	mg/kg	
SWMU 231	SOP-427	S	4.69	4.69000	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00158	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00382	ND	.005	mg/kg	

--------- Method=Organics Analyte=2,5-Dimethylaniline ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	.0040622	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0006787	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0014563	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0037163	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	.0011831	ND	.005	mg/kg	

N = 13

---------- Method=Organics Analyte=2,6-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.16928	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.47191	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12575	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=2,6-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00178	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00095	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00187	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00174	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00082	ND	.002	mg/kg	
SWMU 231	SOP-427	S	0.11	0.11000	DET	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00193	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00119	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00140	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00075	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00035	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00172	ND	.002	mg/kg	
SWMU 231	SOP-427	S	.	0.00131	ND	.002	mg/kg	

N = 13

---------- Method=Organics Analyte=2,6-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.60801	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.11879	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.07852	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=2-Acetylaminofluorene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.74800	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.68073	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29442	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=2-Chloro-1,3-butadiene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.013942	ND	0.028	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.010384	ND	0.029	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.023303	ND	0.032	mg/kg	

N = 3

--------- Method=Organics Analyte=2-Chloronaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.72752	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.96371	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.31425	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Chlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.27537	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.71973	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.00973	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Hexanone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.033966	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.012293	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.036089	ND	0.064	mg/kg	

N = 3

--------- Method=Organics Analyte=2-Methylnaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.02444	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.40110	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12367	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Methylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.95722	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.95718	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14853	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.78874	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.63318	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.04279	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.01110	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.08759	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40868	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.56510	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.38003	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.27767	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=2-Picoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.83727	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.59940	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.33428	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=3,3'-Dichlorobenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.63027	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.81416	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19829	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=3,3'-Dimethylbenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	22.4190	ND	23.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.8455	ND	7.70	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.3926	ND	0.85	mg/kg	

N = 3

--------- Method=Organics Analyte=3,4-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00116	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00052	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00199	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00141	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00040	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.416	0.41600	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00369	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00298	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00064	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00478	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00246	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00105	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00480	ND	.005	mg/kg	

N = 13

--------- Method=Organics Analyte=3,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00431	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00307	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00097	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00447	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00095	ND	.005	mg/kg	
SWMU 231	SOP-427	S	0.628	0.62800	DET	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00020	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00260	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00349	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00472	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00490	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00481	ND	.005	mg/kg	
SWMU 231	SOP-427	S	.	0.00469	ND	.005	mg/kg	

N = 13

---------- Method=Organics Analyte=3-Chloropropene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0004629	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0040987	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0008654	ND	.0064	mg/kg	

N = 3

--------- Method=Organics Analyte=3-Methylcholanthrene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.00938	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.04426	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.11456	ND	0.43	mg/kg	

N = 3

---- Method=Organics Analyte=3-Methylphenol/4-Methylphenol -----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.8148	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.8611	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.1723	ND	0.43	mg/kg	
Holloman 4 Sites	SW8270	S	.	10.6669	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.5124	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.0104	ND	0.43	mg/kg	

N = 6

---------- Method=Organics Analyte=3-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.76110	ND	23.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.76776	ND	7.70	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.82480	ND	0.85	mg/kg	

N = 3

------ Method=Organics Analyte=4,6-Dinitro-2-methylphenol ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.57464	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.75357	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.16990	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=4-Aminobiphenyl ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.77544	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.07277	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06064	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=4-Bromophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.9427	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.6930	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.3420	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=4-Chloro-3-methylphenol --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.38516	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.07384	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.38129	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=4-Chloroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.32843	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.19162	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03396	ND	0.43	mg/kg	

N = 3

----- Method=Organics Analyte=4-Chlorophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.13459	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.61574	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.41411	ND	0.43	mg/kg	

N = 3

----- Method=Organics Analyte=4-Methyl-2-pentanone (MIBK) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.044144	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.016718	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.019196	ND	0.064	mg/kg	

N = 3

---------- Method=Organics Analyte=4-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.72753	ND	23.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36522	ND	7.70	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.79178	ND	0.85	mg/kg	

N = 3

---------- Method=Organics Analyte=4-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.16521	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.11036	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01565	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=4-Nitroquinoline-N-oxide -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	22.0527	ND	91.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	23.7114	ND	31.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.3449	ND	3.4	mg/kg	

N = 3

--------- Method=Organics Analyte=5-Nitro-o-toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.55270	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.09900	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19441	ND	0.43	mg/kg	

N = 3

---- Method=Organics Analyte=7,12-Dimethylbenz(a)anthracene ----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.3644	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.2097	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.2912	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Acenaphthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.70107	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.95290	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28656	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Acenaphthylene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.06096	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34774	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39362	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Acetone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.088471	NO	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.026496	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.030080	ND	0.13	mg/kg	

N = 3

---------- Method=Organics Analyte=Acetonitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.05480	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.08367	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.10806	ND	0.13	mg/kg	

N = 3

---------- Method=Organics Analyte=Acetophenone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.46168	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.27615	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25992	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Acrolein ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.046065	ND	0.085	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.075253	ND	0.086	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.079054	ND	0.096	mg/kg	

N = 3

---------- Method=Organics Analyte=Acrylonitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.049282	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.045413	ND	0.057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.039204	ND	0.064	mg/kg	

N = 3

---------- Method=Organics Analyte=Aniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.0007	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0065	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0060	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0046	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0057	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	0.0186	0.0186	OET	0.009	mg/kg	
SWMU 231	SOP-427	S	.	0.0069	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0045	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0080	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0014	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0015	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0005	ND	0.010	mg/kg	
SWMU 231	SOP-427	S	.	0.0015	ND	0.010	mg/kg	
Holloman 4 Sites	SW8270	S	.	4.6230	ND	11.000	mg/kg	
Holloman 4 Sites	SW8270	S	15.0000	15.0000	DET	3.800	mg/kg	@
Holloman 4 Sites	SW8270	S	.	0.2831	ND	0.430	mg/kg	

N = 16

---------- Method=Organics Analyte=Anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.36291	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.33133	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.41502	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Antimony ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7041	S	0.22	0.22000	DET	1.0	mg/kg	J
SWMU 231	SW7041	S	0.25	0.25000	DET	1.2	mg/kg	J
SWMU 231	SW7041	S	.	0.13249	ND	1.2	mg/kg	
SWMU 231	SW7041	S	.	0.06417	ND	1.1	mg/kg	
SWMU 231	SW7041	S	.	0.01214	ND	1.2	mg/kg	
SWMU 231	SW7041	S	.	0.05805	ND	1.2	mg/kg	
SWMU 231	SW7041	S	.	0.21586	ND	1.2	mg/kg	

N = 7

---------- Method=Organics Analyte=Aramite ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.12507	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.24614	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10927	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Benzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	0.003611	ND	0.0330	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.016081	ND	0.0340	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.010970	ND	0.0390	mg/kg	
Holloman 4 Sites	SW8240	S	.00077	0.000770	DET	0.0057	mg/kg	J
Holloman 4 Sites	SW8240	S	.	0.000570	ND	0.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.000473	ND	0.0064	mg/kg	

N = 6

---------- Method=Organics Analyte=Benzo(a)anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.79730	ND	11	mg/kg	

---------- Method=Organics Analyte=Benzo(a)anthracene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.12545	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.41533	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Benzo(a)pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.4553	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.6356	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.2221	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Benzo(b)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.33845	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.32638	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17313	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Benzo(g,h,i)perylene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.018155	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.024233	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	0.031	0.031000	DET	0.43	mg/kg	JB

N = 3

--------- Method=Organics Analyte=Benzo(k)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.70262	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.81878	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.35864	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Benzyl alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.07936	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.02323	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10618	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Bromodichloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0003816	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0015662	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0024954	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Bromomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0013516	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0039647	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0070273	ND	0.013	mg/kg	

N = 3

--------- Method=Organics Analyte=Butylbenzylphthalate ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.89917	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.73268	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.23025	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Carbon disulfide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0036621	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0008083	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0005492	ND	.0064	mg/kg	

N = 3 .

--------- Method=Organics Analyte=Carbon tetrachloride ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0018227	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0045487	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0050300	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Chlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.00160	.0016000	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.00069	.0006900	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.	.0003614	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Chlorobenzilate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.98860	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22644	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19132	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0023669	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0045483	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0006693	ND	0.013	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloroform ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0013904	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0047803	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0059158	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Chloromethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0003239	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0079986	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0035244	ND	0.013	mg/kg	

N = 3

---------- Method=Organics Analyte=Chrysene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.11325	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.66066	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.39047	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Di-n-butylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.48551	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40259	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.25846	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Di-n-octylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.38992	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.29060	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36469	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Diallate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.95370	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.88048	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34474	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=Dibenz(a,h)anthracene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.017508	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.014832	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	0.02	0.020000	DET	0.43	mg/kg	JB

N = 3

---------- Method=Organics Analyte=Dibenzofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.42651	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.26999	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.20414	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Dibromochloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0056426	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0054058	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0061250	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Dibromomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0003656	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0047976	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0041738	ND	.0064	mg/kg	

N = 3

------- Method=Organics Analyte=Dichlorodifluoromethane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.017192	ND	0.023	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.008534	ND	0.023	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.002155	ND	0.026	mg/kg	

N = 3

---------- Method=Organics Analyte=Diesel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	1200	1200	DET	29.0	mg/kg	GBI
Holloman 4 Sites	SW8015ME	S	260	260	DET	14.0	mg/kg	BI
Holloman 4 Sites	SW8015ME	S	2	2	DET	3.2	mg/kg	JBG

N = 3

---------- Method=Organics Analyte=Diethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.56391	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.40917	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32002	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=Dimethylphenethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	28.7415	ND	140.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.7564	ND	46.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.4171	ND	5.1	mg/kg	

N = 3

---------- Method=Organics Analyte=Dimethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.62728	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.84900	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40377	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Diphenylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.84156	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.46978	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03779	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Ethyl benzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.00220	.0022000	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.00036	.0003600	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.	.0000552	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Ethyl methacrylate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.014829	ND	0.017	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.016880	ND	0.017	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.014964	ND	0.019	mg/kg	

N = 3

-------- Method=Organics Analyte=Ethyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.30015	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.54639	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.32051	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Ethylbenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	0.007457	ND	0.033	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.001867	ND	0.034	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	0.030846	ND	0.039	mg/kg	

N = 3

---------- Method=Organics Analyte=Fluoranthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.27151	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.41911	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29948	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Fluorene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.75872	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.56295	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28499	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Furfuryl Alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	S	.	0.00350	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00490	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00847	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00690	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00183	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	0.428	0.42800	DET	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00415	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00707	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00706	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00547	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00327	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00121	ND	0.01	mg/kg	
SWMU 231	SOP-427	S	.	0.00475	ND	0.01	mg/kg	

N = 13

---------- Method=Organics Analyte=Gasoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	.	1.55189	ND	5.5	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	2.15504	ND	5.6	mg/kg	
Holloman 4 Sites	SW8015MP	S	.	5.12697	ND	6.5	mg/kg	

N = 3

---------- Method=Organics Analyte=Hexachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.57955	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.45992	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.15734	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=Hexachlorobutadiene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.8196	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.6317	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.0139	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=Hexachlorocyclopentadiene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.47423	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.63563	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.29075	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Hexachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.4170	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.8973	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.1827	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Hexachlorophene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2011.13	ND	2300	mg/kg	
Holloman 4 Sites	SW8270	S	.	719.66	ND	770	mg/kg	
Holloman 4 Sites	SW8270	S	.	35.17	ND	85	mg/kg	

N = 3

---------- Method=Organics Analyte=Hexachloropropene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.15569	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.24824	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.02324	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=Indeno(1,2,3-cd)pyrene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	0.013923	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.004465	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	0.019	0.019000	DET	0.43	mg/kg	JB

N = 3

---------- Method=Organics Analyte=Iodomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0056913	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0015201	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0004489	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Isophorone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.02529	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.32476	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.33227	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Isosafrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.71538	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.66218	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03405	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Jet fuel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	.	22.0411	ND	57.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	10.5163	ND	29.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	2.9956	ND	6.4	mg/kg	

N = 3

---------- Method=Organics Analyte=Kerosene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	S	.	29.5480	ND	57.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	18.3372	ND	29.0	mg/kg	
Holloman 4 Sites	SW8015ME	S	.	1.2758	ND	6.4	mg/kg	

N = 3

---------- Method=Organics Analyte=Methapyriline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	16.2913	ND	57.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	15.6828	ND	19.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.7813	ND	2.1	mg/kg	

N = 3

--- Method=Organics Analyte=Methyl ethyl ketone (2-Butanone) ---

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.002999	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.015086	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.081258	ND	0.13	mg/kg	

N = 3

--------- Method=Organics Analyte=Methyl methacrylate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.001300	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.002927	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.012136	ND	0.013	mg/kg	

N = 3

------- Method=Organics Analyte=Methyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.5120	ND	57.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	18.6912	ND	19.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.8796	ND	2.1	mg/kg	

N = 3

---------- Method=Organics Analyte=Methylene chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	0.0130	0.0130	DET	.0057	mg/kg	@
Holloman 4 Sites	SW8240	S	0.0038	0.0038	DET	.0057	mg/kg	J
Holloman 4 Sites	SW8240	S	0.0030	0.0030	DET	.0064	mg/kg	J

N = 3

------ Method=Organics Analyte=N-Nitroso-di-n-butylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.05654	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.81519	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03594	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=N-Nitrosodiethylamine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.0510	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.5788	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.0400	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=N-Nitrosodimethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.74549	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.92424	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.36388	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=N-Nitrosodiphenylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.6878	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.3431	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.1577	ND	0.43	mg/kg	

N = 3

-------- Method=Organics Analyte=N-Nitrosodipropylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.09973	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.32709	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12452	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=N-Nitrosomethylethylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.02256	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.42217	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.03783	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=N-Nitrosomorpholine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.91057	ND	23.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.57104	ND	7.70	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.84196	ND	0.85	mg/kg	

N = 3

--------- Method=Organics Analyte=N-Nitrosopiperidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.79714	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.89027	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14320	ND	0.43	mg/kg	

N = 3

--------- Method=Organics Analyte=N-Nitrosopyrrolidine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.44851	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.28361	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.14348	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Naphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.34610	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.03270	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.42044	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Nitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.76115	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.00946	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34392	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Pentachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.41247	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.38206	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.10579	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Pentachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	2.71336	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.22859	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06506	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=Pentachloronitrobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.32291	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.61383	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.34861	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Pentachlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.96136	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.08556	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22833	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Phenacetin ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.10309	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.19413	ND.	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24919	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Phenanthrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	3.62128	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.24588	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.11083	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Phenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.1402	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.9352	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.2850	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Pronamide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	9.79726	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.19007	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.33664	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Propanenitrile ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.031765	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.029489	ND	0.11	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.017586	ND	0.13	mg/kg	

N = 3

---------- Method=Organics Analyte=Pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.31983	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.08911	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.01143	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Pyridine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	8.96378	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.29222	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.12339	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Safrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	6.52032	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	1.33139	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17006	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=Styrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.00089	.0008900	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.00140	.0014000	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.	.0004998	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Tetrachloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0024683	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0026379	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0053678	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Tetrahydrofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-426	S	.	0.000337	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000706	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004942	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003190	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001737	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004962	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.001638	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000653	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004298	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.000164	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.004716	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.003447	ND	.006	mg/kg	
SWMU 231	SOP-426	S	.	0.005175	ND	.006	mg/kg	
Holloman 4 Sites	SW8240	S	0.008	0.008000	DET	.	mg/kg	
Holloman 4 Sites	SW8240	S	0.008	0.008000	DET	.	mg/kg	
Holloman 4 Sites	SW8240	S	0.010	0.010000	DET	.	mg/kg	

N = 16

---------- Method=Organics Analyte=Toluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	0.01500	0.015000	DET	0.0330	mg/kg	J@
Holloman 4 Sites	SW8015MP	S	0.00520	0.005200	DET	0.0340	mg/kg	J
Holloman 4 Sites	SW8015MP	S	0.00510	0.005100	DET	0.0390	mg/kg	J
Holloman 4 Sites	SW8240	S	0.00430	0.004300	DET	0.0057	mg/kg	J
Holloman 4 Sites	SW8240	S	0.00072	0.000720	DET	0.0057	mg/kg	J
Holloman 4 Sites	SW8240	S	.	0.000212	ND	0.0064	mg/kg	

N = 6

---------- Method=Organics Analyte=Total xylenes ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	S	0.0180	0.018000	DET	0.055	mg/kg	J@
Holloman 4 Sites	SW8015MP	S	0.0057	0.005700	DET	0.056	mg/kg	J
Holloman 4 Sites	SW8015MP	S	.	0.001568	ND	0.065	mg/kg	

N = 3

------ Method=Organics Analyte=Tribromomethane(Bromoform) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0012950	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0010811	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0061334	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Trichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0009492	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0055250	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0022177	ND	.0064	mg/kg	

N = 3

-------- Method=Organics Analyte=Trichlorofluoromethane --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0029934	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0023119	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0010272	ND	0.013	mg/kg	

N = 3

---------- Method=Organics Analyte=Vinyl acetate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0042132	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0055694	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0014245	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=Vinyl chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	0.006517	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.000029	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	0.011211	ND	0.013	mg/kg	

N = 3

---------- Method=Organics Analyte=Xylenes ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.0097	.0097000	DET	.0057	mg/kg	B@
Holloman 4 Sites	SW8240	S	.0023	.0023000	DET	.0057	mg/kg	JB
Holloman 4 Sites	SW8240	S	.	.0022499	ND	.0064	mg/kg	

N = 3

------ Method=Organics Analyte=bis(2-Chloroethoxy)methane ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.9593	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.7363	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.3203	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=bis(2-Chloroethyl) ether -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.9546	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.9653	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.3503	ND	0.43	mg/kg	

N = 3

----- Method=Organics Analyte=bis(2-Chloroisopropyl)ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	1.78783	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.74544	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40673	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=bis(2-Ethylhexyl)phthalate ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	5.61486	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.17261	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.06586	ND	0.43	mg/kg	

N = 3

------- Method=Organics Analyte=cis-1,3-Dichloropropene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0022104	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0037084	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0051893	ND	.0064	mg/kg	

N = 3

---------- Method=Organics Analyte=o-Toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	7.73620	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	2.08674	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.40360	ND	0.43	mg/kg	

N = 3

------ Method=Organics Analyte=p-Dimethylaminoazobenzene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	4.57479	ND	11.00	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.55815	ND	3.80	mg/kg	
Holloman 4 Sites	SW8270	S	.	0.22297	ND	0.43	mg/kg	

N = 3

---------- Method=Organics Analyte=p-Phenylenediamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8270	S	.	10.6329	ND	140.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	30.6202	ND	46.0	mg/kg	
Holloman 4 Sites	SW8270	S	.	3.2398	ND	5.1	mg/kg	

N = 3

------- Method=Organics Analyte=trans-1,2-Dichloroethene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0056754	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0009929	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0041359	ND	.0064	mg/kg	

N = 3

------ Method=Organics Analyte=trans-1,3-Dichloropropene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0004335	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0017598	ND	.0057	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0059499	ND	.0064	mg/kg	

N = 3

----- Method=Organics Analyte=trans-1,4-Dichloro-2-butene ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8240	S	.	.0082380	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0096938	ND	0.011	mg/kg	
Holloman 4 Sites	SW8240	S	.	.0087727	ND	0.013	mg/kg	

N = 3

---------- Method=Inorganics Analyte=Aluminum ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	1.60	1.60	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.75	0.75	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.57	0.57	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.12	0.12	DET	0.2	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Arsenic ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7060	L	.0018	.0018	DET	0.010	mg/L	J
SWMU 231	SW7060	L	.0015	.0015	DET	0.010	mg/L	J
SWMU 231	SW7060	L	.0023	.0023	DET	0.010	mg/L	J
SWMU 231	SW7060	L	.0022	.0022	DET	0.005	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Barium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	0.0270	0.0270	DET	0.02	mg/L	
SWMU 231	SW6010	L	0.0340	0.0340	DET	0.02	mg/L	
SWMU 231	SW6010	L	0.0091	0.0091	DET	0.02	mg/L	J
SWMU 231	SW6010	L	0.0270	0.0270	DET	0.02	mg/L	

N = 4

---------- Method=Inorganics Analyte=Beryllium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	.0004606	ND	.004	mg/L	
SWMU 231	SW6010	L	.	.0030289	ND	.004	mg/L	
SWMU 231	SW6010	L	.	.0011182	ND	.004	mg/L	
SWMU 231	SW6010	L	.	.0038003	ND	.004	mg/L	

N = 4

---------- Method=Inorganics Analyte=Cadmium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	.0034166	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0094646	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0014571	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0081635	ND	0.01	mg/L	

N = 4

---------- Method=Inorganics Analyte=Calcium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	758	758	DET	0.4	mg/L	
SWMU 231	SW6010	L	928	928	DET	0.4	mg/L	
SWMU 231	SW6010	L	926	926	DET	0.4	mg/L	
SWMU 231	SW6010	L	952	952	DET	0.4	mg/L	

N = 4

---------- Method=Inorganics Analyte=Chromium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	0.008349	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.001400	ND	0.02	mg/L	
SWMU 231	SW6010	L	0.012	0.012000	DET	0.02	mg/L	J
SWMU 231	SW6010	L	.	0.003799	ND	0.02	mg/L	

N = 4

---------- Method=Inorganics Analyte=Cobalt ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	.0018345	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	.0053465	ND	0.02	mg/L	
SWMU 231	SW6010	L	.0074	.0074000	DET	0.02	mg/L	J
SWMU 231	SW6010	L	.	.0033680	ND	0.02	mg/L	

N = 4

---------- Method=Inorganics Analyte=Copper ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	0.019	0.01900	DET	0.04	mg/L	J
SWMU 231	SW6010	L	.	0.01590	ND	0.04	mg/L	
SWMU 231	SW6010	L	0.140	0.14000	DET	0.04	mg/L	
SWMU 231	SW6010	L	0.041	0.04100	DET	0.04	mg/L	

N = 4

---------- Method=Inorganics Analyte=Iron ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	1.20	1.20	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.66	0.66	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.50	0.50	DET	0.2	mg/L	
SWMU 231	SW6010	L	0.19	0.19	DET	0.2	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Lead ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7421	L	.	.0046170	ND	0.02	mg/L	
SWMU 231	SW7421	L	.	.0010768	ND	0.05	mg/L	
SWMU 231	SW7421	L	.	.0014694	ND	0.05	mg/L	
SWMU 231	SW7421	L	.005	.0050000	DET	0.01	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Magnesium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	472	472	DET	0.4	mg/L	
SWMU 231	SW6010	L	549	549	DET	0.4	mg/L	
SWMU 231	SW6010	L	594	594	DET	0.4	mg/L	
SWMU 231	SW6010	L	475	475	DET	0.4	mg/L	

N = 4

---------- Method=Inorganics Analyte=Manganese ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	0.027	0.027	DET	0.02	mg/L	
SWMU 231	SW6010	L	0.028	0.028	DET	0.02	mg/L	
SWMU 231	SW6010	L	0.023	0.023	DET	0.02	mg/L	
SWMU 231	SW6010	L	0.150	0.150	DET	0.02	mg/L	

N = 4

---------- Method=Inorganics Analyte=Mercury ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7470	L	.	.00009579	ND	.0002	mg/L	
SWMU 231	SW7470	L	.	.00014845	ND	.0002	mg/L	
SWMU 231	SW7470	L	.	.00012775	ND	.0002	mg/L	
SWMU 231	SW7470	L	.	.00008626	ND	.0002	mg/L	

N = 4

---------- Method=Inorganics Analyte=Nickel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	0.045719	ND	0.08	mg/L	
SWMU 231	SW6010	L	.	0.016276	ND	0.08	mg/L	
SWMU 231	SW6010	L	.	0.024405	ND	0.08	mg/L	
SWMU 231	SW6010	L	.	0.015511	ND	0.08	mg/L	

N = 4

---------- Method=Inorganics Analyte=Potassium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	5.8	5.8	DET	10	mg/L	J
SWMU 231	SW6010	L	7.0	7.0	DET	10	mg/L	J
SWMU 231	SW6010	L	9.1	9.1	DET	10	mg/L	J
SWMU 231	SW6010	L	4.4	4.4	DET	10	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Selenium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7740	L	.0066	.0066	DET	0.010	mg/L	J
SWMU 231	SW7740	L	.0082	.0082	DET	0.010	mg/L	J
SWMU 231	SW7740	L	.0085	.0085	DET	0.025	mg/L	J
SWMU 231	SW7740	L	.0072	.0072	DET	0.010	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Silver ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	0.018487	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.016502	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.008013	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.007952	ND	0.02	mg/L	

N = 4

---------- Method=Inorganics Analyte=Sodium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	1400	1400	DET	10	mg/L	
SWMU 231	SW6010	L	1740	1740	DET	10	mg/L	
SWMU 231	SW6010	L	1950	1950	DET	10	mg/L	
SWMU 231	SW6010	L	1230	1230	DET	10	mg/L	

N = 4

---------- Method=Inorganics Analyte=Thallium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	.0075906	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0028314	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0064507	ND	0.01	mg/L	
SWMU 231	SW6010	L	.	.0077607	ND	0.01	mg/L	

N = 4

---------- Method=Inorganics Analyte=Vanadium ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	0.0073	0.0073	DET	0.02	mg/L	J
SWMU 231	SW6010	L	0.0083	0.0083	DET	0.02	mg/L	J
SWMU 231	SW6010	L	0.0150	0.0150	DET	0.02	mg/L	J
SWMU 231	SW6010	L	0.0083	0.0083	DET	0.02	mg/L	J

N = 4

---------- Method=Inorganics Analyte=Zinc ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW6010	L	.	0.008759	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.008025	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.016191	ND	0.02	mg/L	
SWMU 231	SW6010	L	.	0.003020	ND	0.02	mg/L	

N = 4

-------- Method=Organics Analyte=1,1,1-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0007260	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0034718	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0023776	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0011660	ND	.005	mg/L	

N = 4

------ Method=Organics Analyte=1,1,2,2-Tetrachloroethane -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0012254	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0037348	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0015993	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0015053	ND	.005	mg/L	

N = 4

-------- Method=Organics Analyte=1,1,2-Trichloroethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0020512	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0031123	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0034908	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0005198	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=1,1-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0040600	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0007454	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0007715	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0013413	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=1,1-Dichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0018373	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0040190	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0002448	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0001914	ND	.005	mg/L	

N = 4

------ Method=Organics Analyte=1,2,4,5-Tetrachlorobenzene ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0096215	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0023705	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0012443	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0022561	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=1,2,4-Trichlorobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0028508	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0020857	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0044000	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0042678	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=1,2-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0072168	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0000625	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0026338	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0044011	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=1,2-Dichloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0036211	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0006143	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0014929	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0036029	ND	.005	mg/L	

N = 4

------ Method=Organics Analyte=1,2-Dichloroethene (total) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0023221	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0008892	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0003354	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0045682	ND	.005	mg/L	

N = 4

--------- Method=Organics Analyte=1,2-Dichloropropane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0005200	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0007139	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0007984	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0046002	ND	.005	mg/L	

N = 4

--------- Method=Organics Analyte=1,3-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0054414	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0045907	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0060679	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0025016	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=1,3-Dinitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0061475	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0032532	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0008743	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098144	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=1,4-Dichlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0046233	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0028234	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0061030	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0081172	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=1,4-Naphthoquinone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0003806	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0086823	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0087848	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0053023	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=1-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0038728	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0002640	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0053182	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0027428	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=2,3,4,6-Tetrachlorophenol -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.039467	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.008838	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.041424	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.026342	ND	0.05	mg/L	

N = 4

------- Method=Organics Analyte=2,3/2,4-Dimethylaniline --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0028077	ND	.003	mg/L	
SWMU 231	SOP-427	L	.	.0007421	ND	.003	mg/L	
SWMU 231	SOP-427	L	.	.0026350	ND	.003	mg/L	
SWMU 231	SOP-427	L	.	.0009550	ND	.003	mg/L	

N = 4

-------- Method=Organics Analyte=2,4,5-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.011593	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.004060	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.026638	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.045615	ND	0.05	mg/L	

N = 4

-------- Method=Organics Analyte=2,4,6-Trichlorophenol ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0005814	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0090075	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0018373	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0059987	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2,4-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0059074	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0027692	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0061487	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0000793	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2,4-Dimethylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0090253	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0031275	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0022751	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0096709	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2,4-Dinitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.045316	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.032729	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.032596	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.020322	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=2,4-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0061875	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0002554	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0049455	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0089022	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=2,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0004622	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0006193	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0009311	ND	.002	mg/L	
SWMU 231	SDP-427	L	.	.0018282	ND	.002	mg/L	

N = 4

---------- Method=Organics Analyte=2,6-Dichlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0043503	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073646	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0093607	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0068323	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=2,6-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.00038610	ND	.001	mg/L	
SWMU 231	SOP-427	L	.	.00007561	ND	.001	mg/L	
SWMU 231	SOP-427	L	.	.00026633	ND	.001	mg/L	
SWMU 231	SOP-427	L	.	.00048292	ND	.001	mg/L	

N = 4

---------- Method=Organics Analyte=2,6-Dinitrotoluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0038670	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0069341	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0029147	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0091487	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=2-Acetylaminofluorene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.093475	ND	0.1	mg/L	
SWMU 231	SW8270	L	.	0.084850	ND	0.1	mg/L	
SWMU 231	SW8270	L	.	0.036099	ND	0.1	mg/L	
SWMU 231	SW8270	L	.	0.043490	ND	0.1	mg/L	

N = 4

------ Method=Organics Analyte=2-Chloroethyl vinyl ether -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0003995	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0025709	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0027246	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0006729	ND	.005	mg/L	

N = 4

--------- Method=Organics Analyte=2-Chloronaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0084950	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0006883	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0020602	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0049487	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Chlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0079106	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0004728	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0046504	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0092365	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Hexanone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0058694	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0012803	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0074290	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0070084	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=2-Methylnaphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0074073	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0049435	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0072488	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0030096	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Methylphenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0065170	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0043331	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0008698	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0052165	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Naphthylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0073008	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0086005	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0065347	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0030092	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.002236	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.012430	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.000931	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.025303	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=2-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0025366	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0001260	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0011994	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0080576	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=2-Picoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0062742	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0085389	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0015257	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0019307	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=3,3'-Dichlorobenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.007036	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.012232	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.018263	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.016207	ND	0.02	mg/L	

N = 4

-------- Method=Organics Analyte=3,3'-Dimethylbenzidine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0087561	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0088380	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0058281	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0027938	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=3,4-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0007368	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0015982	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0016032	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0009684	ND	.002	mg/L	

N = 4

--------- Method=Organics Analyte=3,5-Dimethylaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0001919	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0002276	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0000616	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0014251	ND	.002	mg/L	

N = 4

--------- Method=Organics Analyte=3-Methylcholanthrene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0063453	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0050080	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0036478	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0025557	ND	0.01	mg/L	

N = 4

---- Method=Organics Analyte=3-Methylphenol/4-Methylphenol -----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0016266	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0064146	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0099284	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0031293	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=3-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.041620	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.011285	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.046744	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.006435	ND	0.05	mg/L	

N = 4

------ Method=Organics Analyte=4,6-Dinitro-2-methylphenol ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.029036	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.003356	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.043817	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.001367	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=4-Aminobiphenyl ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0012264	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0095421	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0094068	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0056291	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=4-Bromophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0089339	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0080513	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0036028	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0060870	ND	0.01	mg/L	

N = 4

------- Method=Organics Analyte=4-Chloro-3-methylphenol --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0028810	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0026912	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0021775	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0009173	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=4-Chloroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0094186	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0084926	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0005248	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057976	ND	0.01	mg/L	

N = 4

----- Method=Organics Analyte=4-Chlorophenyl phenyl ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0019225	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0017458	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098560	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0052541	ND	0.01	mg/L	

N = 4

----- Method=Organics Analyte=4-Methyl-2-pentanone (MIBK) ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0093830	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0006542	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0094400	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0070285	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=4-Nitroaniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.011409	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.027828	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.007188	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.000985	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=4-Nitrophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.044916	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.001115	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.000607	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.004064	ND	0.05	mg/L	

N = 4

------- Method=Organics Analyte=4-Nitroquinoline-N-oxide -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	

N = 4

--------- Method=Organics Analyte=5-Nitro-o-toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0088619	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0075462	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0012175	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0003363	ND	0.01	mg/L	

N = 4

--- Method=Organics Analyte=7,12-Dimethylbenz(a)-anthracene ----

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0068239	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0013910	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098807	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0048966	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Acenaphthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0073825	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0076279	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0037388	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0076449	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Acenaphthylene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0001862	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0014080	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0046185	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0028583	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Acetone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0017159	ND	0.01	mg/L	
SWMU 231	SW8240	L	.0089	.0089000	DET	0.01	mg/L	J
SWMU 231	SW8240	L	.0047	.0047000	DET	0.01	mg/L	J
SWMU 231	SW8240	L	.0027	.0027000	DET	0.01	mg/L	J

N = 4

---------- Method=Organics Analyte=Acetophenone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0071883	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0013347	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0002802	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0006219	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Aniline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0008909	ND	0.001	mg/L	
SWMU 231	SOP-427	L	.	.0008228	ND	0.001	mg/L	
SWMU 231	SOP-427	L	.	.0005697	ND	0.001	mg/L	
SWMU 231	SOP-427	L	.	.0004281	ND	0.001	mg/L	
SWMU 231	SW8270	L	.	.0080096	ND	0.010	mg/L	
SWMU 231	SW8270	L	.	.0019596	ND	0.010	mg/L	
SWMU 231	SW8270	L	.	.0096966	ND	0.010	mg/L	
SWMU 231	SW8270	L	.	.0009114	ND	0.010	mg/L	

N = 8

---------- Method=Organics Analyte=Anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0036999	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0023709	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0068299	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0062249	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Antimony ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW7041	L	.	.0006243	ND	0.01	mg/L	
SWMU 231	SW7041	L	.	.0032120	ND	0.01	mg/L	
SWMU 231	SW7041	L	.	.0027363	ND	0.01	mg/L	
SWMU 231	SW7041	L	.	.0070692	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Aramite ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.00065987	ND	0.01	mg/L	

---------- Method=Organics Analyte=Aramite ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0075397	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0038543	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0092983	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Benzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	L	.000490	.000490	DET	.0003	mg/L	C@
Holloman 4 Sites	SW8015MP	L	.000400	.000400	DET	.0003	mg/L	C@
Holloman 4 Sites	SW8015MP	L	.000067	.000067	DET	.0003	mg/L	J
SWMU 231	SW8240	L	.001600	.001600	DET	.0050	mg/L	J
SWMU 231	SW8240	L	.000760	.000760	DET	.0050	mg/L	J
SWMU 231	SW8240	L	.000700	.000700	DET	.0050	mg/L	J
SWMU 231	SW8240	L	.000160	.000160	DET	.0050	mg/L	J

N = 7

---------- Method=Organics Analyte=Benzo(a)anthracene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0029527	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0062183	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0009711	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0041293	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Benzo(a)pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0084245	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0080641	ND	0.01	mg/L	

---------- Method=Organics Analyte=Benzo(a)pyrene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0032019	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0012981	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Benzo(b)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0027609	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0061264	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0086287	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0056671	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Benzo(g,h,i)perylene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0036740	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0023915	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0095473	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0061558	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Benzo(k)fluoranthene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0091866	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0044867	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016225	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0054074	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Benzyl alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0015885	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073410	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0092142	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0084260	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Bromodichloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0006129	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0040619	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0042806	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0003388	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Bromoform ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0003583	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0025092	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0018215	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0033911	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Bromomethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0051988	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0058172	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0009523	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0024956	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Butylbenzylphthalate ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0046402	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0005595	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0078144	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0019661	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Carbon disulfide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0046811	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0025751	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0001379	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0029204	ND	.005	mg/L	

N = 4

--------- Method=Organics Analyte=Carbon tetrachloride ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0042868	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0020654	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0045520	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0034391	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Chlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0016324	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0027526	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0008911	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0002513	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Chloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0024352	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0086075	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0085835	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0074141	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Chloroform ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.00011893	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.00015996	ND	.005	mg/L	
SWMU 231	SW8240	L	.00016	.00016000	DET	.005	mg/L	J
SWMU 231	SW8240	L	.	.00012413	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Chloromethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0061449	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0084411	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0001753	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0076419	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Chrysene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0034262	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0060736	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057802	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073229	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Di-n-butylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0017604	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0043736	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0062114	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016626	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Di-n-octylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0056022	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0096786	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0051180	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0082722	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=Dibenz(a,h)anthracene ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0048374	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057241	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0054452	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0025203	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Dibenzofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0092194	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0058449	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057538	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0092872	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=Dibromochloromethane ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0006227	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0014315	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0024471	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0015220	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Diesel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	L	0.039	0.039	DET	0.048	mg/L	JBG
Holloman 4 Sites	SW8015ME	L	0.170	0.170	DET	0.048	mg/L	GBI
Holloman 4 Sites	SW8015ME	L	0.170	0.170	DET	0.049	mg/L	GB@

N = 3

---------- Method=Organics Analyte=Diethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0009796	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0058682	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057290	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0043775	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=Dimethylphenethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0091784	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0047254	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0091212	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098863	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Dimethylphthalate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0095494	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0091002	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0079120	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0051381	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Diphenylamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0072052	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0090293	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0065090	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0007150	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=Ethyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0035636	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0028673	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0077536	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0027134	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Ethylbenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	L	.0002	.0002000	DET	.0003	mg/L	J
Holloman 4 Sites	SW8015MP	L	.0036	.0036000	DET	.0003	mg/L	C
Holloman 4 Sites	SW8015MP	L	.	.0000692	ND	.0003	mg/L	
SWMU 231	SW8240	L	.	.0016781	ND	.0050	mg/L	
SWMU 231	SW8240	L	.	.0016547	ND	.0050	mg/L	

---------- Method=Organics Analyte=Ethylbenzene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0001393	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0035122	ND	.005	mg/L	

N = 7

---------- Method=Organics Analyte=Fluoranthene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0079913	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0063348	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0087001	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0068335	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Fluorene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0098320	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0024012	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0085942	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073095	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Furfuryl Alcohol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-427	L	.	.0010646	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0006364	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0001625	ND	.002	mg/L	
SWMU 231	SOP-427	L	.	.0007572	ND	.002	mg/L	

N = 4

---------- Method=Organics Analyte=Gasoline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	L	.	0.00194	ND	0.05	mg/L	
Holloman 4 Sites	SW8015MP	L	0.67	0.67000	DET	0.05	mg/L	A
Holloman 4 Sites	SW8015MP	L	.	0.04232	ND	0.05	mg/L	

N = 3

---------- Method=Organics Analyte=Hexachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0040241	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0028149	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098928	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0067832	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Hexachlorobutadiene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0017536	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016963	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016046	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0089505	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Hexachlorocyclopentadiene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0010803	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0014687	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0010665	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0099795	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Hexachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0013134	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0038828	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0023317	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0068541	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Hexachlorophene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	

N = 4

---------- Method=Organics Analyte=Hexachloropropene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0091460	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0043677	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0071885	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0040895	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=Indeno(1,2,3-cd)pyrene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0097763	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0008581	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0089078	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0052046	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Isophorone ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0023659	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016620	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0030456	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0021708	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Isosafrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0061981	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	.0090932	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	.0023394	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	.0036227	ND	0.02	mg/L	

N = 4

---------- Method=Organics Analyte=Jet fuel ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	L	.	0.013715	ND	0.095	mg/L	
Holloman 4 Sites	SW8015ME	L	.	0.046693	ND	0.095	mg/L	
Holloman 4 Sites	SW8015ME	L	.	0.078107	ND	0.098	mg/L	

N = 3

---------- Method=Organics Analyte=Kerosene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015ME	L	.	0.038929	ND	0.095	mg/L	
Holloman 4 Sites	SW8015ME	L	.	0.063388	ND	0.095	mg/L	
Holloman 4 Sites	SW8015ME	L	.	0.046816	ND	0.098	mg/L	

N = 3

---------- Method=Organics Analyte=Methapyriline ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0047731	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0099926	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0031470	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0066149	ND	0.01	mg/L	

N = 4

--- Method=Organics Analyte=Methyl ethyl ketone (2-Butanone) ---

Oata Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0007183	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0023632	NO	0.01	mg/L	
SWMU 231	SW8240	L	.	.0023585	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0011208	ND	0.01	mg/L	

N = 4

------- Method=Organics Analyte=Methyl methanesulfonate --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0018220	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0065451	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0081491	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0017218	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Methylene chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.00099	.00099	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00130	.00130	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00160	.00160	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00090	.00090	DET	.005	mg/L	J

N = 4

------ Method=Organics Analyte=N-Nitroso-di-n-butylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0025028	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0075569	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0004431	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0034355	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=N-Nitroso-di-n-propylamine ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0046199	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0013858	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0059337	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0039600	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=N-Nitrosodiethylamine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0044412	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098131	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0074853	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098797	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=N-Nitrosodimethylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0080077	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0016831	ND	0.01	mg/L	
SWMU 231	SW8270	L	.009	.0090000	DET	0.01	mg/L	J
SWMU 231	SW8270	L	.	.0049974	ND	0.01	mg/L	

N = 4

-------- Method=Organics Analyte=N-Nitrosodiphenylamine --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0007316	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0045480	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0091218	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0024424	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=N-Nitrosomethylethylamine -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0035444	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057802	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0028641	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0032333	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=N-Nitrosomorpholine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0045469	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0089864	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0087107	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0048199	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=N-Nitrosopiperidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0002875	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0008191	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0018541	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0081614	ND	0.01	mg/L	

N = 4

--------- Method=Organics Analyte=N-Nitrosopyrrolidine ---------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0010242	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0049885	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0026170	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0037929	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Naphthalene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0050950	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0002906	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073868	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0054531	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Nitrobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0067668	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0085992	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0076131	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0074034	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Pentachlorobenzene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0007881	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0073858	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0061679	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0007553	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Pentachloroethane ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0010382	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0041476	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0034455	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0085433	ND	0.01	mg/L	

N = 4

------- Method=Organics Analyte=Pentachloronitrobenzene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.028248	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.046564	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.003293	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	0.004494	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=Pentachlorophenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0093417	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	.0047338	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	.0070970	ND	0.05	mg/L	
SWMU 231	SW8270	L	.	.0029302	ND	0.05	mg/L	

N = 4

---------- Method=Organics Analyte=Phenacetin ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0047970	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0092300	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0000392	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0060327	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Phenanthrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0027121	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0090594	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0074065	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0042172	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Phenol ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0079509	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0023269	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0002753	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0090773	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Pronamide ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0092554	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0041302	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0067863	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0070716	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Pyrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0052649	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0078544	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0085542	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0075048	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Pyridine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	0.007638	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.011553	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.011271	ND	0.02	mg/L	
SWMU 231	SW8270	L	.	0.002237	ND	0.02	mg/L	

N = 4

---------- Method=Organics Analyte=Safrole ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0041884	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0090949	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0008069	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0015484	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Styrene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0026112	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0012332	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0009600	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0041736	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Tetrachloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0015010	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0004756	ND	.005	mg/L	
SWMU 231	SW8240	L	.0088	.0088000	DET	.005	mg/L	
SWMU 231	SW8240	L	.	.0021468	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Tetrahydrofuran ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SOP-426	L	.	.0024572	ND	.0034	mg/L	
SWMU 231	SOP-426	L	.	.0029725	ND	.0034	mg/L	
SWMU 231	SOP-426	L	.	.0025052	ND	.0034	mg/L	
SWMU 231	SOP-426	L	.	.0025724	ND	.0034	mg/L	

N = 4

---------- Method=Organics Analyte=Toluene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	L	.00066	.0006600	DET	.0003	mg/L	C@
Holloman 4 Sites	SW8015MP	L	.00530	.0053000	DET	.0003	mg/L	ABI
Holloman 4 Sites	SW8015MP	L	.00015	.0001500	DET	.0003	mg/L	JBI
SWMU 231	SW8240	L	.00045	.0004500	DET	.0050	mg/L	J
SWMU 231	SW8240	L	.	.0001508	ND	.0050	mg/L	
SWMU 231	SW8240	L	.00019	.0001900	DET	.0050	mg/L	J
SWMU 231	SW8240	L	.00043	.0004300	DET	.0050	mg/L	J

N = 7

---------- Method=Organics Analyte=Total xylenes ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.00110	.00110	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00040	.00040	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00052	.00052	DET	.005	mg/L	J
SWMU 231	SW8240	L	.00100	.00100	DET	.005	mg/L	J

N = 4

---------- Method=Organics Analyte=Trichloroethene ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.00059410	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.00037459	ND	.005	mg/L	

---------- Method=Organics Analyte=Trichloroethene ----------
(continued)

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.00062	.00062000	DET	.005	mg/L	J
SWMU 231	SW8240	L	.	.00040771	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=Vinyl acetate ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0064398	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0030904	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0041729	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0003033	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Vinyl chloride ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0075904	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0028229	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0099235	ND	0.01	mg/L	
SWMU 231	SW8240	L	.	.0015688	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=Xylenes (total) ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
Holloman 4 Sites	SW8015MP	L	.00038	.00038	DET	.0005	mg/L	J
Holloman 4 Sites	SW8015MP	L	.00120	.00120	DET	.0005	mg/L	A@
Holloman 4 Sites	SW8015MP	L	.00026	.00026	DET	.0005	mg/L	J

N = 3

------ Method=Organics Analyte=bis(2-Chloroethoxy)methane ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0028481	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0031417	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0098415	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0007725	ND	0.01	mg/L	

N = 4

------- Method=Organics Analyte=bis(2-Chloroethyl) ether -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0013574	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057825	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0038877	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0051540	ND	0.01	mg/L	

N = 4

----- Method=Organics Analyte=bis(2-Chloroisopropyl)ether ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0045288	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0070950	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0003534	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0097044	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=bis(2-Ethylhexyl)phthalate ------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0079580	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0057131	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0035485	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0065956	ND	0.01	mg/L	

N = 4

------- Method=Organics Analyte=cis-1,3-Dichloropropene --------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0033667	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0036460	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0000986	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0015813	ND	.005	mg/L	

N = 4

---------- Method=Organics Analyte=o-Toluidine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0084992	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0010703	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0075322	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0096592	ND	0.01	mg/L	

N = 4

------ Method=Organics Analyte=p-Dimethylaminoazobenzene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.0024670	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0071490	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0060272	ND	0.01	mg/L	
SWMU 231	SW8270	L	.	.0093917	ND	0.01	mg/L	

N = 4

---------- Method=Organics Analyte=p-Phenylenediamine ----------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	
SWMU 231	SW8270	L	.	.	ND	.	mg/L	

N = 4

------- Method=Organics Analyte=trans-1,2-Dichloroethene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0042639	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0023486	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0022822	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0032833	ND	.005	mg/L	

N = 4

------ Method=Organics Analyte=trans-1,3-Dichloropropene -------

Data Source	Analytical Method	Lab Matrix	Result	Est. Conc (a)	Flag	RL	Units	Lab Footnote
SWMU 231	SW8240	L	.	.0034391	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0033659	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0018727	ND	.005	mg/L	
SWMU 231	SW8240	L	.	.0043747	ND	.005	mg/L	

N = 4

APPENDIX C

Methodology for Risk-Based Screening

C.1 Risk-Based Screen Methodology
C.2 References

Appendix C
METHODOLOGY FOR RISK-BASED SCREENING

C.1 Risk-Based Screen Methodology

The selection process of chemicals of concern (COCs) involves screening maximum detected constituent concentrations using U.S. EPA Region III screening guidance. A set of screening criteria for each of the detected constituents has been developed using the equations and default exposure parameters described in "Selecting Exposure Routes and Contaminants of Concern by Risk-Based Screening" (U.S. EPA, 1993). The most current toxicity values available from the EPA Integrated Risk Information Service (IRIS) and the EPA 1995 Health Effects Assessment Summary Tables (HEAST) were obtained for use in these equations. In addition, a provisional toxicity value was used for lead based on the U.S. EPA Memorandum "Revised Interim Soil Lead Guidance for CERCLA and RCRA Corrective Action Facilities" (U.S. EPA 1994). The equations and the parameters used in deriving the screening levels are shown in Table C-1.

The risk-based screening levels derived for this screen correspond to a lifetime cancer risk of 1×10^{-6} for carcinogens and a systemic hazard quotient of 0.1 for noncarcinogens. Although all of the Table 3 O/WS SWMUs are considered to be in industrial areas, the algorithms used address exposure from ingestion of contaminated soil in a residential scenario. This is more conservative than the industrial scenario and allows for an additional safety factor. Using these algorithms and parameters, the screening levels were derived according to EPA guidance. The maximum detected concentration for each COPC was compared to its calculated risk-based concentration (RBC) at all Phase I/II SWMUs. The results of this comparison for each SWMU are displayed in Tables C-2 through C-16 along with the toxicity values used for each constituent and the ratio of the maximum detected concentration to the RBC.

Constituents at each SWMU that were below the conservative screening levels were considered to pose no threat to human health and were eliminated as COCs. Those that exceeded the screen were retained for further consideration. Upon further evaluation, it was found that arsenic was present at levels above the risk-based screening level, but below the background UTL (see Appendix B for data). It is unlikely that arsenic is related to a release from any of the Table 3 O/WS SWMUs because it is commonly found at naturally occurring levels above the screening criteria at Holloman AFB and the surrounding areas. Based on this information, it was eliminated as a COC at all sites where it was below the background UTL. All other constituents exceeding the screen were carried forward for further evaluation in a SWMU-specific risk assessment. The methodology and results of this risk asssessment can be found in Appendix D.

C.2 References

U.S. EPA, "Selecting Exposure Routes and Contaminants of Concern by Risk-Based Screening", U.S. EPA Region III, Hazardous Waste Management Division, Office of Solid Waste Management, Philadelphia, PA. EPA/903/R-93-001. 1993.

U.S. EPA, "Revised Interim Soil Lead Guidance for CERCLA and RCRA Corrective Action Facilities", Office of Solid Waste and Emergency Response Directive #9355.4-12, Washington, D.C. EPA/540/F-94/043. 1994.

U.S. EPA, "Risk-Based Concentration Table Background Information", U.S. EPA Region III. Philadelphia, PA. 1995.

Table C-1
EPA Region III Screening Algorithms for Residential Soils

[a]Carcinogens:

$$C\ (mg/kg) = \frac{Risk \times 365\ days/yr \times ATc}{EF \times \frac{IFSadj}{10^6\ mg/kg} \times SFo}$$

[b]Non-Carcinogens:

$$C(mg/kg) = \frac{HQ \times RfDo \times BWc \times 365\ days/yr \times ATn}{EF \times EDc \times \frac{IRSc}{10^6\ mg/kg}}$$

Exposure Variables:

C	=	Risk-Based Concentration (mg/kg)
Risk	=	Target Cancer Risk (unitless): 10^{-6}
ATc	=	Averaging Time Carcinogens (y): 70
EF	=	Exposure Frequency (d/y): 350
IFSadj	=	Soil Ingestion Factor, Age Adjusted (mg-y/kg-d): 114.29
EDc	=	Exposure Duration, age 1-6 (y): 6
SFo	=	Chemical-Specific Oral Slope Factor $(mg/kg\text{-}day)^{-1}$
HQ[c]	=	Target Hazard Quotient (unitless): 0.1
RfDo	=	Chemical-Specific Oral Reference Dos (mg/kg/d)
BWc	=	Body Weight, Age 1-6 (kg): 15
ATn	=	Averaging Time Non-Carcinogens (y): 6
IRSc	=	Soil Ingestion, Age 1-6 (mg/d): 200

[a] Carcinogenic calculations are based on combined child and adult exposures
[b] Non-carcinogenic calculations are based on childhood exposure only.
[c] Reference: U.S. EPA, 1993.

Equations from:
U.S. EPA. Risk-Based Concentration Table. U.S. EPA, Region III, Hazardous Waste Management Division, Office of Superfund Programs, Philadelphia, PA. 1995.

Table C-2
Risk-Based Screening Results
SWMU 1

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
benzo(a)pyrene	50-32-8	0.00E+00	7.30E+00	2.16E-01	8.75E-02	2.47E+00	YES
Mercury	7439-97-6	3.00E-04	0.00E+00	2.37E+00	2.35E+00	1.01E+00	YES
Thallium	7440-28-0	8.00E-05	0.00E+00	6.77E-01	6.26E-01	1.08E+00	YES
2-Butanone	78-93-3	6.00E-01	0.00E+00	6.94E-01	4.69E+03	1.50E-04	NO
Acetone	67-64-1	1.00E-01	0.00E+00	2.93E+00	7.82E+02	3.75E-03	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.57E+00	3.65E-01	4.30E+00	NO[1]
Benzene	71-43-2	0.00E+00	2.90E-02	2.87E-03	2.20E+01	1.30E-04	NO
benzo(a)anthracene	56-55-3	0.00E+00	7.30E-01	8.76E-02	8.75E-01	1.00E-01	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	2.55E-01	4.56E+01	5.59E-03	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	2.33E-01	3.91E+00	5.96E-02	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	8.44E-01	7.82E+02	1.08E-03	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	7.47E+00	7.82E+03	9.60E-04	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	2.15E-01	8.75E+01	2.46E-03	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	5.17E-02	3.13E+01	1.65E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	7.58E+00	7.82E+02	9.69E-03	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	8.19E-02	3.13E+02	2.60E-04	NO
indeno(1,2,3-cd)pyrene	193-39-5	0.00E+00	7.30E-01	2.01E-01	8.75E-01	2.30E-01	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	4.16E+00	8.52E+01	4.89E-02	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	2.59E-01	3.13E+02	8.30E-04	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	7.79E-01	2.35E+02	3.32E-03	NO
Silver	7440-22-4	5.00E-03	0.00E+00	4.63E-01	3.91E+01	1.18E-02	NO
Toluene	108-88-3	2.00E-01	0.00E+00	8.12E+00	1.56E+03	5.19E-03	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	3.16E+01	1.56E+04	2.02E-03	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	7.14E-03	7.82E+03	0.00E+00	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	3.93E+01	2.35E+03	1.68E-02	NO
Phenanthrene	85-01-8	0.00E+00	0.00E+00	1.40E-01	NV	NV	NV
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	4.34E-01	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-3
Risk-Based Screening Results
SWMU 7

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
1,2-Dichloroethane	107-06-2	0.00E+00	9.10E-02	3.50E+00	7.02E+00	4.99E-01	NO
2-Methylphenol	95-48-7	5.00E-02	0.00E+00	4.13E-01	3.91E+02	1.06E-03	NO
4-Methylphenol	106-44-5	5.00E-03	0.00E+00	4.88E-02	3.91E+01	1.25E-03	NO
Acetone	67-64-1	1.00E-01	0.00E+00	3.69E+01	7.82E+02	4.72E-02	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.23E+00	3.65E-01	3.37E+00	NO[1]
Benzoic acid	65-85-0	4.00E+00	0.00E+00	1.72E+01	3.13E+04	5.50E-04	NO
Benzyl alcohol	100-51-6	3.00E-01	0.00E+00	2.18E-01	2.35E+03	9.00E-05	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	6.22E-02	3.13E+01	1.99E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	4.97E+01	7.82E+02	6.35E-02	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	1.21E-01	3.13E+02	3.90E-04	NO
Fluorene	86-73-7	4.00E-02	0.00E+00	6.66E-02	3.13E+02	2.10E-04	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	6.73E-03	2.35E+00	2.87E-03	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	5.77E-01	3.13E+02	1.84E-03	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	1.26E-01	2.35E+02	5.40E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	9.42E-02	3.91E+01	2.41E-03	NO
Toluene	108-88-3	2.00E-01	0.00E+00	3.77E+00	1.56E+03	2.41E-03	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	1.31E+02	1.56E+04	8.37E-03	NO
Trichloroethene	79-01-6	6.00E-03	1.10E-02	2.83E+00	4.69E+01	6.03E-02	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	2.17E-02	7.82E+03	0.00E+00	NO
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	2.45E-01	NV	NV	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	7.43E-02	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-4
Risk-Based Screening Results
SWMU 11

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
benzo(a)anthracene	56-55-3	0.00E+00	7.30E-01	3.74E+00	8.75E-01	4.27E+00	YES
benzo(a)pyrene	50-32-8	0.00E+00	7.30E+00	1.90E+00	8.75E-02	2.17E+01	YES
benzo(b)fluoranthene	205-99-2	0.00E+00	7.30E-01	1.58E+00	8.75E-01	1.81E+00	YES
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	5.98E+00	3.91E+00	1.53E+00	YES
indeno(1,2,3-cd)pyrene	193-39-5	0.00E+00	7.30E-01	1.96E+00	8.75E-01	2.24E+00	YES
1,1-Dichloroethane	75-34-3	1.00E-01	0.00E+00	1.75E-02	7.82E+02	2.00E-05	NO
1,1-Dichloroethene	75-35-4	9.00E-03	6.00E-01	2.05E-03	1.06E+00	1.93E-03	NO
1,2-Dichlorobenzene	95-50-1	9.00E-02	0.00E+00	2.08E-01	7.04E+02	3.00E-04	NO
1,2-Dichloroethane	107-06-2	0.00E+00	9.10E-02	3.91E-03	7.02E+00	5.60E-04	NO
1,2-Dichloropropane	78-87-5	0.00E+00	6.80E-02	1.96E-03	9.39E+00	2.10E-04	NO
1,4-Dichlorobenzene	106-46-7	0.00E+00	2.40E-02	7.60E-02	2.66E+01	2.86E-03	NO
2-Butanone	78-93-3	6.00E-01	0.00E+00	9.78E-01	4.69E+03	2.10E-04	NO
2-Chloroethylvinyl ether	110-75-8	2.50E-02	0.00E+00	4.52E-03	1.96E+02	2.00E-05	NO
4-Methylphenol	106-44-5	5.00E-03	0.00E+00	2.42E-01	3.91E+01	6.19E-03	NO
Acenaphthene	83-32-9	6.00E-02	0.00E+00	1.95E+00	4.69E+02	4.16E-03	NO
Acetone	67-64-1	1.00E-01	0.00E+00	8.86E-01	7.82E+02	1.13E-03	NO
Anthracene	120-12-7	3.00E-01	0.00E+00	2.62E+00	2.35E+03	1.12E-03	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.94E+00	3.65E-01	8.06E+00	NO[1]
Benzene	71-43-2	0.00E+00	2.90E-02	3.44E-02	2.20E+01	1.56E-03	NO
benzo(k)fluoranthene	207-08-9	0.00E+00	7.30E-02	4.57E-01	8.75E+00	5.22E-02	NO
Benzoic acid	65-85-0	4.00E+00	0.00E+00	4.82E+00	3.13E+04	1.50E-04	NO
Benzyl alcohol	100-51-6	3.00E-01	0.00E+00	4.84E-01	2.35E+03	2.10E-04	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	5.24E-01	4.56E+01	1.15E-02	NO
Bromodichloromethane	75-27-4	2.00E-02	6.00E-02	2.10E-03	1.06E+01	2.00E-04	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	1.06E-01	7.82E+02	1.40E-04	NO
Chlorobenzene	108-90-7	2.00E-02	0.00E+00	5.64E-02	1.56E+02	3.60E-04	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	5.95E+01	7.82E+03	7.61E-03	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	3.11E+00	8.75E+01	3.55E-02	NO
cis 1,2-Dichloroethene	156-59-2	1.00E-02	0.00E+00	1.54E-02	7.82E+01	2.00E-04	NO

Table C-4
(Continued)

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
dibenz(a,h)anthracene	53-70-3	0.00E+00	7.30E+00	5.80E-02	8.75E-02	6.63E-01	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	1.40E+00	3.13E+01	4.48E-02	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	8.54E+01	7.82E+02	1.09E-01	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	9.88E+00	3.13E+02	3.16E-02	NO
Fluorene	86-73-7	4.00E-02	0.00E+00	2.14E+00	3.13E+02	6.84E-03	NO
Lead	7439-92-1	0.00E+00	1.75E-03	2.70E+01	3.65E+02	7.40E-02	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	1.85E-02	2.35E+00	7.88E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	2.92E-02	8.52E+01	3.40E-04	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	1.61E+00	3.13E+02	5.15E-03	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	7.46E+00	2.35E+02	3.18E-02	NO
Silver	7440-22-4	5.00E-03	0.00E+00	4.81E-01	3.91E+01	1.23E-02	NO
Styrene	100-42-5	2.00E-01	0.00E+00	1.92E-03	1.56E+03	0.00E+00	NO
Tetrachloroethene	127-18-4	1.00E-02	5.20E-02	4.16E-03	1.23E+01	3.40E-04	NO
Toluene	108-88-3	2.00E-01	0.00E+00	7.56E-01	1.56E+03	4.80E-04	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	2.02E+02	1.56E+04	1.29E-02	NO
trans-1,2-Dichloroethene	156-60-5	2.00E-02	0.00E+00	3.07E-03	1.56E+02	2.00E-05	NO
Trichloroethene	79-01-6	6.00E-03	1.10E-02	5.88E+00	4.69E+01	1.25E-01	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	9.08E-01	7.82E+03	1.20E-04	NO
Vinyl chloride	75-01-4	0.00E+00	1.90E+00	3.07E-03	3.36E-01	9.13E-03	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	2.89E+02	2.35E+03	1.23E-01	NO
benzo(g,h,i)perylene	191-24-2	0.00E+00	0.00E+00	3.84E-01	NV	NV	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	8.94E+00	NV	NV	NV
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	7.98E-01	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-5
Risk-Based Screening Results
SWMU 12

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
benzo(a)pyrene	50-32-8	0.00E+00	7.30E+00	1.52E-01	8.75E-02	1.74E+00	YES
2-Butanone	78-93-3	6.00E-01	0.00E+00	2.23E-01	4.69E+03	5.00E-05	NO
Acetone	67-64-1	1.00E-01	0.00E+00	3.81E-01	7.82E+02	4.90E-04	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.20E+00	3.65E-01	3.29E+00	NO[1]
benzo(b)fluoranthene	205-99-2	0.00E+00	7.30E-01	2.15E-01	8.75E-01	2.46E-01	NO
benzo(k)fluoranthene	207-08-9	0.00E+00	7.30E-02	8.24E-02	8.75E+00	9.42E-03	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	6.70E-01	3.91E+00	1.71E-01	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	5.12E-02	7.82E+02	7.00E-05	NO
Chloroform	67-66-3	1.00E-02	6.10E-03	1.57E-03	7.82E+01	2.00E-05	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	1.26E+01	7.82E+03	1.61E-03	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	2.97E-01	8.75E+01	3.39E-03	NO
cis-1,3-Dichloropropene	542-75-6	3.00E-04	1.80E-01	2.25E-03	2.35E+00	9.60E-04	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	5.68E-02	3.13E+01	1.82E-03	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	2.92E-01	3.13E+02	9.30E-04	NO
Fluorene	86-73-7	4.00E-02	0.00E+00	7.10E-02	3.13E+02	2.30E-04	NO
indeno(1,2,3-cd)pyrene	193-39-5	0.00E+00	7.30E-01	1.77E-01	8.75E-01	2.02E-01	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	9.50E-01	2.35E+00	4.05E-01	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	3.09E-02	8.52E+01	3.60E-04	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	4.99E+00	3.13E+02	1.60E-02	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	2.92E-01	2.35E+02	1.24E-03	NO
Silver	7440-22-4	5.00E-03	0.00E+00	9.26E-01	3.91E+01	2.37E-02	NO
Tetrachloroethene	127-18-4	1.00E-02	5.20E-02	1.86E-03	1.23E+01	1.50E-04	NO
Toluene	108-88-3	2.00E-01	0.00E+00	8.52E-03	1.56E+03	1.00E-05	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	2.00E-03	1.56E+04	0.00E+00	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	1.06E-01	7.82E+03	1.00E-05	NO
benzo(g,h,i)perylene	191-24-2	0.00E+00	0.00E+00	1.27E-01	0.00E+00	0.00E+00	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	NV
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	2.50E+00	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-6
Risk-Based Screening Results
SWMU 14

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
1,2-Dichloroethane	107-06-2	0.00E+00	9.10E-02	3.07E-03	7.02E+00	4.40E-04	NO
Acetone	67-64-1	1.00E-01	0.00E+00	3.50E+00	7.82E+02	4.47E-03	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.69E+00	3.65E-01	7.37E+00	NO[1]
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	5.61E-01	3.91E+00	1.43E-01	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	8.07E-02	7.82E+02	1.00E-04	NO
Chloroform	67-66-3	1.00E-02	6.10E-03	4.07E-02	7.82E+01	5.20E-04	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	2.29E+01	7.82E+03	2.93E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	1.93E-01	7.82E+02	2.50E-04	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	9.14E-02	3.13E+02	2.90E-04	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	1.24E-02	2.35E+00	5.28E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	2.37E-02	8.52E+01	2.80E-04	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	1.11E-01	2.35E+02	4.70E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	3.68E-01	3.91E+01	9.41E-03	NO
Tetrachloroethene	127-18-4	1.00E-02	5.20E-02	3.88E-01	1.23E+01	3.16E-02	NO
Toluene	108-88-3	2.00E-01	0.00E+00	6.19E-03	1.56E+03	0.00E+00	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	4.90E-02	1.56E+04	0.00E+00	NO
Trichloroethene	79-01-6	6.00E-03	1.10E-02	3.67E-01	4.69E+01	7.82E-03	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	4.80E-02	7.82E+03	1.00E-05	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	2.89E+01	2.35E+03	1.23E-02	NO

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.

Table C-7
Risk-Based Screening Results
SWMU 16

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Acetone	67-64-1	1.00E-01	0.00E+00	2.31E-01	7.82E+02	3.00E-04	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	4.60E-03	7.82E+02	1.00E-05	NO
di-n-Butylphthalate	84-74-2	1.00E-01	0.00E+00	7.46E+00	7.82E+02	9.54E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	3.32E-03	7.82E+02	0.00E+00	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	1.24E-02	2.35E+00	5.28E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	3.43E-02	8.52E+01	4.00E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	1.53E+00	3.91E+01	3.91E-02	NO
Thallium	7440-28-0	8.00E-05	0.00E+00	1.52E-01	6.26E-01	2.43E-01	NO
Toluene	108-88-3	2.00E-01	0.00E+00	9.32E-03	1.56E+03	1.00E-05	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	7.79E-03	1.56E+04	0.00E+00	NO

Table C-8
Risk-Based Screening Results
SWMU 23

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
1,2-Dichlorobenzene	95-50-1	9.00E-02	0.00E+00	2.19E-01	7.04E+02	3.10E-04	NO
1,3-Dichlorobenzene	541-73-1	8.90E-02	0.00E+00	1.68E-01	6.96E+02	2.40E-04	NO
1,4-Dichlorobenzene	106-46-7	0.00E+00	2.40E-02	1.77E-01	2.66E+01	6.65E-03	NO
2-Butanone	78-93-3	6.00E-01	0.00E+00	1.34E+01	4.69E+03	2.86E-03	NO
2-Methylphenol	95-48-7	5.00E-02	0.00E+00	1.62E+00	3.91E+02	4.14E-03	NO
4-Methylphenol	106-44-5	5.00E-03	0.00E+00	3.01E+00	3.91E+01	7.70E-02	NO
Acetone	67-64-1	1.00E-01	0.00E+00	8.64E+00	7.82E+02	1.11E-02	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.03E+00	3.65E-01	5.56E+00	NO[1]
Benzene	71-43-2	0.00E+00	2.90E-02	1.02E+00	2.20E+01	4.63E-02	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	2.42E+01	4.56E+01	5.30E-01	NO
Butylbenzylphthalate	85-68-7	2.00E-01	0.00E+00	2.19E-01	1.56E+03	1.40E-04	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	4.96E-01	3.91E+00	1.27E-01	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	4.20E+00	7.82E+02	5.37E-03	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	5.37E+00	7.82E+03	6.90E-04	NO
di-n-Butylphthalate	84-74-2	1.00E-01	0.00E+00	7.42E+00	7.82E+02	9.49E-03	NO
di-n-Octylphthalate	117-84-0	2.00E-02	0.00E+00	1.59E-01	1.56E+02	1.02E-03	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	1.18E-01	3.13E+01	3.77E-03	NO
Dimethylphthalate	131-11-3	1.00E+01	0.00E+00	1.64E-01	7.82E+04	0.00E+00	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	5.48E+00	7.82E+02	7.01E-03	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	7.06E-02	3.13E+02	2.30E-04	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	1.20E-02	2.35E+00	5.11E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	4.65E+00	8.52E+01	5.46E-02	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	5.58E+00	3.13E+02	1.78E-02	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	4.29E-01	2.35E+02	1.83E-03	NO
Silver	7440-22-4	5.00E-03	0.00E+00	1.63E+00	3.91E+01	4.17E-02	NO
Toluene	108-88-3	2.00E-01	0.00E+00	1.23E+01	1.56E+03	7.86E-03	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	1.39E+01	1.56E+04	8.90E-04	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	1.96E-02	7.82E+03	0.00E+00	NO
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	9.94E+00	NV	NV	NV
4-Chloro-3-methylphenol	59-50-7	0.00E+00	0.00E+00	6.43E-02	NV	NV	NV
Acenaphthylene	208-96-8	0.00E+00	0.00E+00	9.41E-02	NV	NV	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	2.88E-01	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-9
Risk-Based Screening Results
SWMU 27

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
1,1-Dichloroethene	75-35-4	9.00E-03	6.00E-01	1.90E-03	1.06E+00	1.78E-03	NO
2,4-Dinitrotoluene	121-14-2	2.00E-03	6.80E-01	1.60E-01	9.39E-01	1.70E-01	NO
2-Butanone	78-93-3	6.00E-01	0.00E+00	1.89E+01	4.69E+03	4.03E-03	NO
2-Chloroethylvinyl ether	110-75-8	2.50E-02	0.00E+00	1.02E+00	1.96E+02	5.22E-03	NO
2-Methylphenol	95-48-7	5.00E-02	0.00E+00	4.62E+00	3.91E+02	1.18E-02	NO
3-Nitroaniline	99-09-2	3.00E-03	0.00E+00	6.27E-02	2.35E+01	2.67E-03	NO
4-Methylphenol	106-44-5	5.00E-03	0.00E+00	1.02E-01	3.91E+01	2.61E-03	NO
4-Nitroaniline	100-01-6	3.00E-03	0.00E+00	4.62E-02	2.35E+01	1.97E-03	NO
Acetone	67-64-1	1.00E-01	0.00E+00	1.66E+01	7.82E+02	2.12E-02	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.94E+00	3.65E-01	5.32E+00	NO[1]
Benzene	71-43-2	0.00E+00	2.90E-02	7.03E+00	2.20E+01	3.19E-01	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	6.48E-01	4.56E+01	1.42E-02	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	5.10E-01	3.91E+00	1.30E-01	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	6.18E-01	7.82E+02	7.90E-04	NO
Chlorobenzene	108-90-7	2.00E-02	0.00E+00	1.66E-03	1.56E+02	1.00E-05	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	6.86E+00	7.82E+03	8.80E-04	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	2.87E-01	8.75E+01	3.28E-03	NO
cis 1,2-Dichloroethene	156-59-2	1.00E-02	0.00E+00	2.04E-03	7.82E+01	3.00E-05	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	9.98E-01	3.13E+01	3.19E-02	NO
Dimethylphthalate	131-11-3	1.00E+01	0.00E+00	3.54E-01	7.82E+04	0.00E+00	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	1.51E+02	7.82E+02	1.93E-01	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	2.23E-01	3.13E+02	7.10E-04	NO
Fluorene	86-73-7	4.00E-02	0.00E+00	4.65E-01	3.13E+02	1.49E-03	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	2.03E-02	2.35E+00	8.65E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	1.64E+01	8.52E+01	1.93E-01	NO
n-Nitrosodiphenylamine (1)	86-30-6	0.00E+00	4.90E-03	1.14E-01	1.30E+02	8.70E-04	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	1.12E+01	3.13E+02	3.58E-02	NO

Table C-9
(Continued)

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Pyrene	129-00-0	3.00E-02	0.00E+00	1.95E-01	2.35E+02	8.30E-04	NO
Selenium	7782-49-2	5.00E-03	0.00E+00	1.10E+00	3.91E+01	2.81E-02	NO
Silver	7440-22-4	5.00E-03	0.00E+00	4.13E-01	3.91E+01	1.06E-02	NO
Thallium	7440-28-0	8.00E-05	0.00E+00	3.73E-01	6.26E-01	5.96E-01	NO
Toluene	108-88-3	2.00E-01	0.00E+00	1.09E+02	1.56E+03	6.97E-02	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	2.93E+02	1.56E+04	1.87E-02	NO
Trichloroethene	79-01-6	6.00E-03	1.10E-02	1.54E-03	4.69E+01	3.00E-05	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	1.64E-01	7.82E+03	2.00E-05	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	2.33E+01	2.35E+03	9.93E-03	NO
2-Hexanone	591-78-6	0.00E+00	0.00E+00	9.36E-03	NV	NV	NV
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	2.25E+01	NV	NV	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	4.86E-01	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-10
Risk-Based Screening Results
SWMU 28

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Arsenic	7440-38-2	3.00E-04	1.75E+00	3.72E+00	3.65E-01	1.02E+01	NO[1]
2-Butanone	78-93-3	6.00E-01	0.00E+00	1.34E-01	4.69E+03	3.00E-05	NO
Acetone	67-64-1	1.00E-01	0.00E+00	1.60E+00	7.82E+02	2.05E-03	NO
benzo(a)anthracene	56-55-3	0.00E+00	7.30E-01	1.17E-01	8.75E-01	1.34E-01	NO
benzo(b)fluoranthene	205-99-2	0.00E+00	7.30E-01	2.15E-01	8.75E-01	2.46E-01	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	1.30E-01	4.56E+01	2.85E-03	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	3.63E-01	3.91E+00	9.28E-02	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	9.64E-03	7.82E+02	1.00E-05	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	1.48E+01	7.82E+03	1.89E-03	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	1.53E-01	8.75E+01	1.75E-03	NO
Cobalt	7440-48-4	6.00E-02	0.00E+00	4.67E+00	4.69E+02	9.95E-03	NO
di-n-Butylphthalate	84-74-2	1.00E-01	0.00E+00	4.72E+00	7.82E+02	6.03E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	6.26E-03	7.82E+02	1.00E-05	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	1.58E-01	3.13E+02	5.10E-04	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	2.37E-02	2.35E+00	1.01E-02	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	4.53E-02	8.52E+01	5.30E-04	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	6.16E-01	3.13E+02	1.97E-03	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	2.27E-01	2.35E+02	9.70E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	1.85E+00	3.91E+01	4.73E-02	NO
Thallium	7440-28-0	8.00E-05	0.00E+00	2.45E-01	6.26E-01	3.92E-01	NO
Toluene	108-88-3	2.00E-01	0.00E+00	6.54E-03	1.56E+03	0.00E+00	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	1.74E-02	1.56E+04	0.00E+00	NO
Vanadium	7440-62-2	7.00E-03	0.00E+00	1.82E+01	5.48E+01	3.32E-01	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	1.60E-01	7.82E+03	2.00E-05	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	4.17E+01	2.35E+03	1.78E-02	NO
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	1.20E+00	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-11
Risk-Based Screening Results
SWMU 31

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Acetone	67-64-1	1.00E-01	0.00E+00	5.28E-01	7.82E+02	6.80E-04	NO
di-n-Butylphthalate	84-74-2	1.00E-01	0.00E+00	2.80E+00	7.82E+02	3.58E-03	NO
Dibenzofuran	132-64-9	4.00E-03	0.00E+00	2.28E-01	3.13E+01	7.29E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	3.18E-03	7.82E+02	0.00E+00	NO
Fluorene	86-73-7	4.00E-02	0.00E+00	2.28E-01	3.13E+02	7.30E-04	NO
Toluene	108-88-3	2.00E-01	0.00E+00	1.04E-02	1.56E+03	1.00E-05	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	2.88E-02	1.56E+04	0.00E+00	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	5.54E-03	7.82E+03	0.00E+00	NO
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	5.02E+00	NV	NV	NV
Phenanthrene	85-01-8	0.00E+00	0.00E+00	5.80E-01	NV	NV	NV

NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-12
Risk-Based Screening Results
SWMU 34

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Beryllium	7440-41-7	5.00E-03	4.30E+00	4.38E-01	1.49E-01	2.95E+00	YES
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	9.62E+00	3.91E+00	2.46E+00	YES
Acetone	67-64-1	1.00E-01	0.00E+00	1.99E+00	7.82E+02	2.54E-03	NO
Antimony	7440-36-0	4.00E-04	0.00E+00	1.77E+00	3.13E+00	5.66E-01	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.28E+00	3.65E-01	6.25E+00	NO[1]
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	1.37E+00	4.56E+01	3.00E-02	NO
Carbon disulfide	75-15-0	1.00E-01	0.00E+00	8.04E-03	7.82E+02	1.00E-05	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	1.08E+01	7.82E+03	1.38E-03	NO
Cobalt	7440-48-4	6.00E-02	0.00E+00	3.63E+00	4.69E+02	7.74E-03	NO
Copper	7440-50-8	3.70E-02	0.00E+00	1.26E+01	2.89E+02	4.35E-02	NO
Lead	7439-92-1	0.00E+00	1.75E-03	2.70E+01	3.65E+02	7.40E-02	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	1.60E-02	2.35E+00	6.82E-03	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	3.77E-02	8.52E+01	4.40E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	4.19E-01	3.91E+01	1.07E-02	NO
Vanadium	7440-62-2	7.00E-03	0.00E+00	1.24E+01	5.48E+01	2.26E-01	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	7.58E-03	7.82E+03	0.00E+00	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	5.08E+01	2.35E+03	2.17E-02	NO

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.

Table C-13
Risk-Based Screening Results
SWMU 37

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Acetone	67-64-1	1.00E-01	0.00E+00	1.30E-01	7.82E+02	1.70E-04	NO
Anthracene	120-12-7	3.00E-01	0.00E+00	4.75E-02	2.35E+03	2.00E-05	NO
Antimony	7440-36-0	4.00E-04	0.00E+00	1.74E+00	3.13E+00	5.56E-01	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.13E+00	3.65E-01	3.10E+00	NO[1]
benzo(a)anthracene	56-55-3	0.00E+00	7.30E-01	1.04E-01	8.75E-01	1.19E-01	NO
benzo(b)fluoranthene	205-99-2	0.00E+00	7.30E-01	1.12E-01	8.75E-01	1.28E-01	NO
benzo(k)fluoranthene	207-08-9	0.00E+00	7.30E-02	1.25E-01	8.75E+00	1.43E-02	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	1.39E-01	3.91E+00	3.55E-02	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	1.21E-01	8.75E+01	1.38E-03	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	2.59E-01	3.13E+02	8.30E-04	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	2.40E-02	8.52E+01	2.80E-04	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	2.12E-01	2.35E+02	9.00E-04	NO
Silver	7440-22-4	5.00E-03	0.00E+00	4.45E-01	3.91E+01	1.14E-02	NO
Thallium	7440-28-0	8.00E-05	0.00E+00	1.83E-01	6.26E-01	2.92E-01	NO
Toluene	108-88-3	2.00E-01	0.00E+00	1.59E-03	1.56E+03	0.00E+00	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	8.65E-03	7.82E+03	0.00E+00	NO
Phenanthrene	85-01-8	0.00E+00	0.00E+00	1.95E-01	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-14
Risk-Based Screening Results
SWMU 38

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
benzo(a)anthracene	56-55-3	0.00E+00	7.30E-01	6.49E+00	8.75E-01	7.42E+00	YES
benzo(a)pyrene	50-32-8	0.00E+00	7.30E+00	4.85E+00	8.75E-02	5.54E+01	YES
benzo(b)fluoranthene	205-99-2	0.00E+00	7.30E-01	8.69E+00	8.75E-01	9.93E+00	YES
Acetone	67-64-1	1.00E-01	0.00E+00	3.31E+00	7.82E+02	4.23E-03	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	1.16E+00	3.65E-01	3.18E+00	NO[1]
benzo(k)fluoranthene	207-08-9	0.00E+00	7.30E-02	2.20E+00	8.75E+00	2.51E-01	NO
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	1.45E+01	4.56E+01	3.18E-01	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	2.54E+00	3.91E+00	6.50E-01	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	3.12E+01	7.82E+03	3.99E-03	NO
Chrysene	218-01-9	0.00E+00	7.30E-03	1.06E+01	8.75E+01	1.21E-01	NO
cis 1,2-Dichloroethene	156-59-2	1.00E-02	0.00E+00	1.81E-03	7.82E+01	2.00E-05	NO
Cobalt	7440-48-4	6.00E-02	0.00E+00	2.20E+00	4.69E+02	4.69E-03	NO
Diethylphthalate	84-66-2	8.00E-01	0.00E+00	6.36E-01	6.26E+03	1.00E-04	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	4.99E-03	7.82E+02	1.00E-05	NO
Fluoranthene	206-44-0	4.00E-02	0.00E+00	1.02E+01	3.13E+02	3.26E-02	NO
indeno(1,2,3-cd)pyrene	193-39-5	0.00E+00	7.30E-01	6.51E-02	8.75E-01	7.44E-02	NO
Mercury	7439-97-6	3.00E-04	0.00E+00	5.17E-02	2.35E+00	2.20E-02	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	4.76E-02	8.52E+01	5.60E-04	NO
Pyrene	129-00-0	3.00E-02	0.00E+00	8.43E+00	2.35E+02	3.59E-02	NO
Silver	7440-22-4	5.00E-03	0.00E+00	6.28E-01	3.91E+01	1.61E-02	NO
Toluene	108-88-3	2.00E-01	0.00E+00	7.69E-03	1.56E+03	0.00E+00	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	5.92E-03	1.56E+04	0.00E+00	NO
Vinyl acetate	108-05-4	1.00E+00	0.00E+00	8.92E-03	7.82E+03	0.00E+00	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	1.14E+02	2.35E+03	4.86E-02	NO
Phenanthrene	85-01-8	0.00E+00	0.00E+00	1.50E+00	NV	NV	NV

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.
NV= No screening level can be calculated due to the lack of adequate toxicity information.

Table C-15
Risk-Based Screening Results
SWMU 41

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RB (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Acetone	67-64-1	1.00E-01	0.00E+00	2.90E-01	7.82E+02	3.70E-04	NO
Arsenic	7440-38-2	3.00E-04	1.75E+00	9.22E-01	3.65E-01	2.53E+00	NO[1]
bis(2-Ethylhexyl)phthalate	117-81-7	2.00E-02	1.40E-02	8.45E-02	4.56E+01	1.85E-03	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	2.02E-01	3.91E+00	5.17E-02	NO
di-n-Butylphthalate	84-74-2	1.00E-01	0.00E+00	3.84E+00	7.82E+02	4.91E-03	NO
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	9.68E-03	7.82E+02	1.00E-05	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	3.88E-02	8.52E+01	4.60E-04	NO
Toluene	108-88-3	2.00E-01	0.00E+00	8.33E-03	1.56E+03	1.00E-05	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	1.68E-02	1.56E+04	0.00E+00	NO

[1] Though arsenic exceeds the RBC, it has been eliminated as a chemical of concern because it was detected at less than the background UTL.

APPENDIX D

Quantitative Risk Assessment Results for SWMUs 1, 11, 12/13, 34, and 38

Attachment D.1: **Calculations**
Attachment D.2: **Toxicity Profiles**

Appendix D
QUANTITATIVE RISK ASSESSMENT RESULTS FOR SWMUs 1, 11, 12/13, 34, AND 38

As part of the Phase II RFI, a quantitative risk assessment was performed to determine the risk to human health and the environment from chemicals of concern (COCs) at 5 SWMUs. These SWMUs and COCs were identified from the results of the risk-based screen (see Appendix C). The methodology and results from this risk assessment are presented in the following sections:

- Section D.1—Identification of Potential Pathways and Receptors
- Section D.2—Identification of Chemicals of Concern
- Section D.3—Exposure Assessment
- Section D.4—Toxicity Assessment
- Section D.5—Characterization of Risk
- Section D.6—Results and Conclusions of the Risk Calculations

The quantitative risk assessment presented in this appendix is based on guidance found in *Risk Assessment Guidance for Superfund, Part A, Human Health Evaluation Manual* (RAGS) (U.S. EPA, 1989a). Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992) presents a detailed description of the methodology used to evaluate potential risks at Holloman AFB.

D.1 Identification of Potential Exposure Pathways and Receptors

This section identifies and describes the potential exposure pathways and receptors associated with any hazardous wastes and/or hazardous constituents connected with SWMUs 1, 11, 12/13, 34, and 38. These exposure pathways were identified through 1) assessment of the potential contaminant fate-and-transport routes that could serve as, or contribute to, exposure pathways; and 2) observation of, and speculation about the possible human and ecological receptors present and their activities that could lead to exposure. A complete exposure pathway consists of:

1) A contaminant source and release mechanism;
2) A medium through which contaminants may migrate or be retained (e.g., air, water, soil, and biota);
3) The presence of a receptor; and

4) An exposure route (e.g., ingestion).

A complete discussion of local and regional pathways and receptors was provided in the *Table 3 RFI Work Plan* (Radian, 1994). The focus of this section is on the pathways and receptors that are specific to the 5 Table 3 SWMUs evaluated in this risk assessment. Future land use at these SWMUs is expected to remain consistent with the current land use at all of these SWMUs.

D.1.1 Groundwater

The groundwater below Holloman AFB is designated as unfit for human consumption by New Mexico Water Quality Control Commission Regulations (NM WQCC 82-1, as amended through August 18, 1991, Parts 3-100 through 3-103) because it exceeds New Mexico human health standards for total dissolved solids (TDS) and sulfate. By EPA standards, the aquifer is not considered a source, or potential source, of drinking water. The groundwater is characterized by a low degree of interconnection to adjacent surface waters or groundwater of a higher class. Adjacent surface waters also have high TDS concentrations and are considered unfit for consumption. Groundwater does not connect or discharge to any adjacent aquifers.

Currently there are no potable supplies of surface or groundwater located on Holloman AFB. The primary source of fresh water for Holloman AFB is Lake Bonita, located 60 miles northeast of the Tularosa Basin. Because there are no water supply wells on Base, there are no complete exposure pathways for groundwater. Therefore, groundwater is not included in the quantitative risk assessment.

D.1.2 Surface Water

There are no surface water bodies within the immediate area of any of the SWMUs evaluated in this risk assessment. The nearest surface water is Lake Holloman, the final clarification pond for the wastewater treatment plant at Holloman AFB. Because of its high TDS and sulfate content, surface water in the area is not used as a potable water source for residential or agricultural use. On the basis of site reconnaissance and previous investigations, there are no complete exposure pathways for surface water, thus it is not included in the quantitative risk assessment (Radian, 1992).

D.1.3 SWMU-Specific Evaluations

The SWMUs evaluated in this risk assessment are all relatively small oil/water separators with unique access constraints that affect potential human and ecological pathways and receptors. The following

discussion of SWMU-specific parameters describes the most feasible pathways at each site as well as the receptors likely to be affected by them.

SWMU 1

This O/WS services a washrack used to wash pavement and grounds equipment. The site is covered by asphalt, drain rock and cement. In the areas where the COCs were identified, the ground cover is drain rock over approximately 18 inches of man-made fill material (interpreted as road-base). Access to the SWMU area is limited by a locked gate after working hours and is restricted during working hours to personnel involved in industrial support and facility maintenance activities. Heavy machinery is operated in the area during the hours that it is open. Privately owned vehicles are not permitted in the area. A residential housing area is located approximately 500 ft away, but due to the access constraints of the SWMU, residents are not likely to be exposed to the SWMU. Due to the industrial nature of the SWMU, it is not considered to be a likely wildlife habitat.

The receptors that face the greatest exposure risks are workers excavating in the contaminated soil. Excavation is possible in the event that the O/WS separator is removed or construction activities are initiated in the area. Construction workers in the area could potentially be exposed to contamination through incidental ingestion of soil, inhalation of fugitive dust, and dermal contact with contaminated soil.

SWMU 11

SWMU 11 serviced the jet engine maintenance area until it was removed and replaced with a new sediment trap in 1991. It is located in an isolated industrial area between Buildings 300 and 292. The are no residential receptors within close proximity of this SWMU. The area around the sediment trap is covered primarily with drain rock and some natural soil. The area is near the flightline, but access is not strictly limited. Due to the industrial activities at the SWMU, the proximity to the flightline, and lack of vegetative cover, it is not considered to be a good habitat for ecological receptors.

Potential receptors at the site include workers from Building 300 and 292. These workers do not work outdoors and are not in direct contact with the SWMU. Incidental exposure to the contaminants is also unlikely because none of the COCs are volatile, thus eliminating the inhalation of volatiles pathway. The most significant exposure pathway would occur in the event of excavation at the SWMU and removal of the sediment trap or future construction activities nearby. In the event of such excavation, workers could

potentially be exposed to contaminants via incidental ingestion of contaminated soil, inhalation of fugitive dust, or dermal contact with contaminated soil.

SWMUs 12/13

SWMUs 12 and 13 service the fire-engine vehicle maintenance areas in Building 304. These O/WSs were removed and replaced with a new O/WS in 1993. The location of the previous O/WSs as well as the new O/WS is covered with concrete and asphalt. However, benzo(a)pyrene, the only COC at the SWMUs, was detected approximately 10 ft from the edge of the asphalt in an area covered by drain rock. This SWMU is located on the flightline side of Building 304A in a restricted access area. Access is monitored by Base Security Police. The proximity to the flightline and the concrete coverage make these SWMUs unlikely wildlife habitats.

The only potential receptor at these SWMUs are construction workers in the event of future excavation. Incidental ingestion of benzo(a)pyrene-contaminated soil is the most likely exposure pathway. Dermal contact with contaminated soil is also a potential pathway. Inhalation of contaminated dust is possible, however benzo(a)pyrene is not well absorbed via inhalation of fugitive dust (ATSDR, 1993). In addition, inhalation toxicity information is not available for evaluation of this pathway.

SWMU 34

This O/WS was converted to a sediment trap in 1991 when a new O/WS was installed. It services the washrack in the Material Maintenance Group area formerly of Bare Base Mobility Squadron near Building 902. There are no residential areas in close proximity to this SWMU. Access to this area is limited to workers and contractors and is possible only with authorization from the Area Supervisor. The SWMU and surrounding area is covered with large cobbles and fenced within the Material Maintenance Group area. The lack of surrounding food and water sources, in addition to the absence of vegetative cover, make SWMU 34 an improbable wildlife habitat.

Exposure to contaminants at this site is unlikely to occur except in the event of excavation activities in the immediate vicinity of the sediment trap. In the event of excavation, workers could potentially be exposed to contamination via incidental ingestion of contaminated soil, dermal contact with contaminated soil, or inhalation of fugitive dust.

SWMU 38

SWMU 38 services the AGE maintenance operations in Building 1080. The O/WS has been abandoned in place and is inactive. This SWMU is located in the north-Base area. No residential areas or services are located in the north-Base area adjacent to the flightline. The SWMU and the area surrounding it are covered by concrete, asphalt or drain rock. Building 1080 personnel work primarily inside the maintenance area and on the tarmac south of the SWMU and are not directly exposed to the contaminated area. Indirect exposure is unlikely due to the fact that the contaminants are polycyclic aromatic hydrocarbons (PAHs) and are not likely to volatilize. Inhalation of contaminated dust is possible, however PAHs are not well absorbed via inhalation of fugitive dust. In addition, inhalation toxicity information is not available for evaluation of this pathway. The SWMU is located in an industrial area and is unlikely to serve as a significant wildlife habitat.

The only significant exposure to contamination at this site would again be through excavation of contaminated soil in the immediate vicinity of the SWMU. Incidental ingestion of contaminated soil and dermal contact with contaminated soil are the most likely exposure pathways.

Potentially complete exposure pathways for all SWMUs are presented in Table D-1.

D.2 Identification of Chemicals of Concern

A risk-based screen was used to determine the COCs from the much larger list of chemicals of potential concern (COPCs). The screen is a conservative method of narrowing down the constituents to be evaluated in the risk assessment. This screen compares maximum measured soil concentrations with residential screening criteria in accordance with the EPA Region III guidance *Selecting Exposure Routes and Contaminants of Concern* (EPA, 1993). The methodology and results of the risk-based screen used for the Table 3 SWMUs are presented in Appendix C. A complete list of all COPCs can also be found in Appendix C. The COCs for each SWMU evaluated in this risk assessment are presented in Table D-2.

Table D-1
Potentially Complete Exposure Scenarios

Exposure Route and Medium	Potentially Exposed Populations	Pathway Selected for Evaluation	Reason for Selection or Exclusion
Inhalation of volatile chemicals in ambient air	Workers excavating in or around the SWMUs	No	No volatile COCs were identified at any of these SWMUs.
Inhalation of fugitive dust in ambient air	Workers excavating in or around the SWMUs	Yes	Fugitive dust can disperse in the air resulting in inhalation exposure of workers excavating at the site.
Incidental ingestion of contaminated soil	Workers excavating in or around the SWMUs	Yes	Hypothetical future workers may inadvertently ingest contaminated soil during on-site activities.
Dermal contact with contaminated soil	Workers excavating in or around the SWMUs	Yes	Dermal contact with contaminated soil could occur as the result of on-site activities.
Deposition of fugitive dust on soil; ingestion and dermal contact with soil	Workers excavating in or around the SWMUs	No	Dermal contact with and ingestion of fugitive dust that is deposited is insignificant compared to contact with or ingestion of on-site soil.

Table D-2
Chemicals of Concern Evaluated for Each SWMU

SWMU 1	SWMU 11	SWMU 12/13	SWMU 34	SWMU 38
Benzo(a)pyrene Mercury Thallium	Benzo(a)pyrene Benzo(a)anthracene Benzo(b)fluoranthene Cadmium Indeno(1,2,3-cd)pyrene	Benzo(a)pyrene	Beryllium Cadmium	Benzo(a)pyrene Benzo(a)anthracene Benzo(b)fluoranthene

D.3 Exposure Assessment

Because of the unique nature of the SWMUs, a unique exposure scenario was developed for this risk assessment. As previously discussed, the pathways evaluated are ingestion of contaminated soil, inhalation of fugitive dust in ambient air, and dermal contact with contaminated soil. The exposure scenario parameters and the application of the selected pathways are discussed in this section.

D.3.1 Quantification of Exposure

Exposure scenarios commonly evaluate lifetime residential exposures and chronic industrial exposures. These exposure scenarios are highly unlikely at the five SWMUs being evaluated due to the volume and location of the contaminated soil, as well as the proximity of the SWMUs with respect to potential receptors. As previously discussed, these SWMUs are largely covered by concrete, asphalt, or drain rock and are in restricted access, highly industrialized or remote areas where public access is limited or unlikely. None of the COCs are volatiles, therefore eliminating potential exposure from contaminants that volatilize to the ambient air. Because the contamination is largely subsurface and covered, the only likely exposure would occur in the event of excavation as documented in Section D.1.3. Using this information, a conservative, but realistic exposure scenario was developed to estimate risks. Table D-3 describes the unique exposure factors associated with each of the SWMUs.

In order to evaluate the amount of time that workers could be exposed to contaminants, a conservative estimate of the amount of time required to excavate all of the potentially contaminated soil was developed for each of the SWMUs. This estimate was based on excavation and removal of the complete extent of contamination at each SWMU. To ensure that the estimate is conservative, productivity rates are adjusted for excavation near or around piping, in-situ excavation, and use of a ½ cubic yard capacity backhoe. Final rate calculations are based on the *Means Site Work and Landscape Cost Data* (Means, 1995). The small volume of soil for each SWMU and the amount of time required to complete the excavation are presented in Table D-4. The calculations are presented in Attachment D.1 to this appendix.

Table D-3
SWMU-Specific Considerations Affecting Potential Exposure Scenarios

SWMU	Access Limitations	Ground Cover in Contaminated Areas	Surrounding Land Use[a]	Distance to Nearest Residential Areas (ft)[b]	Other Relevant Site Information
1	Locked gate during non-work hours	Drain rock (surface) over road-base fill (~18 in.) and natural soil	Industrial	500	Located in a POV restricted area.
11	None	Drain rock over natural soil	Industrial	3000	Area is isolated between Buildings 292 and 300.
12/13	Area is on flightline side of Building 304A. Flightline access is restricted and monitored by Base Security Police	Drain rock over natural soil	Industrial	2950	None
34	Site located within fenced material Maintenance Group area. Access possible only to workers and contractors authorized by area Supervisor.	Large cobbles over natural soil	Industrial	10,600	None
38	None	Bare soil and concrete sidewalk	Industrial	7,750	Site is located in the north-Base area. No residential areas or services are located in the north-Base area.

POV = Privately owned vehicle
[a]Straight-line distance, measured from SWMU to edge of residential area

Table D-4
Time and Volume Required for Excavation of Soils Around SWMUs

Parameter	SWMU 1	SWMU 11	SWMU 12/13	SWMU 34	SWMU 38
Volume of potentially contaminated soil (yd^3)	1420.8	1506.7	1472.1	337.7	601.5
Estimate of time required to excavate and remove all contaminated soil from site (days)[a]	15.3 days	16.2 days	15.9 days	3.6 days	6.5 days

[a] 8 hr/day

Measured soil concentrations (mean and 95th upper confidence limit, or UCL, as defined in Appendix B) were used to represent exposure concentrations for the ingestion and dermal contact soil pathways. For conservatism, the maximum detected concentration for each of the COCs was used for the fugitive dust pathway. The concentrations for each of the COCs at the SWMUs being evaluated in this risk assessment are presented in Table D-5.

Table D-5
Concentrations of Chemicals of Concern at the SWMUs

SWMU/Analyte	Average (mg/kg)	Reasonable Maximum UCL (mg/kg)	Maximum Detect (mg/kg)
SWMU 1			
Benzo(a)pyrene	0.0384	0.0778	0.216
Mercury	0.227	0.615	2.37
Thallium	0.0296	0.442	0.677
SWMU 11			
Benzo(a)pyrene	0.19	0.538	1.9
Benzo(a)anthracene	0.39	1.07	3.74
Benzo(b)fluoranthene	0.158	0.448	1.58
Cadmium	0.828	1.88	5.98
Indeno(1,2,3-cd)pyrene	0.196	0.555	1.96
SWMUs 12/13			
Benzo(a)pyrene	0.0152	0.0431	0.152
SWMU 34			
Beryllium	0.232	0.357	0.438
Cadmium	1.92	5.03	9.62
SWMU 38			
Benzo(a)pyrene	0.818	2.44	4.85
Benzo(a)anthracene	1.09	3.27	6.49
Benzo(b)fluoranthene	1.46	4.37	8.69

D.3.2 Intake Assessment

The potentially complete exposure pathways identified for this risk assessment are 1) incidental ingestion of contaminated soil, 2) dermal contact with contaminated soil, and 3) inhalation of fugitive dust. As previously discussed, these pathways are only likely to affect construction workers

excavating in the immediate vicinity of the SWMUs. Table D-6 presents the exposure parameters used to determine the intake from incidental ingestion of soil. All COCs at the SWMUs were evaluated using this scenario.

Table D-6
Potential Intake from Ingestion of Contaminated Soil

Intake (mg/kg/day) = (CS x IR x CF x EF x ED)/(BW x AT)			
Exposure Variable	**Symbol**	**Average**	**Reasonable Maximum**
Chemical Concentration in Soil (mg/kg)	CS	Chemical Specific[a]	Chemical Specific[a]
Ingestion Rate (mg soil/day)	IR	100[b]	100[b]
Conversion Factor (kg/mg)	CF	1E-06	1E-06
Fraction Ingested from Contaminated Source (unitless)	FI	1[c]	1[c]
Exposure Frequency (days/year)	EF	SWMU Specific[d]	SWMU Specific[d]
Exposure Duration (years)	ED	1	1
Body Weight (kg)	BW	70[e]	70[e]
Averaging Time (days)	AT		
Noncarcinogenic Effects		SWMU Specific[d]	SWMU Specific[d]
Carcinogenic Effects		25,550[f]	25,550[f]

[a] See Table D-5 for concentrations in soil.
[b] Incidental soil ingestion rate for adults.
[c] Assumes 100% of soil consumption is from contaminated source.
[d] Time required for excavation of soil; SWMU 1 = 15.3, SWMU 11 = 16.2, SWMU 12/13 = 15.9, SWMU 34 = 3.6, SWMU 38 = 6.5. (See Table D-4).
[e] Body weight, adult, average (U.S. EPA, 1989b).
[f] 70 years x 365 days/year.

Table D-7 presents the parameters used to evaluate dermal contact with contaminated soil. Cadmium, mercury, and thallium were evaluated using this methodology. Because beryllium is not absorbed dermally, it was not evaluated using this scenario (ATSDR, 1993). PAHs were also not evaluated using the dermal contact pathway due to the lack of appropriate methodology for this evaluation (U.S. EPA, 1989a; U.S. EPA, 1994). Some PAHs are known to be dermal carcinogens through direct action at the point of application. These studies are based on repeated application of pure PAHs to the skin of laboratory animals. It is unknown if short-term exposure to the relatively low concentrations of PAHs found in the soil at these SWMUs can

cause similar effects. The toxicity profiles for individual PAHs in Attachment D.2 provide more information concerning the dermal pathway.

Table D-7
Potential Intake from Dermal Contact with Chemical in Contaminated Soil

Intake (mg/kg/day) = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT)			
Exposure Variable	**Symbol**	**Average**	**Reasonable Maximum**
Chemical Concentration in Soil (mg/kg)	CS	Chemical Specific[a]	Chemical Specific[a]
Conversion Factor (kg/mg)	CF	1E-06	1E-06
Skin Surface Area Available for Contact (cm^2/event)	SA	2000[b]	5300[c]
Soil to Skin Adherence Factor (mg/cm^2)	AF	0.2[d]	0.5[d]
Absorption Factor (unitless)	ABS	Chemical Specific[e]	Chemical Specific[e]
Exposure Frequency (events/year)	EF	SWMU Specific[f]	SWMU Specific[f]
Exposure Duration (years)	ED	1	1
Body Weight (kg)	BW	70[g]	70[g]
Averaging Time (days) Noncarcinogenic effects Carcinogenic effects	AT	 SWMU Specific[f] 25,550[j]	 SWMU Specific[f] 25,550[j]

[a] See Table D-5 for concentrations in soil.
[b] Adult, average (mean skin surface areas for forearms, hands, and head) (U.S. EPA 1989b).
[c] Adult, average (mean skin surface areas for forearms, upper arms, hands, and head) (U.S. EPA 1989b).
[d] Dermal Exposure Guidance (U.S. EPA, 1992)
[e] Chemical-specific absorption factors for organic and inorganic compounds.
[f] Time required for excavation of soil; SWMU 1 = 15.3, SWMU 11 = 16.2, SWMU 12/13 = 15.9, SWMU 34 = 3.6, SWMU 38 = 6.5. (See Table D-4).
[g] Body weight, adult, average (U.S. EPA, 1989b).
[h] 70 years x 365 days/year.

Attachment D.1 presents the parameters and calculations used to evaluate the inhalation of fugitive dust caused by excavation at the SWMUs. PAHs were not evaluated for this pathway as they are not commonly considered to pose respiratory risks as dust and are not well absorbed via this pathway (ATSDR, 1993). In addition, no inhalation toxicity values are available for PAHs. In order to evaluate this pathway for the inorganic constituents, safe concentrations in ambient air were calculated for each of the COCs being evaluated. Next, the particulate level at which point the COCs would meet or exceed this safe concentration

was calculated. Because this scenario will only occur in the event of excavation at the site, it is assumed that these excavation activities will comply with OSHA restrictions on the maximum allowable particulates for industrial settings. This maximum allowable dust level for particulates not otherwise regulated (PNOR) is 15 mg/m^3 (CFR 58.124). The particulate levels at which point the COCs will meet or exceed their safe concentrations were then compared to this OSHA maximum allowable dust level. These particulate levels at which point human health risk would be incurred far exceed the OSHA allowable level of 15 mg/m^3. It was determined from these calculations that the safe concentrations in ambient air could not be exceeded under safe working conditions. On the basis of these findings, inhalation of fugitive dusts are not expected to significantly contribute to risk.

D.4 Toxicity Assessment

Table D-8 presents the toxicity values for the COCs evaluated in this risk assessment. Toxicity values were obtained from EPAs Integrated Risk Information System (IRIS), July 1995; Health Effects Assessment Summary Tables (HEAST), Annual FY-1994; and other EPA memorandums from the Environmental Criteria and Assessment Office (ECAO). These information sources contain toxicity values used to evaluate risks associated with noncarcinogenic effects (reference doses and reference concentrations) and carcinogenic potential (slope factors, unit risk factors, and weight of evidence classifications). The general methodology used to assess the toxicity of the COCs is described in the *29 Sites Risk Assessment Report* (Radian, 1992). Attachment D.2 provides detailed toxicity profiles of the COCs evaluated in this report as well as the basis for the toxicity values used in this risk assessment.

D.5 Characterization of Risk

Risk characterization combines the potential exposure pathways and subsequently estimated intakes with the appropriate toxicity values to form quantitative and qualitative expressions of potential health risk. Estimated contaminant intake levels are compared with chemical-specific toxicity information to determine if current or future levels of contamination at or near the site warrant concern for human health.

D.5.1 Carcinogenic Effects

For the carcinogens (benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene, and beryllium), the probability that an individual will develop cancer after a lifetime of exposure is estimated from the estimated intake and the cancer slope factor. The carcinogenic risk is calculated for the oral exposure scenario by the equation:

$$\text{Risk} = \text{Intake} \times \text{Slope Factor}.$$

Table D-8
Toxicity Values for COPCs

Analyte	Oral Reference Dose (mg/kg/d)	Oral Slope Factor (kg x d/mg)	GI Absorption Factor	Dermal Reference Dose (mg/kg/d)	Dermal Slope Factor (kg x d/mg)
Benzo(a)pyrene	--	7.3[I]	NA	NA	NA
Benzo(a)anthracene	--	0.73[E]	NA	NA	NA
Benzo(b)fluoranthene	--	0.73[E]	NA	NA	NA
Beryllium	5E-3	4.3[I]	NA	NA	NA
Cadmium	1E-3[I]	--	0.20[A]	2E-4	--
Indeno(1,2,3-cd)pyrene	--	0.73[E]	NA	NA	--
Mercury	3E-4[I]	--	0.15[B]	4.5E-5	--
Thallium	8E-5[I]	--	0.99[C]	7.9E-5	--

[I] IRIS, 1995.
[E] = ECAO Provisional Guidance, U.S. EPA, 1994.
[a] ATSDR for Cadmium, 1991.
[b] ATSDR for Mercury, 1994.
[c] ATSDR for Thallium, 1992.

The cancer slope factor converts daily estimated intakes directly to an estimate of incremental risk. Because the slope factor is often an upper 95th percentile confidence limit or the probability of response based on experimental animal data and an assumption of the linearity in the low-dose portion of dose-response curves, the carcinogenic estimate will generally be an upper bound estimate. This means the risk estimates generated in this assessment are generally overestimated and the "true risk" probability is likely to be less than the predicted risk. The acceptable range for carcinogenic risk according to the EPA Superfund site remediation goal set forth in the National Contingency Plan (NCP) is 10^{-4} (1 in 10,000) to 10^{-6} (1 in 1,000,000). This range was derived to be protective of human health.

Cancer risk calculations for inhalation and dermal exposure were not calculated for beryllium or the PAHs. Chemical properties of the PAHs make it unlikely that they would be well absorbed from ambient air in the form of respirable dust. In the case of beryllium, it was determined from the calculations that beryllium would not be present in the ambient air at potentially harmful concentrations even in an excavation situation. A quantitative assessment of the dermal pathway was not carried out for the PAHs due to the lack of appropriate methodology as discussed previously in Section D.3.2. Beryllium is not absorbed dermally and therefore poses no risk via the dermal pathway. Carcinogenic risks for the oral pathway are summed for all

COCs to obtain a total carcinogenic risk via the oral pathway. Risks are not summed across pathways because there are no risk numbers for the dermal or inhalation pathways.

D.5.2 Noncarcinogenic Effects

For the noncarcinogens (mercury, thallium, and cadmium), comparisons are made between the estimated intakes based on the exposure assessment and the appropriate toxicity values for each COC. The toxicity values for noncarcinogens are expressed in terms of reference doses (RfDs) and reference concentrations (RfCs). The toxicity values used in this assessment are based on chronic exposure durations whereas the actual exposure duration used in the risk assessment is considered to be shorter than even a subchronic scenario. Chronic toxicity values were used because subchronic values were not always available. In addition, the chronic values are considered to be more protective. The hazard quotient (HQ) is calculated for each constituent by the following equation:

$$HQ = Intake / RfD.$$

The ratio of intake to toxicity value is the HQ. However, the HQ is not a statistical probability of a noncarcinogenic effect occurring and should not be interpreted as such. If the intake level exceeds the appropriate toxicity value (i.e., if HQ > 1), there may be concern for potential noncarcinogenic effects.

The estimated HQ for noncarcinogenic effects is generated on a chemical-by-chemical basis for both the dermal and oral pathways. The chemical-specific HQs are then segregated by the target organ and summed accordingly for each exposure pathway. This summation is designated as the hazard index (HI). Finally, the HIs for both pathways are summed to determine the total hazard index for the exposure scenario (U.S. EPA, 1989a).

D.6 Results and Conclusion of the Risk Calculations

This section discusses the findings from the risk calculations for both noncarcinogenic effects and carcinogenic risks. Calculations are based upon average and reasonable maximum exposure (RME) scenarios. Risks from each SWMU are calculated individually due to the unique exposure scenarios developed for each SWMU. Calculations for chemical- and pathway-specific risk values are presented in Attachment D.1. Table D-9 presents a summary of these results.

Table D-9
Summary of Results

Analyte	SWMU 1	SWMU 11	SWMU 12/13	SWMU 34	SWMU 38
Total Hazard Index					
Average	0.033	0.025	NA	0.058	NA
Reasonable Max.	0.703	0.359	NA	0.959	NA
Total Cancer Risk					
Average	2.4E-10	1.7E-09	9.86E-11	2.0E-10	2.9E-09
Reasonable Max.	4.9E-10	4.9E-09	2.79E-10	3.1E-10	8.5E-09

NA = Not applicable; HIs could not be calculated because there were no noncarcinogenic COCs at this SWMU.

D.6.1 SWMU 1

The complete exposure pathways considered at SWMU 1 are incidental ingestion of contaminated soil, dermal contact with contaminated soil, and inhalation of fugitive dust. Average and RME concentrations were evaluated for both carcinogenic and noncarcinogenic risk for the dermal contact and ingestion pathways. Carcinogenic risks for benzo(a) pyrene and noncarcinogenic risks for mercury and thallium are presented in Attachment D.1. The overall average and reasonable maximum carcinogenic risks for excavation workers at SWMU 1 are 2E-10 and 5E-10, respectively. The average and reasonable maximum noncarcinogenic hazard indices for the excavation worker scenario are 0.03 and 0.70, respectively. Both the carcinogenic and noncarcinogenic risk levels are within their respective acceptable ranges. Based on these results, adverse health effects are unlikely.

D.6.2 SWMU 11

Carcinogenic and norcarcinogenic risks for SWMU 11 are calculated based on dermal contact and incidental ingestion of contaminated soil. Inhalation of fugitive dust was also considered but is not included in the calculation of the overall risk numbers because the pathway was determined to not contribute significantly to risk under safe working conditions (see Attachment D-1). Average and reasonable maximum carcinogenic risks at SWMU 11 are 2E-9 and 5E-9, respectively. Average and reasonable maximum noncarcinogenic hazard indices are 0.03 and 0.36, respectively. These risk levels are all within acceptable ranges; therefore, adverse health effects from SWMU 11 are unlikely.

D.6.3 SWMUs 12 and 13

Benzo(a)pyrene is the only COC identified at SWMUs 12 and 13. Incidental ingestion of soil contaminated with benzo(a)pyrene was evaluated to determine the average and reasonable maximum

carcinogenic risks for workers excavating at these SWMUs. The average and reasonable maximum carcinogenic risks are 1E-10 and 3E-10, respectively. The risk values are well below the Superfund target risk range of 10^{-6} to 10^{-4} and are unlikely to cause adverse health effects. Hazard indices were not calculated for SWMUs 12 and 13 because no noncarcinogens were identified as COCs.

D.6.4 SWMU 34

Beryllium and cadmium were identified as COCs at SWMU 34. Pathways evaluated for this SWMU include dermal contact, incidental ingestion, and inhalation of fugitive dust. It was determined that the inhalation pathway would not contribute significantly to risk at this SWMU under safe working conditions and, subsequently, was not included in the calculation of risk. Beryllium is not absorbed dermally and was therefore evaluated for the ingestion pathway only. The total average and reasonable maximum carcinogenic risks are 2E-10 and 3E-10, respectively. Cadmium hazard indices include risks from the dermal pathway as well as from the ingestion pathway. The average and reasonable maximum hazard indices for cadmium are 0.06 and 0.96 respectively. Both the carcinogenic risks and the noncarcinogenic hazard indices are within acceptable ranges. Adverse effects are unlikely based on these results.

D.6.5 SWMU 38

PAHs (benzo(a)pyrene, benzo(a)anthracene, and benzo(b)fluoranthene) are the only COCs identified at SWMU 38. These constituents are evaluated for carcinogenic risks associated with incidental ingestion of contaminated soil. The total average and reasonable maximum carcinogenic risks are 3E-09 and 9E-09, respectively. These values are well below the Superfund target risk range of 10^{-6} to 10^{4}. No noncarcinogenic COCs were identified at SWMU 38; subsequently, there are no hazard indices. Adverse health effects due to exposure from SWMU 38 are unlikely based on these calculations.

D.6.6 Summary of Conclusions

None of the average or reasonable maximum hazard indices for any SWMU exceed 1.0. Carcinogenic risks for all SWMUs are well within the target range of 10^{-4} to 10^{-6}. Adverse health effects are unlikely at any of the SWMUs evaluated for construction workers excavating these sites. On the basis of these results, no further action at these SWMUs for the protection of human health is recommended.

D.7 Uncertainties

The background comparison was conducted by a means comparison. Arsenic is significantly higher than Base-wide background means, but the maximum detected values in surface soil and subsurface

soil were both below the Base-wide background upper tolerance limit (UTL). Arsenic was eliminated as a COC because it is present at the site at background concentrations.

General uncertainties associated with the selection of COCs, the exposure assessment, and the toxicity assessment are discussed in the *29 Sites Risk Assessment Report* (Radian, 1992).

D.8 References

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Cadmium,* 1991.

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Thallium,* 1992.

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Beryllium*, 1993a.

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Polycyclic Aromatic Hydrocarbons (PAHs)*, 1993b.

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Mercury*, 1994.

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U.S. EPA. *Selecting Exposure Routes and Contaminants of Concern by Risk-Based Screening.* Region III Technical Guidance Manual for Risk Assessment. 1993.

U.S. EPA. *Environmental Criteria and Assessment Office Memorandum on Provisional Values for PAHs.* August 1994.

ATTACHMENT D.1

Calculations

ATTACHMENT D.2

Toxicity Profiles

D2.1 Benzo[a]Anthracene

No information is available about specific levels of benzo[a]anthracene (B[a]A) that result in harmful effects in humans after inhalation, oral, or dermal exposure. Two studies exist which indicate that B[a]A, when administered to animals by gavage, results in the development of stomach tumors. While these studies were flawed and inadequate for the development of significant human exposure levels, they do provide tentative evidence for oral carcinogenicity. B[a]A has been shown to suppress the sebaceous glands in mouse skin following topical application. However, these studies failed to employ controls and, therefore, definitive conclusions concerning the dermal toxicity of B[a]A cannot be made (ATSDR, 1990).

It has been demonstrated experimentally that B[a]A induces skin tumors in mice receiving 0.34 mg/kg or more when applied to the skin for 50 weeks. No information linking human exposure to B[a]A and cancer is available. However, reports of exposure to mixtures of polyaromatic hydrocarbons (PAHs) containing B[a]A and the induction of cancer in humans provides some support for the potential carcinogenicity of this compound.

USEPA has not developed an oral RfD or an inhalation RfC for B[a]A. Toxicity values were *not* calculated to evaluate the noncarcinogenic effects of B[a]A, as no methodology firmly founded on scientific basis exists for such calculations.

USEPA has listed B[a]A as a Group B2—Probable Human Carcinogen. USEPA has not published a slope factor for B[a]A at this time. To evaluate the potential carcinogenic effects of [a]A, a provsional oral slope factor from ECAO was used . The basis for the calculation was the slope factor for benzo[a]pyrene (B[a]P) multiplied by a modifying factor. A slope factor of 0.73 $(mg/kg/day)^{-1}$ was derived by multiplying the slope factor of B[a]P (7.3E+00 $[mg/kg/day]^{-1}$) by the relative potency factor for B[a]A.

D2.1.1 References:

Agency for Toxic Substances and Disease Registray (ATSDR). *Toxicological Profile for Benzo(A)Anthracene*, 1990.

D2.2 Benzo[a]Pyrene

No information is available in the current literature concerning the levels of benzo[a]pyrene (B[a]P) which cause harmful effects in humans following inhalation, ingestion, or dermal exposure. Short- and long-term exposures to B[a]P (120 mg/kg/day for up to 6 months) caused death when ingested by animals. Deaths appeared to be due to bone marrow suppression. Offspring of animals fed 10 mg/kg/day B[a]P (or higher) during pregnancy had lower than normal birth weights and developmental/reproductive aberrations (e.g., alterations in gonadal development; decreased fertility; increased incidence of sterility). Reports on the effects of B[a]P following short-term dermal exposures in animals and intermediate exposures in humans suggest that B[a]P has deleterious effects on the skin. However, the studies failed to employ control groups and, therefore, conclusions about the dermal toxicity of B[a]P currently cannot be made (ATSDR, 1990).

The induction of cancer appears to be the key end point of toxicity following intermediate and long-term exposure to B[a]P by inhalation, ingestion, and dermal exposure since lower doses are required to induce tumors than other end points of toxicity. Experimental studies have demonstrated the ability of B[a]P to induce respiratory tract tumors in hamsters following long-term (lifetime) exposure to B[a]P as an aerosol at concentrations above 9.5 mg/m^3. Mice receiving B[a]P in the diet for 110 days (5.2 mg/kg/day) developed excess forestomach tumors. Long-term dermal exposure (1 μg/day) studies in animals have demonstrated the ability of B[a]P to induce skin tumors. No information correlating inhalation or dermal exposure of humans to B[a]P and cancer is available, although reports of lung and skin tumors in individuals exposed to mixtures of PAHs containing B[a]P lend some support for its carcinogenic potential.

USEPA has not developed an oral RfD for B[a]P. Toxicity values were *not* calculated to evaluate the noncarcinogenic effects of B[a]P, as no methodology firmly founded on scientific basis exists for such calculations.

USEPA has classified B[a]P as Group B2—Probable Human Carcinogen. IRIS lists an oral slope factor for B[a]P as 7.30E+00 $(mg/kg/day)^{-1}$. Human data specifically linking B[a]P to carcinogenic effects are lacking. However, there are numerous animal studies in many species that indicate that B[a]P is carcinogenic following administration by several routes.

D2.2.1 References

ATSDR (Agency for Toxic Substances and Disease Registry) (1990) *Toxicological Profile for Benzo(a)Pyrene*. U.S. Dept. of Health and Human Services, Atlanta, GA.

D2.3 Benzo[b]Fluoranthene

No information is available in the current literature concerning the levels of benzo[b]fluoranthene (B[b]F) which cause harmful effects in humans following inhalation, ingestion, or dermal exposure although inhalation and dermal exposure to mixtures of PAHs (including B[b]F) has been associated with the development of cancer in humans (ATSDR, 1990).

The levels and length of exposure to individual PAHs that result in human health effects cannot be determined from the data that are currently available. Therefore, exposure levels that presumably cause human health effects have been estimated from experimental studies conducted in laboratory animals. Estimates of exposure that pose minimal risks to humans have been made where data are believed to be reliable.

A minimal risk level of 3.6 ppm in food for short-term human exposure (less than or equal to 14 days) has been estimated for PAHs in general. This estimated minimum risk level (MRL) is based on experimental studies in which laboratory animals were fed B[a]P. Short-term exposure of mice to B[a]P in the diet caused birth defects. Long-term (6 months) exposure of mice resulted in adverse effects on the liver and blood. Adjustments to reflect human variability and, where appropriate, the uncertainty of extrapolating from animals to humans have been made. The MRL provides a basis for comparison with levels that people might encounter in food. Exposure of humans to levels of PAHs below the estimated MRL is not expected to result in harmful (noncancer) health effects (ATSDR, 1989).

It should be recognized that uncertainties are associated with use of MRLs, particularly with respect to PAHs since estimates were based on data obtained with B[a]P. It is well known that there are differences between different PAHs with regard to metabolism and, therefore, significant toxicologic difference may occur. MRLs have not been estimated for other routes of exposure (ATSDR, 1990).

No information is available on the effects of B[b]F in laboratory animals following exposure by inhalation, although B[b]F elicits respiratory tract tumors in rats following intratracheal instillation. B[b]F is carcinogenic following intermediate dermal exposure. Mice receiving doses of 2.9 mg/kg and higher, three times weekly (equivalent to an average daily dose of 1.2 mg/kg/day) developed an excess of malignant skin tumors when B[b]F was applied to the skin for up to one year. No information correlating inhalation or dermal exposure to B[b]F and cancer induction in humans is available, but reports of cancer among individuals exposed by inhalation or dermally to mixtures of PAHs containing B[b]F provide qualitative support for the carcinogenicity of this compound.

USEPA has not developed an oral RfD for B[b]F. Toxicity values were *not* calculated to evaluate the noncarcinogenic effects of B[a]P, as no methodology firmly founded on scientific basis exists for such calculations.

USEPA has listed B[b]F as a Group B2—Probable Human Carcinogen. While there are no human data that specifically link exposure to B[b]F with cancer, it is a component of mixtures that are associated with human cancer. Supporting data include the production of tumors in mice after lung implantation, intraperitoneal or subcutaneous injection and skin painting with B[b]F. USEPA has not published a slope factor for B[b]F at this time. A slope factor of 0.73 $(mg/kg/day)^{-1}$ was calculated by multiplying the slope factor for B[a]P by the relative potency factor for B[b]F.

D2.3.1 References

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicological Profile for Poly Aromatic Hydrocarbons*, 1989.

Agency for Toxic Substances and Disease Registry (ATSDR). *Toxicologic Profile for Poly Aromatic Hydrocarbons*, 1990.

D2.4 Beryllium

Various health effects related to beryllium exposure have been documented in human and animal investigations. Contact dermatitis is the most common beryllium-related toxic effect. Exposure to soluble beryllium compounds may result in papulovesicular lesions on the skin. It is a delayed-type hypersensitivity reaction. Acute chemical pneumonitis may result from inhalation of beryllium and occurs

almost immediately following inhalation of aerosols of soluble beryllium compounds, particularly the fluoride. Severity is dose-related and lethality has been reported. Chronic granulomatous pulmonary disease (berylliosis) may develop after exposure to insoluble beryllium compounds, particularly beryllium oxide. The major symptoms are shortness of breath and, in severe cases, cyanosis and clubbing of fingers. *In vitro* studies of genotoxicity have shown that beryllium will induce morphologic transformation in mammalian cells. It will also decrease fidelity of DNA synthesis, but is negative when tested as a mutagen in bacterial systems.

The oral RfD for beryllium is listed in IRIS as 5.0E-03 mg/kg/day. The NOAEL is listed as 5 ppm (0.54 mg/kg of body weight/day) in drinking water. The RfD value is based on a lifetime study of 52 weanling rats which received 0 or 5 ppm beryllium (as beryllium sulfate) in drinking water. At natural death, the rats were dissected and gross and microscopic changes were noted in the heart, kidney, liver, and spleen. There were no effects of treatment on these organs or on lifespan, urinalysis, serum glucose, cholesterol, and uric acid, or on numbers of tumors. Male rats experienced decreased growth rates from 2 to 6 months of age. In a similar study, doses of 0.95 mg/kg/day caused decreased body weights in female mice. Male mice exhibited slight increases in body weight. HEAST lists a value of 5.0E-03 mg/kg/day for the subchronic oral RfD.

The uncertainty factor applied to derivation of the oral RfD is 100. This factor accounts for interspecies (10X) conversion and for protection of sensitive human subpopulations (10X). The confidence level is low because only one dose level was administered. Although numerous inhalation investigations and a supporting chronic oral bioassay in mice exist, along with work that indicates a higher dose level may be a NOEL, these studies are considered low to medium in quality. Therefore, the database is given a confidence level of low.

Beryllium is classified as Group B2—Probable Human Carcinogen. This classification is based on its ability to induce lung cancer via inhalation in rats and monkeys and to induce osteosarcomas in rabbits via intravenous or intramedullary injection. Human epidemiology studies are considered to be inadequate. The oral slope factor is listed in IRIS as 4.3+00 $(mg/kg/day)^{-1}$, the inhalation unit risk value as 2.4E-03 $(\mu g/m^3)^{-1}$, and the inhalation slope factor as 8.4E+00 $(mg/kg/day)^{-1}$. The estimate for the oral slope factor is derived from a study which did not show a significant increase in tumorigenic response. While this study is limited by use of only one non-zero dose group and the occurrence of high mortality and unspecified time and site of the tumors, it was used as the basis of the quantitative estimate because exposure occurred via the most relevant route.

D2.4.1 References

ATSDR (Agency for Toxic Substances and Disease Registry) (1990) *Toxicological Profile for Beryllium.* U.S. Dept. of Health and Human Services, Atlanta, GA.

D2.5 Cadmium

Exposure to high levels of cadmium via inhalation severely damages the lungs and can cause death. Inhalation of lower levels for a period of years results in accumulation of cadmium in the kidneys that can cause kidney disease. Long-term exposure to cadmium by inhalation may also cause fragile bones.

Long-term exposure of workers to cadmium via inhalation in an occupational setting may increase the risk of developing lung cancer. Experimental studies indicate that mice and hamsters exposed to cadmium by inhalation do not develop lung cancer; however, rats clearly do. Pregnant female rodents that inhaled high levels of cadmium produced fewer litters and the pups exhibited more birth defects than usual. Inhalation of cadmium also causes liver damage and changes in the immune system in rats and mice. Currently, it is not known whether inhalation of cadmium affects the ability of humans to reproduce or has harmful effects on the fetus, liver, heart, nervous system, or immune system in humans (ATSDR, 1992).

Consumption of very high levels of cadmium in food or drink severely irritates the stomach and causes vomiting and diarrhea. Deaths from cadmium ingestion have only been documented in cases of suicide. Similar to exposure via inhalation, ingestion of lower levels of cadmium results in a build-up in the kidneys, resulting in kidney damage and fragile bones. Animals exposed to cadmium through the diet or in water, occasionally develop high blood pressure, iron poor blood, liver disease, and nerve or brain damage. Proof that humans develop these conditions is lacking. Studies in humans and animals have not indicated that eating or drinking cadmium increases the incidence of cancer. Dermal contact with cadmium is not known to cause adverse health effects in animals or humans (ATSDR, 1992).

IRIS lists the oral RfD for cadmium in water as 5.0E-04 mg/kg/day and in food as 1.0E-03 mg/kg/day. The RfD is based on the highest level of cadmium in the human renal cortex (200 μg cadmium/g wet renal cortex) not associated with significant proteinuria, the critical effect of interest. A toxicokinetic model was used to determine the highest level of exposure associated with the lack of a critical effect. An uncertainty factor of 10 was applied to account for intrahuman variability to the toxicity of this chemical in

the absence of specific data on sensitive individuals. The level of confidence in the RfD is high because of the many studies available on the toxicity of cadmium in both humans and animals. An inhalation RfD and RfC have not been established for cadmium.

USEPA has classified cadmium as a Group B1—Probable Human Carcinogen. Limited evidence of its carcinogenicity in humans is available from several epidemiologic studies which demonstrated a possible association with lung and prostate cancers. There is also sufficient evidence of cadmium's carcinogenicity in rats and mice by the inhalation route (lung tumors), intratracheal instillation (mammary tumors in female rats, multiple sites in males), and intramuscular or subcutaneous injection (injection site and distant site tumors). USEPA has not established an oral slope factor for cadmium. USEPA has established an inhalation unit risk of 1.8E-03 $(\mu g/m^3)^{-1}$ based primarily on an epidemiologic study of cadmium smelter workers in which an increased risk of lung, trachea, and bronchus cancer mortality was observed. The supporting study used a relatively large cohort and smoking and concurrent arsenic exposures were accounted for in the quantitative analysis for cadmium.

D2.5.1 References

ATSDR, *Toxicological Profile for Cadmium*, 1992

D2.6 Indeno[1,2,3-cd]Pyrene

No information is available in the current literature concerning the level of indeno[1,2,3]pyrene that results in harmful effects in humans following inhalation, ingestion, or dermal exposure although inhalation and dermal exposure to mixtures of PAHs has been associated with the development of cancer in humans (ATSDR, 1990).

The levels and length of exposure to individual PAHs that result in human health effects can not be determined from the data that are currently available. Therefore, exposure levels that presumably cause human health effects have been estimated from experimental studies conducted in laboratory animals. Estimates of exposure that pose minimal risks to humans have been made where data are believed to be reliable. A minimal risk level (MRL) of 3.6 ppm in food for short-term human exposure (less than or equal to 14 days) has been estimated for PAHs in general. This estimated MRL is based on experimental studies in which laboratory animals were fed benzo[a]pyrene. Short-term exposure of mice to benzo[a]pyrene in the

D2.8 Thallium

Thallium can affect the nervous system, lungs, liver, and kidneys if large amounts are ingested over short periods of time. Effects include temporary hair loss, vomiting, and diarrhea. Death may result if very large amounts are ingested (1 mg or greater). Chronic effects have not been determined. Animal reproductive organs, especially the testes, are damaged after drinking small amounts of thallium-contaminated water for 2 months. A minimal risk level of 0.003 ppm in water was derived from animal data from short-term exposure. MRLs provide a basis for comparison with levels that people might encounter in food or drinking water. Exposure to amounts below the MRL is not expected to cause harmful health effects (ATSDR, *Toxicological Profile for Thallium*, 1991).

Thallium forms complexes in solution with halogens, oxygen, and sulfur. The oral RfD for thallium sulfate is listed in IRIS as 8.0E-05 mg/kg/day. This value is based on a subchronic (90 day) oral study in which Sprague-Dawley rats were treated by gavage with 0, 0.01, 0.05, or 0.25 mg/kg/day. Dose-related increases in alopecia, lacrimation, and exophthalmos were observed throughout the study. Moderate dose-related changes were observed in blood chemistry parameters (SGOT, LDH, sodium, and sugar levels). The highest dose of thallium sulfate (0.25 mg/kg/day) was considered the NOAEL (converted to 0.20 mg/kg/day). An uncertainty factor of 3000 was applied to the NOAEL to derive the RfD. This uncertainty further adjusts for intra- (10X) and interspecies (10X) variability, extrapolation of a subchronic effect level to a chronic level (10X), and a factor of 3 to account for lack of reproductive and chronic toxicity. The confidence level in the RfD is low because of uncertainties in the results and because supporting studies report that health effects result at doses slightly higher than the NOAEL.

Thallium sulfate is classified as Group D—Not Classifiable as to Human Carcinogenicity. This classification is based on a lack of carcinogenicity data in animals and humans.

D2.8.1 References

ATSDR (Agency for Toxic Substances and Disease Registry) (1991) *Toxicological Profile for Thallium*. U.S. Dept. of Health and Human Services, Atlanta, GA.

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RFI Report

Table 3 RCRA Facility Investigation

Volume III

July 1995

49 CES/CEV
Holloman Air Force Base,
New Mexico

DCN 95-670-008-10

RFI REPORT
TABLE 3 RCRA FACILITY INVESTIGATION

Draft Final

Volume III

Prepared for:

49 CES/CEV
Holloman Air Force Base, NM

and

HQ ACC #CES/ESVR
Langley Air Force Base, VA

Prepared by:

Foster Wheeler Environmental Corporation
143 Union Blvd.
Suite 1010
Lakewood, Colorado 80203
303/988-2202

Radian Corporation
8501 North Mopac Blvd.
P.O. Box 201088
Austin, Texas 78720
512/454-4797

Under Contract No. DACW45-94-D-0003, DO No. 3, WAD No. 1 with:

U.S. Army Corps of Engineers
Omaha District
Omaha, Nebraska

July 1995

APPENDIX E

Photographs of Investigated Table 3 SWMUs

Appendix E
PHOTOGRAPHS OF INVESTIGATED TABLE 3 SWMUS

This appendix contains photographs of the oil/water separators and significant site features at SWMUs investigated during the Table 3 RFI. The photographs are organized in ascending order by SWMU and contain only those SWMUs which were investigated during Phase I and/or Phase II. A yard stick is included in many of the photographs for scale and shows 1-in. and 1-ft increments.

The majority of the photographs (i.e., those imprinted with a date on the photograph) were taken in 1993 during the literature search; therefore, recent upgrades and other modifications to the O/WS may not be shown. Following is a summary of these improvements:

- SWMU 11—A new sidewalk has been constructed and runs east/west across the site;
- SWMUs 12/13—The O/WSs depicted in the first photograph have been removed and replaced with a new separator as shown in later photographs;
- SWMU 14— A new steel lid has been installed to cover the O/WS;
- SWMU 34—A cinder block wall has been constructed around the separator, replacing the wall shown in the photograph; and
- SWMU 41—The waste oil tank (outlined in yellow in the photograph) has been removed.

Photographs not imprinted with a date were taken in 1994 during the field investigation and represent the current conditions at the SWMU. (An exception to this is the bottom photograph of SWMUs 12/13 on page E-6. Because of its orientation, the photograph of SWMUs 12/13 had to be trimmed to fit on the page and the date (10/93) was removed. The cracked concrete was repaired in conjunction with the installation of the new O/WS at the site in 1994.)

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SWMU 4—Building 131 O/WS. Photograph of separator looking west.

SWMU 7—Building 198 O/WS. Photograph of separator looking southwest.

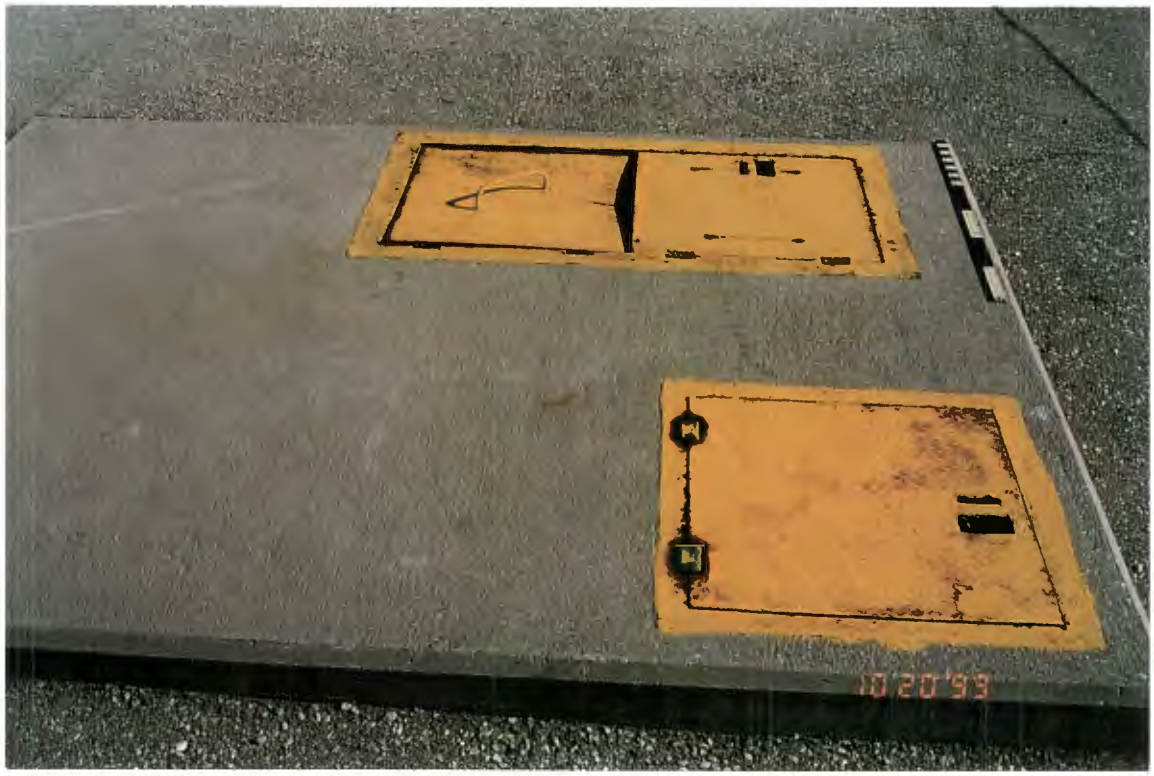
SWMU 11—Building 300 O/WS. Photograph of site looking southwest.

SWMU 11—Building 300 O/WS. Photograph of separator looking west.

SWMUs 12/13—Buildings 304 and 304A O/WS. Photograph of northwest corner of Building 304.

SWMUs 12/13—Buildings 304 and 304A O/WS. Photograph from the separator looking west towards the northwest corner of Building 304.

SWMU 16—Building 315 O/WS. Photograph of site looking southeast.



SWMU 16—Building 315 O/WS. Photograph of separator looking southeast.

SWMU 23—Building 938 O/WS. Photograph of separator looking north.

SWMU 24—Building 801 O/WS. Photograph of separator looking southwest.

SWMU 27—Building 810 O/WS. Photograph of site looking north.

SWMU 27—Building 810 O/WS. Photograph of site looking southeast.

SWMU 29—Building 827 O/WS. Photograph of separator looking west.

SWMU 31—Building 855 O/WS. Photograph of separator looking north.

SWMU 35—Building 903 O/WS. Photograph of separator looking east.

SWMU 37—Building 1080 O/WS. Photograph of separator looking west.

SWMU 41—Building 1266 O/WS. Photograph of separator looking west.

APPENDIX F

Field Data

Attachment F.1:	**Boring Logs**
Attachment F.2:	**Well Completion Diagrams**
Attachment F.3:	**Well Development Logs**
Attachment F.4:	**Groundwater Sampling Logs**
Attachment F.5:	**Slug Test Results**
Attachment F.6:	**Survey Data**

Appendix F
FIELD DATA

This appendix provides field data for the SWMUs included in this report and includes boring logs, well completion diagrams, well development logs, groundwater sampling logs, slug test data, and survey data. These data are provided in the attachments.

Notes for Boring Logs—The first page of the boring logs is a legend. Symbols used for each lithology are shown with a description of the soil type. Field screening results are shown in columns "e" and "f" and are recorded in parts per million as measured by an organic vapor meter (OVM). Columns "g" and "h" show the penetration rate and recovery, respectively. "NS" indicates that an interval was not sampled. For intervals where no numbers are shown, no result was recorded in the field (e.g., OVM was broken).

Column "i" shows the analytical sample identification number for each normal sample and duplicate sample (if one was collected). The date and time collected are listed below the sample ID. Analytical results for TRPH analysis by EPA 418.1M are shown in column "j." The data plotted is the analytical result for only normal samples (i.e., not duplicates or QA duplicates). Refer to Sections 4 and 5 of the report (or the Table 3 SQCSR [Radian, 1995]) for the exact analytical result.

Box number 11 of the boring logs indicates whether or not the boring was resampled, and the resample date. "NA" indicates not applicable.

Attachment F.1

Boring Logs

DPT SOIL BORING LOG

HOLE NO.	LEGEND
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU #, Holloman AFB, New Mexico
5. NAME OF DRILLER	Driller's name
6. MANUFACTURERS DESIGNATION OF DRILL	Type of Rig
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	Equipment 1; Equipment 2; Equipment 3; Equipment 4
8. HOLE LOCATION	Easting=100000; Northing=100000
9. SURFACE ELEVATION	4000 ft MSL
10. DATE STARTED/COMPLETED	
11. RESAMPLE DATE*	Only in Applicable
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	8.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	DISTURBED; UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	NA
20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M; E418.1; SW8260; SW8270; RCRA Metals
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	BACKFILL; MONITORING WELL; OTHER (SPECIFY)
End condition of hole	Backfill Material
23. SIGNATURE OF INSPECTOR	

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CL: Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.	Value in ppm	Value in ppm	EASY	Out of 2.0 ft.	SAMPLE ID# DUPLICATE ID# DATE TIME	<10 mg/kg
3998.0	2		SC: Clayey sands, sand-clay mixtures.						
			SM: Silty sands, sand-silt mixtures.			MODERATE			100 mg/kg
3996.0	4		SP: Poorly graded sands, gravelly sands.			HARD			1000 mg/kg
3994.0	6		GM: Silty gravels, gravel-sand-silt mixtures.			VERY HARD			10000 mg/kg
3992.0	8		GP: Poorly graded gravels, gravel-sand mixtures. Groundwater table indicated with symbol						
			GW: Well graded gravels, gravel-sand mixtures.						
3990.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	01-01
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670152.7852; Northing=553761.8279
9. SURFACE ELEVATION	4079.191 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy SILT with gravel: reddish brown (5YR4/4), damp, soft, medium plasticity, no gravel at 4 ft. (ML)	2.5	6.2		1	94-01-SO-01-01 10/20/94 0850	
4077.2	2			6.6	5.8		2		
4075.2	4		Silty SAND: poorly graded, angular, yellow (10YR7/6) and grayish brown (10YR5/2), saturated, very soft, non-plastic, grayish brown begins at 5 ft. (SM)	6	6		2		
4073.2	6			6	6		1.5	94-01-SO-01-02 10/20/94 1035	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-01

DPT SOIL BORING LOG

HOLE NO.	01-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670152.7305; Northing=553770.9119
9. SURFACE ELEVATION	4079.26 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	x		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, pale yellow (2.5Y8/3), damp, soft, non-plastic, contact at 1.3 ft. (SM)	5	4.5	moderate	1.5	94-01-S0-02-01 94-01-S0-02B-21 10/20/94 1102	
4077.2	2		Silty SAND: well graded, angular, brown (7.5YR4/2) and black (10YR2/1), damp to saturated, soft, non-plastic, staining begins at 5.0 ft. Water table encountered at 5.0 ft. (SM)	5.4	4.8	moderate	1		
4075.2	4			24.5	25	moderate	1.5	94-01-S0-02-03 10/20/94 1120	
4073.2	6			5.6	8.2	moderate	1	94-01-S0-02-02 10/20/94 1158	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-03
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670143.8327; Northing=553769.7526
9. SURFACE ELEVATION	4079.1355 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			GRAVEL with sand: poorly graded, angular, brown (7.5YR4/4), damp, soft, non-plastic, very loose material; poor recovery from 2 to 4 ft. (GP)	4.2	6.4		1	94-01-SO-03-01 10/20/94 1350
4077.2	2			4	4		0.5	
4075.2	4		Silty SAND: poorly graded, angular, very pale brown (10YR8/3) and black (10YR2/1), saturated, very soft, non-plastic, dark staining begins at 6 ft. (SM)	8.6	12.2		1.5	94-01-SO-03-03 10/20/94 1520
4073.2	6			2	19.4		1.5	94-01-SO-03-02 10/20/94 1520
4071.2	8			5.2	6.4		2	94-01-SO-03-04 10/20/94 1549
4069.2	10		Total Depth = 10 ft					

TRPH RESULT (mg/kg)** 10 100 1000 10,000

DPT SOIL BORING LOG

HOLE NO.	01-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME: Radian Corporation	2. DRILLING SUBCONTRACTOR: Target Environmental Services, Inc.
3. PROJECT: Table 3 RCRA Facility Investigation	4. LOCATION: SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER: Tim Rodifer	6. MANUFACTURERS DESIGNATION OF DRILL: Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: "EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner	8. HOLE LOCATION: Easting=670144.2998; Northing=553761.591
	9. SURFACE ELEVATION: 4079.097 ft MSL
	10. DATE STARTED/COMPLETED: 10/20/94
	11. RESAMPLE DATE*: NA
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 5 ft
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA
14. TOTAL DEPTH OF HOLE: 8.00 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with gravel: poorly graded, angular, reddish brown (5YR4/4) and pink (7.5YR7/3), damp, soft, very low plasticity. (SM)	6	4.2		1	94-01-S0-04-01 10/20/94 1608	
4077.0	2			5	3.2		1.5	94-01-S0-04-03 10/20/94 1644	
4075.0	4		Sandy SILT: poorly graded, angular, very pale brown (10YR8/3) and black (10YR2/1), damp, soft, low plasticity, visible staining at 5.5 ft. (ML)	4.2	7.5		1	94-01-S0-04-04 10/20/94 1705	
4073.0	6			2.2	12.6		1	94-01-S0-04-02 10/20/94 1720	
4071.0	8		Total Depth = 8 ft						
4069.0	10								

DPT SOIL BORING LOG

HOLE NO.	01-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670162.1052; Northing=553745.6863
9. SURFACE ELEVATION	4079.0904 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	6	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/3) and light brown (7.5YR6/3), saturated, soft, low plasticity. (SM)	7.8	3.6	hard	2	94-01-S0-05-01 10/21/94 0915	
4077.0	2		Sandy SILT: brown (7.5YR4/3), saturated, soft, low plasticity, homogeneous, becomes saturated at 2.5 ft. (ML)	6.2	15.6	moderate	1	94-01-S0-05B-01 94-01-S0-05B-21 12/1/94 1550	
4075.0	4		SAND with silt: poorly graded, fine-grained, angular, brown (7.5YR4/3) and light brown (7.5YR6/3), saturated, soft, low plasticity, soil becomes saturated at 2.5 ft. (SP)	5.4	8	easy	2	94-01-S0-05B-02 12/1/94 1605	
4073.0	6			6.2	6.5	easy	1.2	94-01-S0-05-02 94-01-S0-05-22 10/21/94 1000	
4071.0	8		Total Depth = 8 ft						
4069.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-05

DPT SOIL BORING LOG

HOLE NO.	01-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET	1 OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670170.6995; Northing=553753.0704
9. SURFACE ELEVATION	4078.9477 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.2 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Sandy SILT with gravel: brown (7.5YR4/3), damp, soft, low plasticity, gravels are angular. (ML)	5.2	5	hard	1.8	94-01-S0-06-01 10/21/94 1025
4077.0	2							
			Silty SAND with gravel: poorly graded, angular, brown (7.5YR4/3) and gray (10YR6/1), damp to saturated, soft, non-plastic, water table at 3.5 ft. (SM)	5.5	4	moderate	1.6	
4075.0	4			4.2	7.2	easy	2	
4073.0	6		Silty SAND: gray (10YR6/1), very soft, homogeneous, saturated. (SM)	5	25	easy	2	94-01-S0-06-02 10/21/94 1105
4071.0	8		Total Depth = 8 ft					
4069.0	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000

DPT SOIL BORING LOG

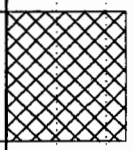
HOLE NO.	01-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670166.9686; Northing=553777.6673
9. SURFACE ELEVATION	4079.3991 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Sandy SILT with gravel: brown (7.5YR4/3), damp, soft, low plasticity, blocky. (ML)					
			Silty SAND with gravel: poorly graded, angular, brown (7.5YR5/3) and gray (10YR5/1), saturated, soft, low plasticity, visible staining at 5.5 ft., saturated at 3.0 ft (SM)	4.4	3.2	hard	1.6	94-01-S0-07-01 10/21/94 1145
4077.4	2			5	3	moderate	1.5	
4075.4	4			4.5	3	moderate	1.6	
4073.4	6			7	3.2	easy	1.6	94-01-S0-07-02 10/21/94 1220
4071.4	8			3.2	3	easy	2	94-01-S0-07-03 10/21/94 1246
4069.4	10		Total Depth = 10 ft					

TRPH RESULT (mg/kg)** 10 100 1000 10,000



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PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-07

DPT SOIL BORING LOG

HOLE NO.	01-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670153.7984; Northing=553790.5278
9. SURFACE ELEVATION	4079.4154 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp, soft, low plasticity, homogeneous. (SM)	5.3	4.8	moderate	1.5	94-01-SO-08-01 11/5/94 1439	
4077.4	2		Silty SAND with gravel: poorly graded, fine-grained, subangular, reddish brown (5YR4/3) and light brown (7.5YR6/4), saturated, soft, non-plastic, soil becomes saturated at 1.6 ft. (SM)	5	4	moderate	1.4		
4075.4	4			5.2	4.2	easy	2		
4073.4	6		Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6) and light brown (7.5YR6/4), saturated, soft, non-plastic, homogeneous. (SM)	4.8	6.2	easy	1.2	94-01-SO-08-02 11/5/94 1518	
4071.4	8		Total Depth = 8 ft						
4069.4	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-08

DPT SOIL BORING LOG

HOLE NO.	01-09
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670138.5889; Northing=553784.4705
9. SURFACE ELEVATION	4078.9872 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark reddish gray (5YR4/2), damp, soft, non-plastic. (SM)	4.5	16.8	moderate	1.8	94-01-S0-09-01 11/6/94 0810	
4077.0	2		Silty SAND: poorly graded, fine-grained, subangular, pinkish white (7.5YR8/2), damp, soft, non-plastic, saturated at 2.4 ft. (SM)	6.2	6.4	moderate	1.8		
4075.0	4		SAND with silt: poorly graded, fine-grained, subangular, reddish yellow (7.5YR7/6), saturated, soft, non-plastic. (SP)	6.2	6.4	moderate	2		
4073.0	6			6	7.3	moderate	1	94-01-S0-09-02 11/6/94 0840	
4071.0	8		Total Depth = 8 ft						
4069.0	10								

DPT SOIL BORING LOG

HOLE NO.	01-10
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670127.0117; Northing=553769.4368
9. SURFACE ELEVATION	4079.1821 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp, soft, low plasticity. (SM)	7.6	3.5	moderate	1	94-01-SO-10-01 94-01-SO-10-21 11/6/94 0900	
4077.2 ▼	2		Silty SAND: poorly graded, fine-grained, subangular, gray (7.5YR6/1) and reddish yellow (7.5YR7/6), saturated, very soft, non-plastic, slight staining to 4.3 ft. (SM)	6	5.6	moderate	1.2	94-01-SO-10-02 11/6/94 0915	
4075.2	4			5.2	3.6	moderate	2		
4073.2	6			6	4	moderate	2	94-01-SO-10-03 11/6/94 0933	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-11
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670135.5708; Northing=553750.6842
9. SURFACE ELEVATION	4079.2188 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp, soft, low plasticity, lightly stained. (SM)	4.8	3.8	moderate	2	94-01-SO-11-01 11/6/94 1020	
4077.2	2		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/3) and reddish yellow (7.5YR7/6), saturated, soft, non-plastic, soil becomes saturated at 2.0 ft. (SM)	3.2	2.6	moderate	1.8	94-01-SO-11-02 11/6/94 1035	
4075.2	4			3.3	2.8	moderate	1.7		
4073.2	6			3.1	2.9	easy	1.3		
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-12
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670152.1676; Northing=553736.9242
9. SURFACE ELEVATION	4079.1906 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp, soft, low plasticity, soil becomes saturated at 2.8 ft. (SM)	3.1	4.4	moderate	2	94-01-SO-12-01 11/6/94 1130	
4077.2	2			3	2.8	moderate	1.5		
4075.2	4		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4) and reddish yellow (5YR7/6), saturated, soft, non-plastic. (SM)	3	2.5	moderate	2		
4073.2	6			3.5	2.6	moderate	1	94-01-SO-12-02 11/6/94 1200	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-12

DPT SOIL BORING LOG

HOLE NO.	01-13
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670172.2157; Northing=553732.6783
9. SURFACE ELEVATION	4079.1385 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/4), damp, soft, non-plastic, soil appears saturated at 1.5 ft. (SM)	3.5	4.2	moderate	1.8	94-01-S0-13-01 11/6/94 1330	
4077.2	2		Silty SAND: poorly graded, fine-grained, subangular, pink (5YR7/4) and reddish brown (5YR4/4), color change at 5.4 ft. (SM)	2.9	2.6	moderate	1.5		
4075.2	4			3.6	2.6	moderate	2		
4073.2	6			3	2.4	easy	0.6		
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-14
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670181.525; Northing=553746.9068
9. SURFACE ELEVATION	4078.9841 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, subangular, reddish brown (5YR4/3), damp to saturated, soft, non-plastic. (SM)	4.2	2.9	moderate	2	94-01-S0-14-01 11/6/94 1435	
4077.0	2		Silty SAND: poorly graded, fine-grained, subangular, reddish brown (5YR4/4), saturated, soft, non-plastic, gray staining between 5.7 and 8.5 ft, saturated at 2.7 ft. (SM)	2.5	2.7	moderate	1.3		
4075.0	4			3	2	moderate	1.8	94-01-S0-14-02 11/6/94 1455	
4073.0	6			2.6	3.8	easy	1.2	94-01-S0-14-03 11/6/94 1504	
4071.0	8			2.5	3	hard	2		
4069.0	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-14

DPT SOIL BORING LOG

HOLE NO.	01-15
SHEET 1 OF 2 SHEETS	

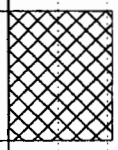
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670180.319; Northing=553764.957
9. SURFACE ELEVATION	4079.282 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.2 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/2), damp, firm, non-plastic. (SM)	10.5	8.6	moderate	2	94-01-S0-15-01 11/7/94 0825
4077.2	2		Silty SAND: poorly graded, fine-grained, subangular, gray (7.5YR6/1) and gray (7.5YR5/1), saturated, very soft, non-plastic, gray staining to 11.2 ft, slight odor to 6 ft. (SM)	52	14	moderate	1	
4075.2	4			56	75	easy	1.2	
4073.2	6			4.3	4.6	easy	2	94-01-S0-15-02 11/7/94 0905
4071.2	8			3.9	5	easy	2	
4069.2	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000



0 2 4 6 8 10

DPT SOIL BORING LOG

HOLE NO. 01-15

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				2.8	2.9	easy	2		
4067.2	12		Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-15

DPT SOIL BORING LOG

HOLE NO.	01-16
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670192.4967; Northing=553808.181
9. SURFACE ELEVATION	4080.5168 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, subangular, reddish yellow (5YR6/6), damp, soft, non-plastic, soil becomes saturated at 3.6 ft. (SM)	0.2	4.7	moderate	1.4	94-01-SO-16-01 11/7/94 1050	
4078.6	2			2	2.4	moderate	1		
4076.6	4		Silty SAND: poorly graded, fine-grained, subangular, light reddish brown (5YR6/4) and pink (5YR7/4), saturated, soft, non-plastic. (SM)	2.2	2.4	moderate	2		
4074.6	6			2.1	2.8	moderate	0.2		
4072.6	8		Total Depth = 8 ft						
4070.6	10								

DPT SOIL BORING LOG

HOLE NO.	01-17
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670190.2307; Northing=553732.5128
9. SURFACE ELEVATION	4079.1819 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, pink (7.5YR8/4), damp to saturated, soft, non-plastic, soil becomes saturated at 1.8 ft. (SM)	4.1	5.9	moderate	1.5	94-01-SO-17-01 11/7/94 1448	
4077.2	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/4) and reddish yellow (7.5YR6/6), saturated, soft, non-plastic. (SM)	4.3	2.9	moderate	0.8		
4075.2	4			4.1	2.7	easy	2		
4073.2	6			4.6	2.9	easy	1.2		
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-18
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670196.781; Northing=553751.788
9. SURFACE ELEVATION	4079.2031 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp to saturated, soft, non-plastic, soil becomes saturated at 1.5 ft. (SM)	4.4	3.8	moderate	1.5	94-01-SO-18-01 11/7/94 1530	
4077.2	2		Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR8/4) and light brown (7.5YR6/3), saturated, soft, non-plastic. (SM)	4.5	4	moderate	1.4		
4075.2	4			3.6	2.7	easy	1.2		
4073.2	6			3.6	3.2	easy	1.4		
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-19
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670116.4921; Northing=553803.0371
9. SURFACE ELEVATION	4079.0325 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/3), damp, soft, non-plastic, soil becomes saturated at 1.6 ft. (SM)	7	10.3	moderate	1.2	94-01-S0-19-01 12/1/94 1225	
4077.0	2		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/3), saturated, soft, non-plastic. (SM)						
			Interval not sampled.				NS		
4075.0	4		Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6), saturated, very soft, non-plastic. (SM)	6.5	3.9	moderate	2	94-01-S0-19-02 12/1/94 1240	
4073.0	6		Total Depth = 6 ft						
4071.0	8								
4069.0	10								

DPT SOIL BORING LOG

HOLE NO.	01-20
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670106.5152; Northing=553788.1157
9. SURFACE ELEVATION	4079.0475 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR5/4), damp, soil becomes saturated 1.4 ft. (SM)	4.7	6	moderate	1.5	94-01-S0-20-01 94-01-S0-20-21 12/1/94 1300	
4077.0	2		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/3), saturated, soft, non-plastic, homogeneous, saturated at 1.4 ft. (SM)						
			Interval not sampled.				NS		
4075.0	4		Silty SAND: poorly graded, fine-grained, subangular, black (10YR2/1), very soft, non-plastic, staining and odor at this interval. (SM)	44	80	easy	2	94-01-S0-20-02 12/1/94 1312	
4073.0	6		Total Depth = 6 ft						
4071.0	8								
4069.0	10								

DPT SOIL BORING LOG

HOLE NO.	01-21
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670105.1181; Northing=553752.746
9. SURFACE ELEVATION	4079.1829 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light brown (7.5YR6/3), damp, soft, non-plastic. (SM)	4	4.5	moderate	1.4	94-01-S0-21-01 12/1/94 1330	
4077.2	2		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4), saturated, soft, non-plastic, homogeneous, saturated at 1.7 ft. (SM)						
			Interval not sampled.				NS		
4075.2	4		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4) and reddish yellow (7.5YR7/6), saturated, very soft, non-plastic. (SM)	4.6	4	moderate	2	94-01-S0-21-02 12/1/94 1345	
4073.2	6		Total Depth = 6 ft						
4071.2	8								
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-22
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670126.7338; Northing=553738.3676
9. SURFACE ELEVATION	4079.3995 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR5/3), damp, very soft, non-plastic. (SM)	4.8	4.2	moderate	1.3	94-01-SO-22-01 12/1/94 1400	
4077.4	2		Silty SAND: poorly graded, fine-grained, reddish brown (5YR5/3), damp, soft, low plasticity. (SM)						
			Interval not sampled.				NS		
4075.4 ▼	4		Silty SAND: poorly graded, fine-grained, subangular, reddish brown (5YR5/3) and pink (5YR8/4), saturated, very soft, non-plastic, soil becomes saturated at 4.0 ft. (SM)	4.8	4.2	moderate	2	94-01-SO-22-02 94-01-SO-22-22 12/1/94 1415	
4073.4	6		Total Depth = 6 ft						
4071.4	8								
4069.4	10								

DPT SOIL BORING LOG

HOLE NO.	01-23
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670137.0871; Northing=553717.7196
9. SURFACE ELEVATION	4078.9034 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Clayey SAND with gravel: poorly graded, fine-grained, reddish brown (5YR5/4), damp, low plasticity. (SC)	4.4	4.5	moderate	1.1	94-01-S0-23-01 12/1/94 1435	
4077.0	2		Interval not sampled.				NS		
4075.0	4		Clayey SAND: poorly graded, fine-grained, brown (7.5YR4/4), saturated, firm, low plasticity, soil is saturated at 4.0 ft. (SC)	4.2	4.2	moderate	2	94-01-S0-23-02 12/1/94 1450	
4073.0	6		Total Depth = 6 ft						
4071.0	8								
4069.0	10								

DPT SOIL BORING LOG

HOLE NO.	01-24
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670157.6329; Northing=553712.7355
9. SURFACE ELEVATION	4078.8563 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Clayey SAND with gravel: poorly graded, fine-grained, reddish brown (5YR5/4), damp, firm, low plasticity. (SC)	4	3.9	moderate	1.8	94-01-S0-24-01 12/1/94 1510	
4076.8	2		Interval not sampled.				NS		
4074.8	4		Clayey SAND: poorly graded, fine-grained, reddish yellow (5YR6/6), saturated, firm, low plasticity, soil is saturated at 4.0 ft. (SC)	3	4.3	moderate	2	94-01-S0-24-02 12/1/94 1522	
4072.8	6		Total Depth = 6 ft						
4070.8	8								
4068.8	10								

DPT SOIL BORING LOG

HOLE NO.	01-25
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670093.6962; Northing=553819.2726
9. SURFACE ELEVATION	4079.3941 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3) and pink (7.5YR8/3), damp, firm, non-plastic, water line hit at 2.0 ft while pushing to 4 ft., No recovery past 2.0 ft. (SM)	1.8	5.4	moderate	1	94-01-S0-25-01 12/3/94 0740	
4077.4	2		Total Depth = 2 ft						
4075.4	4								
4073.4	6								
4071.4	8								
4069.4	10								

DPT SOIL BORING LOG

HOLE NO.	01-26
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670079.339; Northing=553799.7009
9. SURFACE ELEVATION	4079.1958 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish yellow (7.5YR7/6) and black (10YR2/1), damp, firm, low plasticity, visible stain and odor to 2.0 ft. (SM)	50	510	moderate	2	94-01-SO-26-01 94-01-SO-26-21 12/3/94 0905	
4077.2	2		Clayey SAND: poorly graded, fine-grained, black (10YR2/1), damp, low plasticity, odor and oily texture. (SC)						
			Silty SAND: poorly graded, fine-grained, pinkish white (7.5YR8/2), damp, firm, non-plastic. (SM)				NS		
4075.2	4		Interval not sampled.						
			Silty SAND: poorly graded, fine-grained, reddish yellow (5YR7/6), saturated, firm, non-plastic, soil is saturated at 4.0 ft. (SM)	3.6	5	moderate	2	94-01-SO-26-02 12/3/94 0927	
4073.2	6			3.2	4.3	moderate	0.7	94-01-SO-26-03 12/3/94 0938	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

DPT SOIL BORING LOG

HOLE NO.	01-27
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 1, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670085.4586; Northing=553769.8206
9. SURFACE ELEVATION	4079.1548 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/2), damp, firm, non-plastic. (SM)	7.1	12.5	moderate	1.8	94-01-S0-27-01 12/3/94 0825	
4077.2	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/3), damp, firm, non-plastic. (SM)						
			Interval not sampled.				NS		
4075.2	4		Silty SAND: poorly graded, fine-grained, reddish yellow (5YR7/6), saturated, very soft, non-plastic, soil is saturated at 4.0 ft. (SM)	5.7	4.6	moderate	2	94-01-S0-27-02 12/3/94 0840	
4073.2	6			5.6	4.5	moderate	1	94-01-S0-27-03 12/3/94 0852	
4071.2	8		Total Depth = 8 ft						
4069.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 1 | HOLE NO.: 01-27

DPT SOIL BORING LOG

HOLE NO.	04-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 4, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671916.2893; Northing=553841.7856
9. SURFACE ELEVATION	4084.6567 ft MSL
10. DATE STARTED/COMPLETED	10/19/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: strong brown (7.5YR4/6) and pink (7.5YR7/4), damp, firm, low plasticity, water table at 2.5 ft. (SM)	7	7	moderate	2		
4082.6	2							94-04-S0-05-01 10/19/94 1532	
			Silty SAND: pink (7.5YR8/3) and reddish yellow (7.5YR7/6), saturated, soft. (SM)	6.1	6.2	easy	1.5		
4080.6	4		Total Depth = 4 ft						
4078.6	6								
4076.6	8								
4074.6	10								

DPT SOIL BORING LOG

HOLE NO.	04-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 4, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671876.51; Northing=554041.63
9. SURFACE ELEVATION	4082.3 ft MSL
10. DATE STARTED/COMPLETED	10/19/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.IM	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, rounded, dark yellowish brown (10YR4/6) and very pale brown (10YR7/4), damp to saturated, very soft, low plasticity, water table at 3.0 ft. (SM)	7	7	easy	2	94-04-S0-06-01 10/19/94 1040	
4080.2	2			7	7	easy	1.3		
4078.2	4			7	6	easy	2		
4076.2	6		Total Depth = 6 ft						
4074.2	8								
4072.2	10								

DPT SOIL BORING LOG

HOLE NO.	04-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 4, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671858.6804; Northing=554054.8589
9. SURFACE ELEVATION	4082.1292 ft MSL
10. DATE STARTED/COMPLETED	10/19/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with sand: poorly graded, brown (7.5YR4/4) and pink (7.5YR8/4), damp to saturated, soft, low plasticity, water table at 3.0 ft. (SP)	6.5	6.2	moderate	2	94-04-S0-07-01 10/19/94 1143	
4080.2	2			7	6	easy	1.5		
4078.2	4		Total Depth = 4 ft						
4076.2	6								
4074.2	8								
4072.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 4 | HOLE NO.: 04-07

DPT SOIL BORING LOG

HOLE NO.	04-08
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 4, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671841.9672; Northing=554067.2626
9. SURFACE ELEVATION	4081.9135 ft MSL
10. DATE STARTED/COMPLETED	10/19/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, rounded, brown (10YR5/3) and brownish yellow (10YR6/6), damp to saturated, soft, low plasticity, increasing sand with depth, water table at 2.5 ft. (SM)	2	1	easy	2		
4080.0	2			7	7	easy	1.25	94-04-S0-08-01 10/19/94 1430	
4078.0	4		Total Depth = 4 ft						
4076.0	6								
4074.0	8								
4072.0	10								

DPT SOIL BORING LOG

HOLE NO.	07-01
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671819.4127; Northing=553461.9238
9. SURFACE ELEVATION	4084.6782 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: poorly graded, fine to medium-grained, subrounded, very pale brown (10YR8/4) and pale brown (10YR6/3), damp, loose, very low plasticity, water table 7.0 ft with strong petroleum odor from 6 to 8 ft. (SP)	1	7	easy	1	94-07-S0-01-01 10/20/94 1425	
4082.6	2			1	7	easy	0.75		
4080.6	4			5	9	easy	1.5		
4078.6	6			25	300	moderate	2	94-07-S0-01-02 10/20/94 1445	
4076.6	8		Total Depth = 8 ft						
4074.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-01

DPT SOIL BORING LOG

HOLE NO.	07-02
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME: Radian Corporation	2. DRILLING SUBCONTRACTOR: Target Environmental Services, Inc.
3. PROJECT: Table 3 RCRA Facility Investigation	4. LOCATION: SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER: Dave Starling	6. MANUFACTURERS DESIGNATION OF DRILL: Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: "EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner	8. HOLE LOCATION: Easting=671818.9526; Northing=553466.9429
	9. SURFACE ELEVATION: 4084.8745 ft MSL
	10. DATE STARTED/COMPLETED: 10/20/94 — 11. RESAMPLE DATE*: NA
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 7.5 ft
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA
14. TOTAL DEPTH OF HOLE: 8.00 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: poorly graded, fine-grained, rounded, very pale brown (10YR7/4) and pale yellow (2.5Y8/4), damp, loose, very low plasticity, water table 7.5 ft with strong petroleum odor. (SP)	2	4	easy	1.25	94-07-S0-02-01 10/20/94 0835	
4082.8	2			1	3.5	easy	1.75		
4080.8	4			1	1	easy	1.25		
4078.8	6			200	4	moderate	1.33	94-07-S0-02-02 94-07-S0-02-22 10/20/94 0915	
4076.8	8		Total Depth = 8 ft						
4074.8	10								

DPT SOIL BORING LOG

HOLE NO.	07-03
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671813.1478; Northing=553466.8885
9. SURFACE ELEVATION	4084.8807 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			SAND with silt: poorly graded, fine-grained, rounded, reddish yellow (5YR6/6) and very pale brown (10YR8/4), damp, loose, very low plasticity, sharp color change to lt. greenish-grey at 7.0 ft. Water table 7.0 ft (SP)	1	1	easy	1.25	94-07-S0-03-01 10/20/94 1055
4082.8	2			1	1	easy	2	
4080.8	4			4	1	easy	1	
4078.8	6			5	1.5	easy	1	94-07-S0-03-02 10/20/94 1140
4076.8	8		Total Depth = 8 ft					
4074.8	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-03

DPT SOIL BORING LOG

HOLE NO.	07-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671816.3181; Northing=553462.1906
9. SURFACE ELEVATION	4084.6396 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			SAND with silt: poorly graded, fine-grained, rounded, very pale brown (10YR7/4) and very pale brown (10YR7/3), damp, loose, very low plasticity, sharp color change at 7.0 ft to greenish/grey with strong petroleum odor. Water table at 7.0 ft. (SP)	1	7	easy	1.25	94-07-S0-04B-01 12/1/94 0900	
4082.6	2			1	9	easy	0.75		
4080.6	4			9	6	easy	0.75		
4078.6	6			500	400	easy	2	94-07-S0-04-02 10/20/94 1355	
4076.6	8		SAND with silt: poorly graded, fine-grained, subrounded, bluish grey (5B6/1), saturated, visible staining at 8.0 ft with petroleum odor continuing to 12.0 ft. Refusal at 12.0 ft. (SP)	450	250	easy	2	94-07-S0-04B-02 12/1/94 0910	
4074.6	10								

DPT SOIL BORING LOG

HOLE NO. 07-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				300	225	easy	2		
4072.6	12		Total Depth = 12 ft						
4070.6	14								
4068.6	16								
4066.6	18								
4064.6	20								
4062.6	22								
4060.6	24								
4058.6	26								
4056.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-04

DPT SOIL BORING LOG

HOLE NO.	07-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671817.7552; Northing=553455.8083
9. SURFACE ELEVATION	4084.373 ft MSL
10. DATE STARTED/COMPLETED	10/20/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	16.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: poorly graded, fine-grained, rounded, very pale brown (10YR7/4) and light greenish gray (5GY7/1), damp, loose, very low plasticity, water table at 7.0 ft with petroleum odor from 5 to 8 ft. (SP)	1	7	easy	1.25	94-07-S0-05B-01 12/1/94 0720	
4082.4	2			1	7	easy	0.5		
4080.4	4			200	200	easy	1.25		
4078.4	6			350	350	easy	2	94-07-S0-05-01 10/20/94 1550	
4076.4	8		SAND with silt: poorly graded, fine-grained, subrounded, light greenish gray (5GY7/1), damp, visible staining with petroleum odor. (SP)	500	450	easy	2		
4074.4	10								

DPT SOIL BORING LOG

HOLE NO. 07-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
4072.4	12		CLAY with silt: light greenish gray (5GY7/1) and light reddish brown (5YR6/4), saturated, firm, low plasticity, visible staining and petroleum odor. (CL)						
4070.4	14								
4068.4	16							94-07-S0-05B-02	
			Total Depth = 16 ft						
4066.4	18								
4064.4	20								
4062.4	22								
4060.4	24								
4058.4	26								
4056.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-05

DPT SOIL BORING LOG

HOLE NO.	07-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671809.2201; Northing=553445.9674
9. SURFACE ELEVATION	4084.524 ft MSL
10. DATE STARTED/COMPLETED	11/30/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	15.50 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED; UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.6	2						NS		
4080.6	4						NS		
4078.6	6		SAND with silt: poorly graded, fine-grained, very pale brown (10YR7/4) and greenish gray (5GY5/1), damp to saturated, loose, very low plasticity, water table at 7.0 ft., slight odor from 6 to 8 ft. (SP)	5.2	6	easy	2	94-07-S0-06-01 11/30/94 1120	
4076.6	8			4.5	2	easy	2		
4074.6	10								

DPT SOIL BORING LOG

HOLE NO. 07-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				4	1	moderate	2		
4072.6	12		CLAY with silt: greenish gray (5GY5/1) and light reddish brown (5YR6/4), damp, firm, low plasticity, staining ends at 15.0 ft. Refusal at 15.5 ft. (CL)	2	1	mh	2		
4070.6	14			4	1	hard	1.5	94-07-SO-06-02	
4068.6	16		Total Depth = 15.5 ft						
4066.6	18								
4064.6	20								
4062.6	22								
4060.6	24								
4058.6	26								
4056.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-06

DPT SOIL BORING LOG

HOLE NO.	07-07
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671826.4298; Northing=553446.9925
9. SURFACE ELEVATION	4083.9537 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA
20. SAMPLES FOR CHEMICAL ANALYSIS	Yes; E418.1M: 2; E418.1: 1; SW8260: 1; SW8270: 1; RCRA Metals: 1
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Backfilled; BACKFILL: Granular bentonite; MONITORING WELL: No; OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR	Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.0	2						NS		
4080.0	4						NS		
4078.0	6		SAND with silt: poorly graded, fine-grained, subrounded, very pale brown (10YR8/4) and light greenish gray (5GY7/1), saturated, loose, very low plasticity, visible staining. (SP)	1	1	easy	1.5	94-07-S0-07-01 12/1/94 1335	
4076.0	8			1	2	easy	2		
4074.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-07

DPT SOIL BORING LOG

HOLE NO. 07-07

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
	10								10
			CLAY with silt: light greenish gray (5GY7/1) and light reddish brown (5YR6/4), damp, very hard, low plasticity, visible staining to 12.0 ft. (CL)	2	2	moderate	2		
4072.0	12			1	0.5	moderate	2	94-07-SO-07-02 12/1/94 1425	12
4070.0	14		Total Depth = 14 ft						14
4068.0	16								16
4066.0	18								18
4064.0	20								20
4062.0	22								22
4060.0	24								24
4058.0	26								26
4056.0	28								28

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-07

DPT SOIL BORING LOG

HOLE NO.	07-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671831.1254; Northing=553454.9107
9. SURFACE ELEVATION	4084.1608 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.2	2						NS		
4080.2	4						NS		
4078.2	6		SAND with silt: poorly graded, fine-grained, subrounded, very pale brown (10YR8/4) and light greenish gray (5GY7/1), saturated, loose, very low plasticity, visible staining and petroleum odor from 6.0 to 10.0 ft. (SP)	6	12.5	easy	1.5	94-07-SO-08-01 94-07-SO-08-21 12/1/94 1110	
4076.2	8			6	500	easy	2		
4074.2	10								

DPT SOIL BORING LOG

HOLE NO. 07-08

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: greenish gray (5BG6/1) and light reddish brown (5YR6/4), damp, firm, low plasticity, visible staining and petroleum odor to 12.25 ft. (CL)	3	500	moderate	2		
4072.2	12				20	moderate	2	94-07-S0-08-02 12/1/94 1150	
4070.2	14		Total Depth = 14 ft						
4068.2	16								
4066.2	18								
4064.2	20								
4062.2	22								
4060.2	24								
4058.2	26								
4056.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-08

DPT SOIL BORING LOG

HOLE NO.	07-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671827.7878; Northing=553472.7694
9. SURFACE ELEVATION	4084.8395 ft MSL
10. DATE STARTED/COMPLETED	11/30/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.8	2						NS		
4080.8	4						NS		
4078.8	6		SAND with silt and clay: well graded, fine-grained, subrounded, yellow (10YR6/8) and light greenish gray (5GY7/1), damp to moist, firm, low plasticity, visible staining and petroleum odor. (SP)	3	7	easy	1.75	94-07-SO-09-01 11/30/94 1500	
4076.8	8			2.5	15	easy	2		
4074.8	10								

DPT SOIL BORING LOG

HOLE NO. 07-09

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				3.2	70	moderate-hard	2		
4072.8	12		CLAY with silt: light greenish gray (5GY7/1), damp, very firm, non-plastic, visible staining and petroleum odor. (CL)	5.5	13	hard	2		
4070.8	14		Total Depth = 14 ft						
4068.8	16								
4066.8	18								
4064.8	20								
4062.8	22								
4060.8	24								
4058.8	26								
4056.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-09

DPT SOIL BORING LOG

HOLE NO.	07-10
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671841.7621; Northing=553445.8402
9. SURFACE ELEVATION	4084.143 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.2	2						NS		
4080.2	4						NS		
4078.2	6		SAND with silt: well graded, fine-grained, very pale brown (10YR8/4) and light gray (N7), damp to saturated, firm, non-plastic, Saturated at 6 ft, slight staining, no odor. (SP)	2	0.5	easy	2	94-07-S0-10-01 12/5/94 1105	
4076.2	8			2	0.5	easy	2	94-07-S0-10-02 12/5/94 1130	
4074.2	10		CLAY with silt: light gray (N7), damp, very firm, non-plastic, slight staining. (CL)						
			Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 7 | HOLE NO.: 07-10

DPT SOIL BORING LOG

HOLE NO.	07-11
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 7, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671842.5326; Northing=553466.2925
9. SURFACE ELEVATION	4084.4353 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4082.4	2						NS		
4080.4	4						NS		
4078.4 ▼	6		SAND with silt: poorly graded, fine-grained, reddish yellow (5YR6/6) and light gray (N7), damp to saturated, loose, non-plastic, Water table at 6.0 ft. color change to lt. gray at 9.5 ft. (SP)	0.5	0.5	easy	2	94-07-SO-11-01 12/5/94 1145	
4076.4	8			0.5	0.5	easy	2	94-07-SO-11-02 94-07-SO-11-22	
4074.4	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	09-01
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 9, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671276.0131; Northing=551699.341
9. SURFACE ELEVATION	4077.3813 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SILT with sand: very pale brown (10YR8/4), damp, firm, low plasticity, grades to sand with silt at 2.5 ft. (ML)	1	1	easy	1.25	94-09-SO-01-01 10/21/94 0840	
4075.4	2								
			SAND with silt: poorly graded, fine to medium-grained, subrounded, very pale brown (10YR8/4) and pink (7.5YR7/4), damp to saturated, soft, low plasticity, water table at 4.0 ft. (SP)	1	1	easy	0.75		
4073.4	4			1	1.5	easy	0.5		
4071.4	6			1	1.5	moderate	1.25		
4069.4	8			1	1	hard	1.75	94-09-SO-01-02 10/21/94 0905	
4067.4	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	09-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 9, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671274.12; Northing=551694.39
9. SURFACE ELEVATION	4077.83 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: poorly graded, fine-grained, subrounded, light yellowish brown (10YR6/4) and pink (7.5YR7/4), damp to saturated, firm, low plasticity, water table at 4.0 ft. (SP)	1	1	easy	1.25	94-09-S0-02-01 94-09-S0-02-21 10/21/94 1140	
4075.8	2			1	1	easy	1.25		
4073.8	4			1	1	easy	0.33		
4071.8	6			1	1	moderate	1		
4069.8	8		SILT with sand: red (2.5YR6/6), firm, low plasticity, saturated, mottled with white layers. (ML)	1.5	1.5	hard	2	94-09-S0-02-02 10/21/94 1210	
4067.8	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 9 | HOLE NO.: 09-02

DPT SOIL BORING LOG

HOLE NO.	09-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 9, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671269.75; Northing=551693.64
9. SURFACE ELEVATION	4077.3 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SILT with sand: very pale brown (10YR8/4), damp, firm, low plasticity, gradational contact to sand with silt. (ML)	2	2	easy	2	94-09-S0-03-01 10/21/94 1025	
4075.2	2		SAND with silt: poorly graded, fine-grained, rounded, very pale brown (10YR7/4) and very pale brown (10YR7/4), damp to saturated, firm, low plasticity, water table at 4.0 ft. (SP)	4	2	easy	1		
4073.2	4			4	2	easy	0.75		
4071.2	6			3	2	easy	1.5		
4069.2	8			1	1	moderate	2	94-09-S0-03-02 10/21/94 1050	
4067.2	10		SILT with sand: red (2.5YR6/6), firm, low plasticity, saturated, mottled with white (10YR8/1) layers. (ML)						
			Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 9 | HOLE NO.: 09-03

DPT SOIL BORING LOG

HOLE NO.	09-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 9, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671268.2552; Northing=551684.2121
9. SURFACE ELEVATION	4077.319 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SILT with sand: very pale brown (10YR8/4), damp, firm, low plasticity, gradational contact to sand with silt. (ML)	1.5	2.5	easy	1	94-09-S0-04-01 10/21/94 1440	
4075.4	2		SAND with silt: poorly graded, fine-grained, rounded, very pale brown (10YR8/4) and very pale brown (10YR7/4), damp to saturated, firm, low plasticity, water table at 4.0 ft. (SP)	1.5	1	easy	0.75		
4073.4	4			1.5	1.5	moderate	0.25		
4071.4	6			1.5	1.5	moderate	2		
4069.4	8			1.5	1.5	moderate-hard	2	94-09-S0-04-02 10/21/94 1540	
4067.4	10		SILT with sand: red (2.5YR6/6), mottled with white layers, low plasticity, saturated, firm. (ML)						
			Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 9 | HOLE NO.: 09-04

DPT SOIL BORING LOG

HOLE NO.	09-05
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 9, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671275.6796; Northing=551686.5924
9. SURFACE ELEVATION	4076.9701 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			SILT with sand: white (10YR8/1) and very pale brown (10YR8/4), damp, firm, low plasticity, mottled, sand content increases with depth. (ML)	1	1	easy	0.5	94-09-SO-05-01 10/21/94 1600	
4075.0	2		SAND with silt: poorly graded, fine-grained, rounded, white (10YR8/1) and very pale brown (10YR7/4), damp to saturated, firm, low plasticity, water table at 4.0 ft. (SP)	3	2	easy	0.5		
4073.0	4			2	2	easy	0.25		
4071.0	6			2	2.5	easy	2		
4069.0	8		SILT with sand: red (2.5YR6/6) mottled with white layers, firm, saturated, low plasticity. (ML)	3	7	moderate	2	94-09-SO-05-02 10/21/94 1625	
4067.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	11-01
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670657.9449; Northing=550949.8135
9. SURFACE ELEVATION	4070.4665 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, brown (7.5YR5/4) and dark grayish brown (10YR4/2), damp to saturated, soft, non-plastic, staining and petroleum odor from 4.5 to 6.5 ft. Water table at approximately 3.5 ft. (SM)	1.4	1.2	easy	0.6	94-11-S0-01-01 10/21/94 1452	
4068.4	2			1.2	40	easy	0.8		
4066.4	4			8	34	easy	1	94-11-S0-01-03 10/21/94 1539	
4064.4	6			1.2	4.2	easy	0.9	94-11-S0-01-02 10/21/94 1555	
4062.4	8		Total Depth = 8 ft						
4060.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-02
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670658.382; Northing=550956.9878
9. SURFACE ELEVATION	4070.4908 ft MSL
10. DATE STARTED/COMPLETED	10/21/94
11. RESAMPLE DATE*	11/30/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, pink (7.5YR8/4) and black (10YR2/1), damp to saturated, soft, non-plastic, staining and petroleum odor from 2.0 to 6.0 ft, water table at 5.0 ft. (SM)	2	5.7	easy	0.7	94-11-SO-02-01 10/21/94 1620	
4068.4	2			10	64	easy	0.25		
4066.4	4			2	30	moderate	1	94-11-SO-02-02 10/21/94 1700	
4064.4	6			2	6.8	hard	2	94-11-SO-02B-02 11/30/94 1132	
4062.4	8		Total Depth = 8 ft						
4060.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670651.3314; Northing=550961.573
9. SURFACE ELEVATION	4070.6278 ft MSL
10. DATE STARTED/COMPLETED	10/27/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, angular, pink (7.5YR8/4) and gray (7.5YR5/1), damp to saturated, soft, non-plastic, staining and petroleum odor form 3.0 to 7.5 ft, water table at 4.0 ft. (SM)	5.2	5	moderate	2	94-11-S0-03-01 10/22/94 0820	
4068.6	2			6	70	easy	1		
4066.6	4			5.5	73	very easy	0.4	94-11-S0-03-02 10/22/94 0830	
4064.6	6			7.2	5	very easy	1	94-11-S0-03-03 10/22/94 0855	
4062.6	8		Total Depth = 8 ft						
4060.6	10								

DPT SOIL BORING LOG

HOLE NO.	11-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670650.5726; Northing=550949.9543
9. SURFACE ELEVATION	4070.6408 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: angular, light brown (7.5YR6/4) and pink (7.5YR8/3), damp, firm, non-plastic, staining and odor. (SM)	400	420	hard	2	94-11-S0-04-01 94-11-S0-04-21 10/22/94 0930	
4068.6	2		Silty SAND: poorly graded, pink (7.5YR8/3) and very pale brown (10YR8/2), saturated, firm, non-plastic, water table at 2.5 ft, staining ends at 3.0 ft. (SM)	280	440	hard	2	94-11-S0-04-02 10/22/94 1020	
4066.6	4			2	7	hard	1		
4064.6	6			9	12.2	very hard	1.5	94-11-S0-04-03 10/22/94 1109	
4062.6	8		Total Depth = 8 ft						
4060.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 11 | HOLE NO.: 11-04

DPT SOIL BORING LOG

HOLE NO.	11-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670663.0942; Northing=550936.4192
9. SURFACE ELEVATION	4070.7014 ft MSL
10. DATE STARTED/COMPLETED	11/30/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR5/4), damp, non-plastic, water table at 1.8 ft. (SM)	2	7.2	moderate	1.5	94-11-S0-05-01 11/30/94 1400	
4068.8	2		Interval not sampled.				NS		
4066.8	4		SAND with silt: poorly graded, fine-grained, subangular, pink (5YR8/4), saturated, non-plastic, staining from 6.0 to 9.0 ft (SM)	9.2	7.4	soft	2	94-11-S0-05-02 11/30/94 1430	
4064.8	6			6.5	7.2	soft	2		
4062.8	8		Silty SAND with gravel: poorly graded, fine-grained, subangular, black (10YR2/1) and pale yellow (2.5Y8/2), saturated, non-plastic. (SM)	7	7.2	hard	2		
4060.8	10								

DPT SOIL BORING LOG

HOLE NO. 11-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				6.2	4.7	hard	2	94-11-SO-05-03 11/30/94 1600	
4058.8	12		Total Depth = 12 ft						
4056.8	14								
4054.8	16								
4052.8	18								
4050.8	20								
4048.8	22								
4046.8	24								
4044.8	26								
4042.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 11 | HOLE NO.: 11-05

DPT SOIL BORING LOG

HOLE NO.	11-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET	1 OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670672.1406; Northing=550945.3714
9. SURFACE ELEVATION	4070.5816 ft MSL
10. DATE STARTED/COMPLETED	11/30/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4068.6	2						NS		
4066.6	4		Silty SAND: poorly graded, fine-grained, gray (7.5YR6/1) and pale yellow (2.5Y8/2), saturated, non-plastic, staining from 4.0 to 4.8 ft, saturated at 4.0 ft. (SM)	5.1	7	moderate	2	94-11-SO-06-01 11/30/94 1611	
4064.6	6			2.3	2.3	moderate	2	94-11-SO-06-02 11/30/94 1627	
4062.6	8		Total Depth = 8 ft						
4060.6	10								

DPT SOIL BORING LOG

HOLE NO.	11-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670665.5055; Northing=550964.5263
9. SURFACE ELEVATION	4070.5001 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4068.4	2						NS		
4066.4	4		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4) and pale yellow (2.5Y8/2), saturated, firm, non-plastic, saturated at 4.0 ft. (SM)	4.8	5	moderate	2	94-11-S0-07-01 12/1/94 0750	
4064.4	6		Total Depth = 6 ft						
4062.4	8								
4060.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670646.8917; Northing=550969.3312
9. SURFACE ELEVATION	4071.1474 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Interval not sampled.				NS		
4069.2	2						NS		
4067.2	4		Silty SAND with gravel: poorly graded, fine-grained, angular, dark gray (5YR4/1), saturated, soft, non-plastic, slightly stained. (SM)	5	5.4	moderate	2	94-11-S0-08-01 12/1/94 0810	
4065.2	6		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4), saturated, soft, non-plastic. (SM)	6.2	5	moderate	2	94-11-S0-08-02 12/1/94 0823	
4063.2	8		Total Depth = 8 ft						
4061.2	10								

DPT SOIL BORING LOG

HOLE NO.	11-09
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670639.5582; Northing=550961.9582
9. SURFACE ELEVATION	4071.1286 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light brown (7.5YR6/4) and black (10YR2/1), damp, soft, non-plastic, staining and odor from 1.6 to 2.0 ft. (SM)	39	172	moderate	2	94-11-SO-09-01 12/1/94 0831	
4069.2	2		Interval not sampled.				NS		
4067.2	4		Silty SAND: poorly graded, fine-grained, subangular, reddish gray (2.5YR7/1) and white (2.5Y8/1), saturated, firm, non-plastic, staining and odor to 8.0 ft. Soil is saturated at 4.0 ft. (SM)	450	450	easy	2	94-11-SO-09-02 94-11-SO-09-22 12/1/94 0850	
4065.2	6			7	18.2	moderate	2		
4063.2	8			3.6	3.2	hard	2	94-11-SO-09-03 12/1/94 0918	
4061.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	11-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670640.3254; Northing=550939.0113
9. SURFACE ELEVATION	4070.7461 ft MSL
10. DATE STARTED/COMPLETED	12/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light brown (7.5YR6/4) and dark yellowish brown (10YR4/4), damp, firm, non-plastic, staining and odor from 1.6 to 2.0 ft. (SM)	54	190	moderate	2	94-11-S0-10-01 12/1/94 0950	
4068.8	2		Interval not sampled.				NS		
4066.8	4		Silty SAND: poorly graded, fine-grained, angular, pink (7.5YR8/4) and pale yellow (2.5Y8/2), saturated, very soft, non-plastic, saturation at 4.0 ft. (SM)	5.5	7.2	easy	2	94-11-S0-10-02 12/1/94 1019	
4064.8	6			5.1	5.4	moderate	2	94-11-S0-10-03 94-11-S0-10-23 12/1/94 1033	
4062.8	8		Total Depth = 8 ft						
4060.8	10								

DPT SOIL BORING LOG

HOLE NO.	11-11
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670650.2004; Northing=550984.4655
9. SURFACE ELEVATION	4070.8351 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled. Soil becomes saturated at 4.0 ft.				NS		
4068.8	2						NS		
4066.8	4		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/3) and very pale brown (10YR8/2), saturated, soft, non-plastic, soil saturated at 4.0 ft. (SM)	5.4	2.1	moderate	2	94-11-S0-11-01 12/3/94 1100	
4064.8	6			5.8	3.9	moderate	1.1	94-11-S0-11-02 12/3/94 1115	
4062.8	8		Total Depth = 8 ft						
4060.8	10								

DPT SOIL BORING LOG

HOLE NO.	11-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670626.4515; Northing=550979.9395
9. SURFACE ELEVATION	4071.0421 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR5/4), damp, firm, non-plastic. (SM)	5.9	11.8	moderate	1.2	94-11-SO-12-01 12/3/94 1129	
4069.0	2		Interval not sampled. Soil becomes saturated at 4.0 ft.				NS		
4067.0	4		Silty SAND: poorly graded, fine-grained, subangular, pink (5YR8/3), saturated, soft, non-plastic, soil saturated at 4.0 ft. (SM)	7.4	4.5	moderate	2	94-11-SO-12-02 12/3/94 1139	
4065.0	6		Total Depth = 6 ft						
4063.0	8								
4061.0	10								

DPT SOIL BORING LOG

HOLE NO.	11-13
SHEET 1	OF 1 SHEETS

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670617.9667; Northing=550951.5425
9. SURFACE ELEVATION	4071.1098 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR5/3), damp, firm, non-plastic. (SM)	5	7.3	moderate	1.7	94-11-SO-13-01 94-11-SO-13-21 12/3/94 1155	
4069.2	2		Interval not sampled.				NS		
4067.2	4		Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR8/3), saturated, soft, non-plastic, soil saturated at 4.0 ft. (SM)	4.7	6.9	moderate	2	94-11-SO-13-02 12/3/94 1207	
4065.2	6		Total Depth = 6 ft						
4063.2	8								
4061.2	10								

DPT SOIL BORING LOG

HOLE NO.	11-14
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670638.5959; Northing=550914.5878
9. SURFACE ELEVATION	4070.3956 ft MSL
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	12/12/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, light brown (7.5YR6/4) and very pale brown (10YR8/4), damp to saturated, firm, low plasticity, staining and odor, soil becomes saturated at 3.0 ft. (SM)	0.5	0.5	easy	2	94-11-SO-14-01 94-11-SO-14-21 12/7/94 1450	
4068.4	2			45	168	easy	2	94-11-SO-14B-01 12/12/94 0845	
4066.4	4			7.2	22	easy	2		
4064.4	6			1	20	easy	2		
			CLAY with silt: damp, firm, low plasticity. (CL)					94-11-SO-14-02	
4062.4	8		Total Depth = 8 ft						
4060.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-15
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670604.6811; Northing=550939.9782
9. SURFACE ELEVATION	4070.9848 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: reddish brown (5YR5/4) and very pale brown (10YR7/4), damp to saturated, color change at 3.5 ft. (SM)	0.5	0.5	easy	2	94-11-S0-15-01 12/7/94 1405	
4069.0	2			0.5	0.5	easy	1.25	94-11-S0-15-02 12/7/94 1410	
4067.0	4		Total Depth = 4 ft						
4065.0	6								
4063.0	8								
4061.0	10								

DPT SOIL BORING LOG

HOLE NO.	11-16
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET	1 OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670611.6559; Northing=550982.0208
9. SURFACE ELEVATION	4071.5033 ft MSL
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	x		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Sandy GRAVEL with silt: poorly graded, fine-grained, angular, reddish brown (5YR5/4), damp. (GM)	0.5	1	easy	2	94-11-S0-16-01 12/7/94 1430	
4069.6	2			1	1.5	easy	0.5	94-11-S0-16-02 12/7/94 1435	
4067.6	4		Silty SAND with gravel: fine-grained, very pale brown (10YR8/3), damp, few gravels. (SM)			easy			
			Total Depth = 4 ft						
4065.6	6								
4063.6	8								
4061.6	10								

DPT SOIL BORING LOG

HOLE NO.	11-17
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670586.905; Northing=550950.2658
9. SURFACE ELEVATION	4071.476 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, brown (7.5YR5/4), damp, occasional gravels (SM)	1	1	easy	2	94-11-SO-17-01 12/12/94 0820	
4069.4	2		Total Depth = 2 ft						
4067.4	4								
4065.4	6								
4063.4	8								
4061.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-18
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670589.873; Northing=550931.9352
9. SURFACE ELEVATION	4070.9774 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: brown (7.5YR4/2) and very pale brown (10YR7/3), damp, stiff, high plasticity. (CL)	3	1	easy	2	94-11-SO-18-01 12/12/94 0835	
4069.0	2		Silty SAND: fine-grained, very pale brown (10YR7/3), damp, homogeneous. (SM)						
			Total Depth = 2 ft						
4067.0	4								
4065.0	6								
4063.0	8								
4061.0	10								

DPT SOIL BORING LOG

HOLE NO.	11-19
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670609.3291; Northing=550903.7151
9. SURFACE ELEVATION	4070.7973 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: fine-grained, brown (7.5YR5/4), damp, occasional gravels. (SM)	1	1	easy	2	94-11-SO-19-01 12/12/94 0825	
4068.8	2		Total Depth = 2 ft						
4066.8	4								
4064.8	6								
4062.8	8								
4060.8	10								

DPT SOIL BORING LOG

HOLE NO.	11-20
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670592.6034; Northing=550973.3692
9. SURFACE ELEVATION	4071.4634 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (10YR5/3), damp, soft, non-plastic. (SM)		4.4	moderate	1.1	94-11-S0-20-01 12/17/94 0800	
4069.4	2		Sandy CLAY: dark brown (10YR3/3) and pale brown (10YR6/3), damp, firm, low plasticity, soil becomes saturated at 3.7 ft. (CL)		10.2	moderate	1	94-11-S0-20-02 12/17/94 0814	
4067.4	4		Silty SAND: poorly graded, fine-grained, pale brown (10YR6/3), saturated, soft, non-plastic, homogeneous. (SM)						
			Total Depth = 4 ft						
4065.4	6								
4063.4	8								
4061.4	10								

DPT SOIL BORING LOG

HOLE NO.	11-21
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670566.8625; Northing=550949.0733
9. SURFACE ELEVATION	4071.8592 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/3) and pale yellow (2.5Y8/3), damp, soft, non-plastic. (SM)		7.5	moderate	1.5	94-11-SO-21-01 12/17/94 0828	
4069.8	2		Sandy CLAY: dark grayish brown (10YR4/2), damp, firm, medium plasticity. (CL)		2.6	moderate	1.6	94-11-SO-21-02 12/17/94 0839	
4067.8	4		Silty SAND: poorly graded, fine-grained, saturated, soft, non-plastic, homogeneous (SM)						
			Total Depth = 4 ft						
4065.8	6								
4063.8	8								
4061.8	10								

DPT SOIL BORING LOG

HOLE NO.	11-22
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 11, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670554.7953; Northing=550934.0603
9. SURFACE ELEVATION	4071.6873 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4069.6	2		Silty SAND with gravel: poorly graded, fine-grained, angular, reddish yellow (5YR6/6) and brown (7.5YR4/3), dry, firm, low plasticity, soil becomes saturated at 4.0 ft. (SM)	0.8	7.5	moderate	1.6	94-11-SO-22-01 12/17/94 1455	
4067.6	4		Sandy CLAY: brown (7.5YR4/3), damp, firm, low plasticity. (CL)						
			Silty SAND: poorly graded, fine-grained, pink (5YR7/4), saturated, soft, non-plastic. (SM)	1.5	3.2	moderate	2	94-11-SO-22-02 12/17/94 1515	
4065.6	6		Total Depth = 6 ft						
4063.6	8								
4061.6	10								

DPT SOIL BORING LOG

HOLE NO.	12-01
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Jason Ferber
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669822.726; Northing=549692.4033
9. SURFACE ELEVATION	4032.26 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, pink (7.5YR8/4) and black (10YR2/1), damp to saturated, soft, non-plastic, staining and odor from 2.0 to 6.5 ft. Soil becomes saturated at 6.0 ft. (SM)	6.6	88	moderate	1.5		
4030.2	2			7	72	easy	1.1	94-12-SO-01-01 10/22/94 1555	
4028.2	4			35	164	easy	1.5		
4026.2 ▼	6		Silty SAND: black (10YR2/1) and reddish yellow (7.5YR6/6), saturated, very soft, non-plastic. (SM)	2.5	4.2	hard	2	94-12-SO-01-02 10/22/94 1615	
4024.2	8		Total Depth = 8 ft						
4022.2	10								

DPT SOIL BORING LOG

HOLE NO.	12-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669819.6324; Northing=549689.0483
9. SURFACE ELEVATION	4032.18 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	12/15/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, pink (5YR7/4) and black (10YR2/1), damp to saturated, soft, non-plastic, staining and odor from 1.7 to 9.5 ft. Soil becomes saturated at 7.0 ft. (SM)	0.6	6.4	easy	2		
4030.2	2			130	80	easy	0.8	94-12-SO-02-01 10/22/94 1435	
4028.2	4			54	150	easy	1		
4026.2	6			35	20	easy	0.5		
4024.2	8			50	120	easy	1.5	94-12-SO-02-02 10/22/94 1500	
4022.2	10								

DPT SOIL BORING LOG

HOLE NO. 12-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy CLAY: very pale brown (10YR8/3), damp, stiff, medium plasticity. (CL)			hard	2	94-12-S0-02B-02 12/15/94 0908	
4020.2	12		Total Depth = 12 ft						
4018.2	14								
4016.2	16								
4014.2	18								
4012.2	20								
4010.2	22								
4008.2	24								
4006.2	26								
4004.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMUs 12/13 | HOLE NO.: 12-02

DPT SOIL BORING LOG

HOLE NO.	12-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669813.9112; Northing=549694.5805
9. SURFACE ELEVATION	4032.15 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	12/02/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, very pale brown (10YR8/3) and gray (10YR6/1), damp to saturated, soft, non-plastic, staining and odor from 2.0 to 6.0 ft. (SM)	1.4	7.6	moderate	1.2		
4030.2	2			35	150	moderate	1.3	94-12-SO-03-01 94-12-SO-03-21 10/22/94 1645	
4028.2	4			69	146	moderate	1.5		
4026.2 ▼	6		Silty SAND: poorly graded, fine-grained, light gray (10YR7/1) and brown (7.5YR5/4), damp, firm, non-plastic, staining and slight odor. (SM)	4.2	7.5	easy	2	94-12-SO-03-02 10/22/94 1700	
4024.2	8						NS		
4022.2	10								

DPT SOIL BORING LOG

HOLE NO. 12-03

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
					10.4		2	94-12-SO-03B-02 12/2/94 0900	
4020.2	12		CLAY: very pale brown (10YR8/3), damp, firm, medium plasticity, staining ends at 11.6 ft. (CL)						
			Total Depth = 12 ft						
4018.2	14								
4016.2	16								
4014.2	18								
4012.2	20								
4010.2	22								
4008.2	24								
4006.2	26								
4004.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMUs 12/13 | HOLE NO.: 12-03

DPT SOIL BORING LOG

HOLE NO.	12-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669817.1923; Northing=549698.1725
9. SURFACE ELEVATION	4032.23 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, angular, very pale brown (10YR8/3) and brown (10YR4/3), damp, soft, non-plastic. (SM)	6.5	1	moderate	1.3		
4030.2	2		Silty SAND: poorly graded, fine-grained, angular, light gray (10YR7/1) and reddish yellow (7.5YR6/6), saturated, soft, non-plastic, staining and odor from 2.5 to 8.0 ft. Soil becomes saturated at 4.5 ft. (SM)	34	250	moderate	1.6	94-12-S0-04-01 10/23/94 0950	
4028.2	4			174	175	hard	2		
4026.2	6			7.5	11	hard	0.6	94-12-S0-04-02 10/23/94 1020	
4024.2	8			5	4.5	hard			
4022.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	12-05
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669779.2699; Northing=549652.8736
9. SURFACE ELEVATION	4031.18 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: black (10YR2/1) and reddish yellow (7.5YR6/6), damp to saturated, soft, non-plastic, staining and odor to 6.6 ft. Soil becomes saturated at 2.0 ft. (SM)	20	74		2	94-12-SO-05-01 10/23/94 1110	
4029.2 ▼	2			8.6	11.8		2		
4027.2	4			4.5	4.5		2		
4025.2	6			2.4	1.4		1.2	94-12-SO-05-02 10/23/94 1200	
4023.2	8		Total Depth = 8 ft						
4021.2	10								

DPT SOIL BORING LOG

HOLE NO.	12-06
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Hand Auger
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	
8. HOLE LOCATION	Easting=669751.6314; Northing=549659.1882
9. SURFACE ELEVATION	4031.38 ft MSL
10. DATE STARTED/COMPLETED	
11. RESAMPLE DATE*	
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			GRAVEL with sand: poorly graded, fine-grained, rounded, dry, drain rock. Increasing sand with depth. (GP)					94-12-SO-06-01 10/24/94 1530	
			Silty SAND: poorly graded, fine-grained, dry, homogeneous, light tan yellow. (SM)						
4029.4	2		Total Depth = 2 ft						
4027.4	4								
4025.4	6								
4023.4	8								
4021.4	10								

DPT SOIL BORING LOG

HOLE NO.	12-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669740.1304; Northing=549668.3415
9. SURFACE ELEVATION	4031.72 ft MSL
10. DATE STARTED/COMPLETED	11/08/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, yellowish brown (10YR5/6) and gray (10YR6/1), damp to saturated, soft, non-plastic, soil becomes saturated at 3.0 ft. Staining from 3.5 to 4.0 ft. Some gravel at surface. (SM)	1.4	1.4	moderate	2	94-12-S0-07-01 11/8/94 1000	
4029.8	2			1.4	1.5	moderate	1.6	94-12-S0-07-02	
4027.8	4			1.4	1.4	moderate	1.6	94-12-S0-07-03 11/8/94 1030	
4025.8	6		Total Depth = 6 ft						
4023.8	8								
4021.8	10								

DPT SOIL BORING LOG

HOLE NO.	12-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669739.6522; Northing=549646.3634
9. SURFACE ELEVATION	4031.51 ft MSL
10. DATE STARTED/COMPLETED	11/08/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR5/4), damp to saturated, soft, non-plastic. (SM)	2.4	2.5	moderate	2	94-12-SO-08-01 11/8/94 1100	
4029.6	2		Silty SAND: poorly graded, fine-grained, angular, pink (7.5YR8/4) and pink (7.5YR7/4), damp, soft, non-plastic, gradual color change at 2.5 ft, saturated at 2.5 ft. (SM)	2.4	2.5	moderate	1.6		
4027.6	4		Total Depth = 4 ft						
4025.6	6								
4023.6	8								
4021.6	10								

DPT SOIL BORING LOG

HOLE NO.	12-09
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669766.4836; Northing=549638.4693
9. SURFACE ELEVATION	4032.03 ft MSL
10. DATE STARTED/COMPLETED	11/08/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light brown (7.5YR6/4) and pink (7.5YR8/4), damp to saturated, firm, non-plastic. (SM)	3	2.8	moderate	2	94-12-SO-09-01 11/8/94 1305	
4030.0	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/4), damp, soft to firm, non-plastic, homogeneous, saturated at 2.3 ft. (SM)	2.8	2.8	moderate	2		
4028.0	4		Total Depth = 4 ft						
4026.0	6								
4024.0	8								
4022.0	10								

DPT SOIL BORING LOG

HOLE NO.	12-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669792.4785; Northing=549637.0665
9. SURFACE ELEVATION	4031.13 ft MSL
10. DATE STARTED/COMPLETED	11/08/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Silty SAND with gravel: poorly graded, fine-grained, angular, black (10YR2/1) and reddish yellow (5YR7/6), saturated, very soft, non-plastic, soil becomes saturated at 2.4 ft, staining and odor. (SM)	54	50	moderate	2	94-12-S0-10-01 11/8/94 1350
4029.2	2			6.9	9.5	moderate	0.7	
4027.2	4			32	3.6	moderate	2	
4025.2	6		Silty SAND: poorly graded, fine-grained, gray (10YR6/1) and reddish yellow (5YR7/6), saturated, very soft, non-plastic, staining ends at 6.5 ft. (SM)	1	1.2	moderate	1.7	94-12-S0-10-02 11/8/94 1437
4023.2	8		Total Depth = 8 ft					
4021.2	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000

DPT SOIL BORING LOG

HOLE NO.	12-11
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669805.812; Northing=549681.3241
9. SURFACE ELEVATION	4031.86 ft MSL
10. DATE STARTED/COMPLETED	11/08/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	0.9 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR7/4) and pink (7.5YR8/3), saturated, soft, non-plastic, soil becomes saturated at 0.9 ft. (SM)	2.5	2.8	moderate	2	94-12-SO-11-01 11/8/94 1510	
4029.8	2			3	2.2	moderate	1.2		
4027.8	4			3.2	2.8	moderate	1.5		
4025.8	6		Total Depth = 6 ft						
4023.8	8								
4021.8	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMUs 12/13 | HOLE NO.: 12-11

DPT SOIL BORING LOG

HOLE NO.	12-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669838.6536; Northing=549682.5887
9. SURFACE ELEVATION	4032.17 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, brown (7.5YR4/4), dry, soft, non-plastic. (SM)		4.8	moderate	1.3	94-12-S0-12-01 12/2/94 1000	
4030.2	2		Interval not sampled.				NS		
4028.2	4						NS		
4026.2	6		Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (7.5YR6/6), saturated, very soft, non-plastic, soil is saturated at 6.0 ft. (SM)		4.3	moderate	2	94-12-S0-12-02 12/2/94 1015	
4024.2	8		Total Depth = 8 ft						
4022.2	10								

DPT SOIL BORING LOG

HOLE NO.	12-13
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669823.1537; Northing=549678.6268
9. SURFACE ELEVATION	4031.97 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, yellowish brown (10YR5/4) and very pale brown (10YR8/3), damp, soft, non-plastic, soil becomes saturated at 1.5 ft, color change at 1.4 feet. (SM)		4.1	moderate	1.5	94-12-SO-13-01 12/2/94 0917	
4030.0	2				3.2	moderate	1.3	94-12-SO-13-02 12/2/94 0930	
4028.0	4						NS		
4026.0	6				10	moderate	2	94-12-SO-13-03 12/2/94 0937	
4024.0	8		Total Depth = 8 ft						
4022.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMUs 12/13 | HOLE NO.: 12-13

DPT SOIL BORING LOG

HOLE NO.	12-14
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669793.7256; Northing=549668.2693
9. SURFACE ELEVATION	4031.31 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark reddish brown (5YR3/2), damp, firm, non-plastic. (SM)		17.5	moderate	2	94-12-S0-14-01 12/2/94 1045	
4029.4	2		Silty SAND: poorly graded, fine-grained, subangular, black (10YR2/1) and pink (7.5YR7/4), saturated, firm, non-plastic, soil is saturated at 4.0 ft, staining ends at 4.5 ft. (SM)				NS		
4027.4	4				3.1	moderate	2	94-12-S0-14-02 12/2/94 1105	
4025.4	6				3.3	easy	1.7	94-12-S0-14-03 12/2/94 1115	
4023.4	8		Total Depth = 8 ft						
4021.4	10								

DPT SOIL BORING LOG

HOLE NO.	12-15
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669781.1333; Northing=549622.4049
9. SURFACE ELEVATION	4031.72 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light reddish brown (5YR6/4), damp, soft, non-plastic. (SM)	5.5	5.1	moderate		94-12-SO-15-01 12/2/94 1505	
4029.8	2		Silty SAND: poorly graded, fine-grained, subangular, gray (10YR6/1) and black (10YR2/1), saturated, soft, non-plastic, visible stain and odor to 10.7 ft. (SM)				NS		
4027.8	4			15.5	6.4	moderate		94-12-SO-15-02 94-12-SO-15-22 12/2/94 1525	
4025.8	6			6	4.2	moderate			
4023.8	8			6.3	4.2	moderate			
4021.8	10								

DPT SOIL BORING LOG

HOLE NO. 12-15

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY: damp, low plasticity, interbedded caliche and clay. (CL)	3.2	4.3	hard		94-12-S0-15-03 12/2/94 1610	
4019.8	12		Total Depth = 12 ft						
4017.8	14								
4015.8	16								
4013.8	18								
4011.8	20								
4009.8	22								
4007.8	24								
4005.8	26								
4003.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMUs 12/13 | HOLE NO.: 12-15

DPT SOIL BORING LOG

HOLE NO.	12-16
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669814.6372; Northing=549619.2147
9. SURFACE ELEVATION	4031.49 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR5/3), damp, firm, non-plastic. (SM)						
			Silty SAND: poorly graded, fine-grained, subangular, light brown (7.5YR6/3), damp to saturated, firm, non-plastic. (SM)	6.7	19.5	moderate		94-12-SO-16-01 12/2/94 1420	
4029.4	2								2
							NS		
4027.4	4								4
				6.4	4.2	moderate		94-12-SO-16-02 12/2/94 1435	
4025.4	6								6
				5.9	4.2	moderate		94-12-SO-16-03 12/2/94 1447	
4023.4	8		Total Depth = 8 ft						8
4021.4	10								10

DPT SOIL BORING LOG

HOLE NO.	12-17
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669808.0429; Northing=549655.4843
9. SURFACE ELEVATION	4031.59 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/2), damp, firm, non-plastic. (SM)		19	moderate		94-12-S0-17-01 94-12-S0-17-21 12/2/94 1144	
4029.6	2		Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR8/3) and light brown (7.5YR6/4), saturated, firm, non-plastic. (SM)				NS		
4027.6	4				3.6	moderate		94-12-S0-17-02 12/2/94 1200	
4025.6	6				3.6	moderate		94-12-S0-17-03 12/2/94 1210	
4023.6	8		Total Depth = 8 ft						
4021.6	10								

DPT SOIL BORING LOG

HOLE NO.	12-18
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669830.30; Northing=549670.67
9. SURFACE ELEVATION	4032.02 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, reddish brown (5YR4/3) and pink (5YR7/3), damp, firm, non-plastic, some gravels from 0 to 1.3 ft. (SM)	4.4	5.1	moderate		94-12-S0-18-01 94-12-S0-18-21 12/3/94 1412	
4030.0	2		Total Depth = 2 ft						
4028.0	4								
4026.0	6								
4024.0	8								
4022.0	10								

DPT SOIL BORING LOG

HOLE NO.	12-19
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMUs 12/13, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669848.11; Northing=549673.73
9. SURFACE ELEVATION	4031.9 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, reddish brown (5YR5/3) and pink (5YR7/4), damp, firm, non-plastic. (SM)	5.2	3.5	moderate		94-12-SO-19-01 12/3/94 1350	
4029.8	2		Total Depth = 2 ft						
4027.8	4								
4025.8	6								
4023.8	8								
4021.8	10								

DPT SOIL BORING LOG

HOLE NO.	14-01
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669970.48; Northing=550061.39
9. SURFACE ELEVATION	4079.37 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	12/03/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	3	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, subrounded, pale brown (10YR6/3) and gray (N6), damp to saturated, soft, non-plastic, petroleum odor beginning at 4 ft. Soil saturated at 4.5 ft. (SM)	1	1	easy	0.75	94-14-SO-01-01 10/22/94 1645	
4077.4	2			1	2.5	easy	0.5		
4075.4	4			4	42	easy	0.75		
4073.4	6			7	30	easy	1	94-14-SO-01B-01 12/3/94 1145	
4071.4	8			4	22	moderate	2	94-14-SO-01-02 10/22/94 1725	
4069.4	10		CLAY: white (10YR8/1), dry, firm, low plasticity, mottled with caliche. (CL)						
			Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-01

DPT SOIL BORING LOG

HOLE NO.	14-02
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669967.81; Northing=550064.41
9. SURFACE ELEVATION	4079.28 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, subrounded, white (10YR8/1), damp to saturated, soft, non-plastic, petroleum odor beginning at 4 ft. Soil saturated at 4.5 ft. (SM)	1	4	easy	1	94-14-S0-02-01 10/22/94 1520	
4077.2	2			1	2.5	easy	0.5		
4075.2	4			4	40	easy	1.5		
4073.2	6			15	92	easy	2	94-14-S0-02-02 10/22/94 1550	
4071.2	8			7	30	easy	2		
4069.2	10		CLAY with sand: white (10YR8/1) and weak red (2.5YR5/4), dry, firm, low plasticity, upper 1.5 ft mottled with caliche. (CL)						

DPT SOIL BORING LOG

HOLE NO. 14-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				1	1	hard	2	94-14-SO-02-03 10/22/94 1610	
4067.2	12		Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-02

DPT SOIL BORING LOG

HOLE NO.	14-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669959.77; Northing=550058.81
9. SURFACE ELEVATION	4079.27 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.2 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, subrounded, very pale brown (10YR7/3) and gray (N6), damp to saturated, soft, non-plastic, petroleum odor beginning at 5.2 ft. Soil is saturated at 5.2 ft. (SM)	1	2	easy	2	94-14-SO-03-01 10/22/94 1400	
4077.2	2			1	1	easy	2		
4075.2	4			11	190	easy	2		
4073.2	6			21	215	easy	2	94-14-SO-03-02 94-14-SO-03-22 10/22/94 1420	
4071.2	8		CLAY: weak red (2.5YR5/4), dry, firm, low plasticity, upper 1.5 ft. mottled with caliche. (CL)	7	26	moderate	2		
4069.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-03

DPT SOIL BORING LOG

HOLE NO. 14-03

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				1	1	moderate-hard	2	94-14-SO-03-03 10/22/94 1455	
4067.2	12		Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-03

DPT SOIL BORING LOG

HOLE NO.	14-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669955.05; Northing=550052.62
9. SURFACE ELEVATION	4079.23 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	12/01/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10 / 100 / 1000 / 10,000)
			Silty SAND: fine-grained, subrounded, very pale brown (10YR7/3) and gray (N6), damp to saturated, soft, non-plastic, petroleum odor and gray staining beginning at 4.5 ft. Soil saturated at 4.5 ft. Gravelly near base. (SM)	1	3.2	easy	2	94-14-S0-04-01 10/22/94 1045	
4077.2	2			3	65	easy	1.75		
4075.2	4			50	90	easy	2	94-14-S0-04-02 94-14-S0-04B-21 10/22/94 1100	
4073.2	6			4	55	easy	1.75		
4071.2	8			7	60	easy	2		
4069.2	10								

DPT SOIL BORING LOG

HOLE NO. 14-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY: weak red (2.5YR5/4), dry, hard, non-plastic, mottled with caliche near upper contact. (CL)	2	10	very hard	2	94-14-SO-04-03 10/22/94 1140	
4067.2	12		Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-04

DPT SOIL BORING LOG

HOLE NO.	14-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669955.43; Northing=550042.72
9. SURFACE ELEVATION	4079.2 ft MSL
10. DATE STARTED/COMPLETED	10/22/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, subrounded, very pale brown (10YR7/4), damp to saturated, soft, non-plastic, soil saturated at 4.6 ft. Gravelly near base. (SM)	1	1	easy	2	94-14-S0-05-01 10/22/94 0845	
4077.2	2			15	8	easy	2		
4075.2	4			7.5	7	easy	2		
4073.2	6			17	45	easy	0.5		
4071.2	8			4	7	moderate	2	94-14-S0-05-02	
4069.2	10								

DPT SOIL BORING LOG

HOLE NO. 14-05

1. COMPANY NAME: Radian Corporation
2. INSPECTOR: Jonothan Mattes
SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with sand: light reddish brown (5YR6/4), damp, firm, low plasticity, mottled with caliche near upper contact. (CL)	1	1.5	moderate	2		
4067.2	12		Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-05

DPT SOIL BORING LOG

HOLE NO.	14-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669978.93; Northing=550071.00
9. SURFACE ELEVATION	4079.33 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.4	2						NS		
4075.4	4						NS		
4073.4	6		Silty SAND: fine-grained, subrounded, damp to saturated, soft, non-plastic, visible staining and petroleum odor. Soil saturated at 6.75 ft. (SM)	3	4	easy	1.5	94-14-SO-06-01 94-14-SO-06-21 12/3/94 1020	
4071.4	8		Interval not sampled.				NS		
4069.4	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-06

DPT SOIL BORING LOG

HOLE NO. 14-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: reddish yellow (5YR6/6), dry, firm, low plasticity. (CL)	0.3	0.1	mh	2	94-14-S0-06-02 12/3/94 1030	
4067.4	12		Total Depth = 12 ft						
4065.4	14								
4063.4	16								
4061.4	18								
4059.4	20								
4057.4	22								
4055.4	24								
4053.4	26								
4051.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-06

DPT SOIL BORING LOG

HOLE NO.	14-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669964.55; Northing=550076.26
9. SURFACE ELEVATION	4079.61 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	x		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.6	2						NS		
4075.6	4						NS		
4073.6	6		Silty SAND: fine-grained, subrounded, wet, soft, non-plastic, soil saturated above 6 ft. (SM)		9	easy	2	94-14-S0-07-01 12/2/94 1630	
4071.6	8		Interval not sampled.				NS		
4069.6	10								

DPT SOIL BORING LOG

HOLE NO. 14-07

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: pale yellow (2.5Y8/2) and light reddish brown (5YR6/4), damp, firm, low plasticity. (CL)		5.2	hard	2	94-14-SO-07-02 12/2/94 1640	
4067.6	12		Total Depth = 12 ft						
4065.6	14								
4063.6	16								
4061.6	18								
4059.6	20								
4057.6	22								
4055.6	24								
4053.6	26								
4051.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-07

DPT SOIL BORING LOG

HOLE NO.	14-08
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669953.72; Northing=550068.95
9. SURFACE ELEVATION	4079.63 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.6	2						NS		
4075.6	4						NS		
4073.6	6		Silty SAND: fine-grained, subrounded, gray (N5), wet, soft, non-plastic, soil saturated above 6 ft. Interval from 8.0 to 10.0 not sampled. Increasing clay content near base. (SM)	3	1.75	easy	0.3	94-14-SO-08-01 12/3/94 0755	
4071.6	8						NS		
4069.6	10								

DPT SOIL BORING LOG

HOLE NO. 14-08

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				4	30	easy	2		
4067.6	12		CLAY with silt: red (2.5YR6/6), damp, firm, low plasticity, mottled with caliche. (CL)	2	5.2	mh	2	94-14-SO-08-02 12/3/94 0905	
4065.6	14		Total Depth = 14 ft						
4063.6	16								
4061.6	18								
4059.6	20								
4057.6	22								
4055.6	24								
4053.6	26								
4051.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-08

DPT SOIL BORING LOG

HOLE NO.	14-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669945.65; Northing=550057.68
9. SURFACE ELEVATION	4079.55 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.6	2						NS		
4075.6	4						NS		
4073.6	6		Silty SAND: fine-grained, subrounded, gray (N6), wet, soft, non-plastic, petroleum odor and gray staining from 6.0 to 12.0 ft.. Interval from 8.0 to 10.0 not sampled. (SM)	70	160	moderate	0.33	94-14-S0-09-01 12/2/94 1425	
4071.6	8						NS		
4069.6	10								

DPT SOIL BORING LOG

HOLE NO. 14-09

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				30	300	mh	2		
								94-14-SO-09-02	
4067.6	12		CLAY with silt: damp, firm, low plasticity. (CL)						
			Total Depth = 12 ft						
4065.6	14								
4063.6	16								
4061.6	18								
4059.6	20								
4057.6	22								
4055.6	24								
4053.6	26								
4051.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-09

DPT SOIL BORING LOG

HOLE NO.	14-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669936.5559; Northing=550042.2453
9. SURFACE ELEVATION	4079.3 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.2	2						NS		
4075.2	4						NS		
4073.2	6		Silty SAND: fine-grained, subrounded, damp to saturated, soft, non-plastic, petroleum odor and gray staining. Increasing content near base. (SM)	50	48	easy	1	94-14-SO-10-01 12/2/94 0730	
4071.2	8			160	72	easy	2		
4069.2	10								

DPT SOIL BORING LOG

HOLE NO. 14-10

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
4067.2	12		CLAY with silt: light reddish brown (5YR6/4), moist, firm, low plasticity. (CL)						
			Total Depth = 12 ft						
4065.2	14								
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-10

DPT SOIL BORING LOG

HOLE NO.	14-11
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669946.91; Northing=550031.47
9. SURFACE ELEVATION	4079.23 ft MSL
10. DATE STARTED/COMPLETED	12/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.2	2						NS		
4075.2	4						NS		
4073.2	6		Silty SAND: fine-grained, subrounded, damp to saturated, soft, non-plastic, petroleum odor and visible staining throughout. (SM)	41	17	easy	2	94-14-SO-11-01 12/2/94 0915	
4071.2	8						NS		
4069.2	10								

DPT SOIL BORING LOG

HOLE NO. 14-11

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: pinkish white (7.5YR8/2) and light reddish brown (5YR6/4), dry, firm, non-plastic, gray staining in upper 0.5 ft. (CL)	50	11	moderate	2		
4067.2	12			0.1	0.5	hard	2	94-14-SO-11-02 12/2/94 1130	
4065.2	14		Total Depth = 14 ft						
4063.2	16								
4061.2	18								
4059.2	20								
4057.2	22								
4055.2	24								
4053.2	26								
4051.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-11

DPT SOIL BORING LOG

HOLE NO.	14-12
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669931.04; Northing=550028.30
9. SURFACE ELEVATION	4079.38 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	13.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.4	2						NS		
4075.4	4		Silty SAND: fine-grained, subrounded, pale brown (10YR6/3) and gray (N6), damp to saturated, soft, non-plastic, petroleum odor and staining beginning at 5.75 ft. (SM)	6.5	8.6	easy	2	94-14-S0-12-01 12/4/94 1615	
4073.4	6			220	300	easy	2	94-14-S0-12-02 12/4/94 1620	
4071.4	8				350	moderate	2	94-14-S0-12B-01 12/16/94 0908	
4069.4	10								

DPT SOIL BORING LOG

HOLE NO. 14-12

1. COMPANY NAME: Radian Corporation
2. INSPECTOR: Jonothan Mattes
SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: white (N8), damp to saturated, soft, low plasticity, mottled with caliche. (CL)	105	11	moderate	2		
4067.4	12				0.5	hard	1	94-14-SO-12-03 12/4/94 1700	
			Total Depth = 13 ft						
4065.4	14								
4063.4	16								
4061.4	18								
4059.4	20								
4057.4	22								
4055.4	24								
4053.4	26								
4051.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-12

DPT SOIL BORING LOG

HOLE NO.	14-13
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669925.34; Northing=550052.93
9. SURFACE ELEVATION	4079.57 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	12/16/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.6	2						NS		
4075.6	4						NS		
4073.6	6		Silty SAND: poorly graded, fine-grained, subrounded, gray (N6) and dark grey (10YR4/1), wet, soft, non-plastic, petroleum odor and gray staining. (SM)	45	400	easy	1	94-14-SO-13-01 12/4/94 1515	
4071.6	8				75	moderate	2	94-14-SO-13B-01 12/16/94 0850	
4069.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-13

DPT SOIL BORING LOG

HOLE NO. 14-13

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: reddish yellow (5YR6/6), damp, firm, low plasticity, mottled with caliche. Gray staining to 12.25 ft. (CL)	280	3	easy-moderate	2		
4067.6	12			16.5	12	moderate	2	94-14-SO-13-02 12/4/94 1545	
4065.6	14		Total Depth = 14 ft						
4063.6	16								
4061.6	18								
4059.6	20								
4057.6	22								
4055.6	24								
4053.6	26								
4051.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-13

DPT SOIL BORING LOG

HOLE NO.	14-14
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669933.82; Northing=550070.84
9. SURFACE ELEVATION	4079.6 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	12/16/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	16.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4077.6	2						NS		
4075.6	4						NS		
4073.6	6		Silty SAND: poorly graded, fine-grained, subrounded, pale brown (10YR6/3) and gray (10YR5/1), wet, soft, non-plastic, petroleum odor and staining noted in 8.0 to 10.0 interval. (SM)	0.5	0.5	easy	2	94-14-S0-14-01 12/5/94 0805	
4071.6	8				155	moderate	1.7	94-14-S0-14B-01 12/16/94 0825	
4069.6	10								

DPT SOIL BORING LOG

HOLE NO. 14-14

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: light reddish brown (5YR6/4) and dark gray (N4), moist, firm, low plasticity, alternating bands of stained and nonstained soils (approximately 0.5 ft) throughout. (CL)	240	24	easy-moderate	2	94-14-SO-14B-02 12/16/94 0838	
4067.6	12			72	52	mh	1.75		
4065.6	14			0.5	0.5	hard	2		
4063.6	16		Total Depth = 16 ft					94-14-SO-14-02	
4061.6	18								
4059.6	20								
4057.6	22								
4055.6	24								
4053.6	26								
4051.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-14

DPT SOIL BORING LOG

HOLE NO.	14-15
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669899.16; Northing=550060.73
9. SURFACE ELEVATION	4080.19 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4078.2	2						NS		
4076.2	4						NS		
4074.2	6		Silty SAND: poorly graded, fine-grained, subrounded, reddish brown (5YR5/4), wet, soft, non-plastic, soil saturated above 6.0 ft. (SM)		2.6	moderate	1.6		
4072.2	8		Sandy CLAY: light brown (7.5YR6/4), damp, firm, low plasticity. (CL)		6.8	hard	2	94-14-S0-15-01 12/17/94 0948	
4070.2	10								

DPT SOIL BORING LOG

HOLE NO. 14-15

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subrounded, black (10YR2/1), wet, soft, non-plastic. (SM)	6.2	11.8	hard	2	94-14-SO-15-02 12/17/94 1000	
			CLAY: gray (10YR6/1), damp, firm, low plasticity. (CL)						
4068.2	12		Total Depth = 12 ft						
4066.2	14								
4064.2	16								
4062.2	18								
4060.2	20								
4058.2	22								
4056.2	24								
4054.2	26								
4052.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-15

DPT SOIL BORING LOG

HOLE NO.	14-16
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669924.10; Northing=550094.59
9. SURFACE ELEVATION	4079.99 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4078.0	2						NS		
4076.0	4						NS		
4074.0	6		Silty SAND: poorly graded, fine-grained, subrounded, pink (7.5YR7/4) and gray (10YR6/1), wet, soft, non-plastic, visible staining and petroleum odor from 8.0 to 12.0 ft. (SM)	1	1.4	moderate	0.4		
4072.0	8			54	380	easy	2	94-14-SO-16-01 12/17/94 1028	
4070.0	10								

DPT SOIL BORING LOG

HOLE NO. 14-16

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				7.5	7.8	easy	2		
4068.0	12		Total Depth = 12 ft						
4066.0	14								
4064.0	16								
4062.0	18								
4060.0	20								
4058.0	22								
4056.0	24								
4054.0	26								
4052.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-16

DPT SOIL BORING LOG

HOLE NO.	14-17
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 14, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669897.1158; Northing=550115.8916
9. SURFACE ELEVATION	4080.14 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4078.2	2						NS		
4076.2	4						NS		
4074.2	6						NS		
4072.2	8		Silty SAND: poorly graded, fine-grained, subrounded, black (10YR2/1) and reddish yellow (5YR7/6), wet, soft, non-plastic, visible staining and petroleum odor from 8.0 to 9.8 ft. Soil saturated above 8.0 ft. (SM)	2.8	7.8	moderate	1.6	94-14-S0-17-01 12/17/94 1108	
4070.2	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 14 | HOLE NO.: 14-17

DPT SOIL BORING LOG

HOLE NO.	16-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669910.03; Northing=550459.43
9. SURFACE ELEVATION	4081.77 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, reddish yellow (7.5YR6/6), damp, soil becomes saturated at 7.0 ft. (SM)	1	1	easy		94-16-S0-01-01 10/24/94 0945	
4079.8	2			1	1	easy			
4077.8	4			2	1	easy			
4075.8	6			1	1	easy			
4073.8	8			1.5	1	easy		94-16-S0-01-02 10/24/94 1015	
4071.8	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-02
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669912.01; Northing=550465.30
9. SURFACE ELEVATION	4081.96 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, brownish yellow (10YR6/6) and reddish yellow (7.5YR6/6), damp, soil becomes saturated at 7.0 ft, color changes at 6 ft. (SM)	1	1	easy		94-16-S0-02-01 10/24/94 0845	
4080.0	2			1	1	easy			
4078.0	4			1	1	easy			
4076.0	6			1	1	easy			
4074.0	8			1.5	1.5	easy		94-16-S0-02-02 10/24/94 0915	
4072.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-03
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669903.68; Northing=550465.49
9. SURFACE ELEVATION	4082.02 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, reddish yellow (7.5YR6/6), damp, soil becomes saturated at 7.0 ft. (SM)	1	1	easy		94-16-SO-03-01 94-16-SO-03-21 10/24/94 1040	
4080.0	2			1	1	easy			
4078.0	4			2	1	easy			
4076.0	6			2	1	easy			
4074.0	8			2	1	easy		94-16-SO-03-02 10/24/94 1110	
4072.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669903.62; Northing=550457.83
9. SURFACE ELEVATION	4081.77 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	12/13/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6.75 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp, soil becomes saturated at 6.75 ft, occasional gravels form 6 to 8 ft. (SM)		4.4	easy		94-16-S0-04-01 10/25/94 0840	
4079.8	2				3.4	easy			
4077.8	4				3.2	easy			
4075.8	6				3.2	easy			
4073.8	8		Silty SAND: fine-grained, reddish yellow (7.5YR6/6), saturated, staining and slight odor from 8 to 10 ft. (SM)		4.4	easy		94-16-S0-04-02 10/25/94 0910	
4071.8	10								

DPT SOIL BORING LOG

HOLE NO. 16-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				2	0.5	easy		94-16-SO-04B-03 12/13/94 0920	
4069.8	12		Total Depth = 12 ft						
4067.8	14								
4065.8	16								
4063.8	18								
4061.8	20								
4059.8	22								
4057.8	24								
4055.8	26								
4053.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 16 | HOLE NO.: 16-04

DPT SOIL BORING LOG

HOLE NO.	16-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669896.49; Northing=550464.49
9. SURFACE ELEVATION	4082.08 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, reddish yellow (7.5YR6/6), damp to saturated, Soil is saturated at 7.0 ft. (SM)		1	easy		94-16-SO-05-01 12/13/94 1045	
4080.0	2						NS		
4078.0	4				1	easy		94-16-SO-05-02 12/13/94 1050	
4076.0	6						NS		
4074.0	8				1.5	easy		94-16-SO-05-03 94-16-SO-05-23 12/13/94 1100	
4072.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669897.82; Northing=550453.06
9. SURFACE ELEVATION	4081.66 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp to saturated, Soil is saturated at 7.0 ft. (SM)	0.5	1	easy		94-16-SO-06-01 12/13/94 0955	
4079.6	2						NS		
4077.6	4			0.5	1	easy		94-16-SO-06-02 12/13/94 1000	
4075.6	6						NS		
4073.6	8			0.5	1	easy		94-16-SO-06-03 12/13/94 1010	
4071.6	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669914.22; Northing=550449.29
9. SURFACE ELEVATION	4081.57 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp to saturated, Soil is saturated at 7.0 ft. (SM)		4.5	easy	1	94-16-SO-07-01 12/13/94 1150	
4079.6	2								
							NS		
4077.6	4			1	2	easy	2	94-16-SO-07-02 12/13/94 1210	
4075.6	6								
							NS		
4073.6	8			1	1	easy	2	94-16-SO-07-03 12/13/94 1225	
4071.6	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	16-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669886.38; Northing=550458.88
9. SURFACE ELEVATION	4081.62 ft MSL
10. DATE STARTED/COMPLETED	12/14/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	3.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)				NS		
4079.6	2			1.2	0.5	easy	1.25	94-16-SO-09-01 94-16-SO-09-21 12/14/94 1505	
			Total Depth = 3 ft						
4077.6	4								
4075.6	6								
4073.6	8								
4071.6	10								

DPT SOIL BORING LOG

HOLE NO.	16-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669888.57; Northing=550441.76
9. SURFACE ELEVATION	4081.29 ft MSL
10. DATE STARTED/COMPLETED	12/14/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	3.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)				NS	94-16-S0-10-01 12/14/94 1450	
4079.2	2			1	0.5	easy	2		
			Total Depth = 3 ft						
4077.2	4								
4075.2	6								
4073.2	8								
4071.2	10								

DPT SOIL BORING LOG

HOLE NO.	16-11
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 16, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669904.51; Northing=550439.22
9. SURFACE ELEVATION	4081.41 ft MSL
10. DATE STARTED/COMPLETED	12/14/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	3.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)				NS		
4079.4	2			0.5	0.5	easy	1.25	94-16-SO-11-01 12/14/94 1420	
			Total Depth = 3 ft						
4077.4	4								
4075.4	6								
4073.4	8								
4071.4	10								

DPT SOIL BORING LOG

HOLE NO.	19-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671189.8152; Northing=549265.0868
9. SURFACE ELEVATION	4073.53 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp, staining and odor at 3.25 ft. (SM)		1.6	easy	2	94-19-S0-01-01 10/26/94 1445	
4071.6	2				154	easy	2	94-19-S0-01-02 1450	
4069.6	4		Total Depth = 4 ft						
4067.6	6								
4065.6	8								
4063.6	10								

DPT SOIL BORING LOG

HOLE NO.	19-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671183.94; Northing=549264.88
9. SURFACE ELEVATION	4073.91 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, pink (7.5YR8/4) and bluish black (5B2.5/1), damp, staining and odor 1.0 to 4.0 ft. (SM)		388	easy	1.5	94-19-SO-02-01	
4072.0	2				7.2	easy	1.75	94-19-SO-02-02 10/26/94 1505	
4070.0	4		Total Depth = 4 ft						
4068.0	6								
4066.0	8								
4064.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 19 | HOLE NO.: 19-02

DPT SOIL BORING LOG

HOLE NO.	19-03
SHEET 1	OF 1 SHEETS

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671185.2668; Northing=549260.6176
9. SURFACE ELEVATION	4073.8044 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp, staining and odor 3.0 to 4.0 ft. (SM)		1	easy	2	94-19-S0-03-01 10/26/94 1515	
4071.8	2				18.8	easy	2	94-19-S0-03-02 10/26/94 1520	
4069.8	4		Total Depth = 4 ft						
4067.8	6								
4065.8	8								
4063.8	10								

DPT SOIL BORING LOG

HOLE NO.	19-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET	1 OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671193.646; Northing=549264.5159
9. SURFACE ELEVATION	4073.2713 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp, staining and odor starting at 3.5 ft. (SM)		1	easy	1.75	94-19-SO-04-01 10/26/94 1430	
4071.2	2				65	easy	2		
4069.2	4							94-19-SO-04-02	
			Total Depth = 4 ft						
4067.2	6								
4065.2	8								
4063.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 19 | HOLE NO.: 19-04

DPT SOIL BORING LOG

HOLE NO.	19-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671192.8389; Northing=549252.2376
9. SURFACE ELEVATION	4073.5648 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, pink (7.5YR8/4) and very dark grey (10YR3/1), damp, very soft, non-plastic, staining and odor 3.0 to 10.0 ft. Soil becomes saturated at 6.0 ft. (SM)	1	2.5	easy	2	94-19-S0-05-01 10/26/94 1450	
4071.6	2			60	175	easy	1.4		
4069.6	4			150	400	easy	1.4	94-19-S0-05-02 94-19-S0-05-22 10/26/94 1505	
4067.6 ▼	6				300	moderate	1		
4065.6	8				300	moderate	2	94-19-S0-05-03 10/26/94 1515	
4063.6	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 19 | HOLE NO.: 19-05

DPT SOIL BORING LOG

HOLE NO.	19-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671201.7376; Northing=549252.5073
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, pink (7.5YR8/4) and greenish gray (5G6/1), damp, odor starting at 3.5 ft, heavily stained from 3.5 to 4 ft. (SM)		1	easy	2	94-19-SO-06-01 10/26/94 1355	
	2				440	easy	2	94-19-SO-06-02	
	4		Total Depth = 4 ft						
	6								
	8								
	10								

DPT SOIL BORING LOG

HOLE NO.	19-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671207.0369; Northing=549249.7849
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, pink (7.5YR8/4), damp. (SM)		1	easy	2	94-19-SO-07-01 10/26/94 1335	
	2				1.2	easy	1.75	94-19-SO-07-02 10/26/94 1340	
	4		Total Depth = 4 ft						
	6								
	8								
	10								

DPT SOIL BORING LOG

HOLE NO.	19-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671202.293; Northing=549242.8187
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, pink (7.5YR8/4) and olive (5Y5/3), damp, staining and odor starting at 3.5 ft. (SM)		2.6	easy	2	94-19-SO-08-01 10/26/94 1320	
	2				440	easy	1.25		
	4							94-19-SO-08-02	
			Total Depth = 4 ft						
	6								
	8								
	10								

DPT SOIL BORING LOG

HOLE NO.	19-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 19, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=671209.143; Northing=549242.2291
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, pink (7.5YR8/4) and greenish gray (5GY6/1), damp to saturated, staining and odor 5.2 to 10.0 ft. Soil becomes saturated at 6.0 ft. (SM)		1.5	easy	2	94-19-SO-09-01 10/26/94 1225	
	2				10.2	easy	2		
	4				400	easy	1.5		
	6				400	easy	1.25		
	8				330	easy	2	94-19-SO-09-02 10/26/94 1245	
	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 19 | HOLE NO.: 19-09

DPT SOIL BORING LOG

HOLE NO.	20-01
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 20, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670887.39; Northing=549282.30
9. SURFACE ELEVATION	4073.43 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6), damp to saturated, soft, non-plastic, visible staining and odor from 4.0 to 8.0 ft. Soils saturated at 7.5 ft. (SM)	3	3.4	easy	1.2	94-20-SO-01-01 10/26/94 1235	
4071.4	2			3	30	easy	1.4	94-20-SO-01-02 10/26/94 1243	
4069.4	4			400	220	easy	2		
4067.4	6			460	400	easy	1		
4065.4	8		Total Depth = 8 ft						
4063.4	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 20 | HOLE NO.: 20-01

DPT SOIL BORING LOG

HOLE NO.	20-02
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 20, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670886.88; Northing=549288.41
9. SURFACE ELEVATION	4073.69 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
13. DEPTH DRILLED INTO ROCK	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, light brown (7.5YR6/4) and damp, soft, non-plastic. (SM)	1	3	easy	1.5	94-20-SO-02-01 94-20-SO-02-21 10/26/94 1320	
4071.6	2			2	3	easy	0.4	94-20-SO-02-02 10/26/94 1330	
4069.6	4		Total Depth = 4 ft						
4067.6	6								
4065.6	8								
4063.6	10								

DPT SOIL BORING LOG

HOLE NO.	20-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 20, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670883.3919; Northing=549289.5661
9. SURFACE ELEVATION	4073.6405 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR7/4), damp, soft, non-plastic. (SM)	1	4.2	easy	1.7	94-20-S0-03-01 10/26/94 1345	
4071.6	2			22	40	easy	1	94-20-S0-03-02 10/26/94 1350	
4069.6	4		Total Depth = 4 ft						
4067.6	6								
4065.6	8								
4063.6	10								

DPT SOIL BORING LOG

HOLE NO.	20-04
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 20, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670884.6757; Northing=549283.048
9. SURFACE ELEVATION	4073.4193 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (7.5YR7/6), damp, soft, non-plastic. (SM)	3	1.6	easy	2	94-20-S0-04-01 10/26/94 1405	
4071.4	2			7	41	easy	2	94-20-S0-04-02 10/26/94 1410	
4069.4	4		Total Depth = 4 ft						
4067.4	6								
4065.4	8								
4063.4	10								

DPT SOIL BORING LOG

HOLE NO.	23-01
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668679.7431; Northing=543231.6237
9. SURFACE ELEVATION	4048.1946 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and very pale brown (10YR7/4), damp to saturated, staining and odor 5.0 to 8.0 ft. Soil becomes saturated at 5.0 ft. (SM)	1	1	easy	1.75	94-23-S0-01-01 10/23/94 1405	
4046.2	2			1	2	easy	2		
4044.2	4			4	7	easy	2		
4042.2	6			200	40	easy	2	94-23-S0-01-02 10/23/94 1420	
4040.2	8		Total Depth = 8 ft						
4038.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-01

DPT SOIL BORING LOG

HOLE NO.	23-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668674.2024; Northing=543236.3413
9. SURFACE ELEVATION	4048.0411 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	12/03/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	7	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, bluish black (5B2.5/1), damp to saturated, Staining and odor 1.5 to 8.0 ft. Soil becomes saturated at 4.5 ft. (SM)	1	9	easy	2	94-23-SO-02-01 94-23-SO-02-21	
4046.0	2			190	135	easy	2	94-23-SO-02B-01 12/3/94 1555	
4044.0	4					easy	0		
4042.0	6			320	520	easy	2	94-23-SO-02-02 10/23/94 1130	
4040.0	8						NS		
4038.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-02

DPT SOIL BORING LOG

HOLE NO. 23-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: greenish gray (5GY6/1), damp, very firm, low plasticity, staining and odor 10.0 to 12.0 ft. (CL)	320	26	moderate-hard	2	94-23-SO-02B-03 12/3/94 1620	
4036.0	12			0.9	1	hard	2	94-23-SO-02B-04 12/4/94 0950	
4034.0	14		Total Depth = 14 ft						
4032.0	16								
4030.0	18								
4028.0	20								
4026.0	22								
4024.0	24								
4022.0	26								
4020.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-02

DPT SOIL BORING LOG

HOLE NO.	23-03
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668665.7523; Northing=543233.5308
9. SURFACE ELEVATION	4048.2284 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, very pale brown (10YR7/4) and greenish gray (5GY6/1), damp to saturated, staining and odor 3.9 to 8.0 ft. Soil becomes saturated at 5.0 ft. (SM)	1	1	easy	2	94-23-S0-03-01 10/23/94 1435	
4046.2	2			50	5	easy	2		
4044.2	4			90	53	easy	2		
4042.2	6			150	70	easy	2	94-23-S0-03-02 10/23/94 1455	
4040.2	8		Total Depth = 8 ft						
4038.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-03

DPT SOIL BORING LOG

HOLE NO.	23-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668673.628; Northing=543230.5049
9. SURFACE ELEVATION	4048.23 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	12/03/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	6	3	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, subrounded, very pale brown (10YR7/3), damp. (SM)	1	2	easy	2	94-23-S0-04-01 10/23/94 0920	
4046.2	2		Silty SAND: fine-grained, subrounded, greenish gray (5BG6/1) and dark greenish gray (5BG4/1), damp to saturated, staining and odor beginning at 2.25 ft. (SM)	315	75	easy	0.75	94-23-S0-04B-01 12/3/94 1420	
4044.2	4			150	45	easy	0.33	94-23-S0-04B-02 12/3/94 1430	
4042.2	6			450	38	easy	1	94-23-S0-04-02 10/23/94 0940	
4040.2	8			4	8	moderate	1.75		
4038.2	10		Silty CLAY: greenish gray (5GY6/1), damp to saturated, very firm, non-plastic, homogeneous, staining and slight odor. (CL)						

DPT SOIL BORING LOG

HOLE NO. 23-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				400	80	hard	2	94-23-S0-04B-03 12/3/94 1440	
4036.2	12		Silty SAND: very fine to fine-grained, very pale brown (10YR7/4), damp, no staining. (SM)	52	47	hard	2	94-23-S0-04B-04 12/3/94 1500	
4034.2	14		Total Depth = 14 ft						
4032.2	16								
4030.2	18								
4028.2	20								
4026.2	22								
4024.2	24								
4022.2	26								
4020.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-04

DPT SOIL BORING LOG

HOLE NO.	23-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668661.3191; Northing=543223.91
9. SURFACE ELEVATION	4048.2707 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish brown (5YR5/3) and pale red (2.5YR7/4), damp to saturated, dark staining and odor 6.25 to 10.0 ft, soil becomes saturated at 5.0 ft. Refusal at 11.5 ft. (SM)	5	3	easy	2		
4046.2	2			4	1.5	easy	2		
4044.2	4			4	0.2	easy	2		
4042.2	6			4	0.5	easy	2		
4040.2	8			320	4.2	easy	2	94-23-SO-05-01 11/6/94 1550	
4038.2	10								

DPT SOIL BORING LOG

HOLE NO. 23-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				110	6	hard	1.25	94-23-SO-05-02	
4036.2	12		Total Depth = 12 ft						
4034.2	14								
4032.2	16								
4030.2	18								
4028.2	20								
4026.2	22								
4024.2	24								
4022.2	26								
4020.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-05

DPT SOIL BORING LOG

HOLE NO.	23-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668676.9725; Northing=543220.6919
9. SURFACE ELEVATION	4048.2938 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4046.2	2						NS		
4044.2	4						NS		
4042.2	6		Silty SAND: fine-grained, subrounded, gray (N6), damp, firm, non-plastic, staining and odor. Soil becomes saturated at 6.0 ft. (SM)	140	300	easy	2	94-23-SO-06-01 12/4/94 1030	
4040.2	8			175	8	easy	2		
4038.2	10		CLAY with silt: light greenish gray (5GY7/1) and pale yellow (2.5Y7/3), dry, very firm, low plasticity, odor and staining to 12.0 ft. No staining from 12.5 to 14.0 ft. (CL)						

DPT SOIL BORING LOG

HOLE NO. 23-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				220	7	moderate-hard	2		
4036.2	12			3	0.5	hard	2	94-23-SO-06-02 12/4/94 1100	
4034.2	14		Total Depth = 14 ft						
4032.2	16								
4030.2	18								
4028.2	20								
4026.2	22								
4024.2	24								
4022.2	26								
4020.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-06

DPT SOIL BORING LOG

HOLE NO.	23-07
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668689.4567; Northing=543228.2471
9. SURFACE ELEVATION	4048.2612 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	x		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4046.2	2						NS		
4044.2	4		Silty SAND; fine-grained, subrounded, reddish yellow (7.5YR6/6), saturated, Saturated at 5.0 ft. (SM)	0.2	4	easy	2	94-23-SO-07-01 12/4/94 1145	
4042.2	6						NS		
4040.2	8			1	11	easy	2	94-23-SO-07-02 12/4/94 1200	
4038.2	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-07

DPT SOIL BORING LOG

HOLE NO.	23-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668683.5064; Northing=543236.8487
9. SURFACE ELEVATION	4048.306 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4046.4	2						NS		
4044.4	4		Silty SAND: fine-grained, subrounded, reddish yellow (7.5YR6/6), soil becomes saturated at 5.0 ft. (SM)	0.5	0.5	easy	2	94-23-SO-08-01 12/4/94 1225	
4042.4	6			0.5	0.5	easy	2	94-23-SO-08-02 94-23-SO-08-22 12/4/94 1235	
4040.4	8		Total Depth = 8 ft						
4038.4	10								

DPT SOIL BORING LOG

HOLE NO.	23-09
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668663.9144; Northing=543245.5567
9. SURFACE ELEVATION	4048.1278 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, very pale brown (10YR7/4) and saturated at 4.5 ft. (SM)	1.5	0.5	easy	2		
4046.2	2			1	1	easy	2		
4044.2	4			0.5	0.5	easy	2		
4042.2	6			0.5	0.5	easy	2	94-23-SO-09-01 11/7/94 1000	
4040.2	8			1.5	0.5	easy	2	94-23-SO-09-02 94-23-SO-09-22 11/7/94 1005	
4038.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	23-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668652.8856; Northing=543235.1082
9. SURFACE ELEVATION	4047.6425 ft MSL
10. DATE STARTED/COMPLETED	11/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, very pale brown (10YR7/4) and saturated at 4.5 ft. (SM)	0.5	0.5	easy	1.5		
4045.6	2			1.5	0.5	easy	1.5		
4043.6	4			0.5	0.5	easy	2		
4041.6	6			0.5	0.5	easy	2		
4039.6	8			0.5	0.5	easy	2	94-23-SO-10-01 11/6/94 0850	
4037.6	10								

DPT SOIL BORING LOG

HOLE NO. 23-10

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				0.5	0.5	easy	2	94-23-SO-10-01 11/6/94 0850	
4035.6	12		Total Depth = 12 ft						
4033.6	14								
4031.6	16								
4029.6	18								
4027.6	20								
4025.6	22								
4023.6	24								
4021.6	26								
4019.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-10

DPT SOIL BORING LOG

HOLE NO.	23-11
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668649.0208; Northing=543206.4219
9. SURFACE ELEVATION	4047.6721 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4045.6	2						NS		
4043.6	4						NS		
4041.6	6		Silty SAND: poorly graded, fine-grained, reddish yellow (7.5YR7/6) and black (10YR2/1), saturated, soft, non-plastic, staining and odor 8.0 to 10.0 ft. (SM)			moderate	1.1	94-23-SO-11-01 12/13/94 0842	
4039.6	8			13.2	15	moderate	2		
4037.6	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 23 | HOLE NO.: 23-11

DPT SOIL BORING LOG

HOLE NO.	23-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET	1 OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 23, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668674.1545; Northing=543202.8475
9. SURFACE ELEVATION	4048.3193 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Interval not sampled.				NS		
4046.4	2						NS		
4044.4	4						NS		
4042.4	6		Silty SAND: poorly graded, fine-grained, reddish gray (2.5YR6/1), saturated, soft, non-plastic, staining and odor. Soil is saturated at 6.0 ft. (SM)	2.5	3	moderate	1.5	94-23-SO-12-01 12/13/94 0910	
4040.4	8			3.8	3.2	moderate	2		
4038.4	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	24-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 24, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669183.0607; Northing=543138.9114
9. SURFACE ELEVATION	4049.6655 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		James T. Rowe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy SILT: medium-grained, light yellowish brown (10YR6/4) and light gray (10YR7/2), damp to saturated, 2 in. asphalt on surface, some small gravels, very poor recovery from 0 to 4 ft. (ML)		7.8	easy	0.5		
4047.6	2				4.8	easy	0.75	94-24-S0-01-01 11/1/94 1255	
4045.6	4				5.4	easy	1.5	94-24-S0-01-02 11/1/94 1300	
4043.6	6		Total Depth = 6 ft						
4041.6	8								
4039.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 24 | HOLE NO.: 24-01

DPT SOIL BORING LOG

HOLE NO.	24-02
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 24, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669181.1097; Northing=543141.876
9. SURFACE ELEVATION	4049.7241 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		James T. Rowe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Sandy SILT: very pale brown (10YR7/4) and pale red (2.5YR7/2), damp to saturated, firm, low plasticity, Soil becomes saturated at 1.5 ft. (ML)	0.2	5	easy	2	94-24-S0-02-01 11/1/94 1115	
4047.8	2			6	4.6	easy	2		
4045.8	4			1.2	4.4	easy	2	94-24-S0-02-02 11/1/94 1125	
4043.8	6		Silty SAND: dusky red (2.5YR4/2), moist, firm, low plasticity. (SM)	5		easy	2		
4041.8	8		Total Depth = 8 ft						
4039.8	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 24 | HOLE NO.: 24-02

DPT SOIL BORING LOG

HOLE NO.	24-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 24, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669178.7982; Northing=543138.9779
9. SURFACE ELEVATION	4049.8408 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		James T. Rowe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Asphalt and fill gravel and sand mixture.			easy	2		
4047.8	2				5.2	easy	0.5	94-24-SO-03-01 1145	
4045.8	4		Sandy SILT: poorly graded, fine-grained, yellowish brown (10YR5/4) and very pale brown (10YR8/2), damp to saturated, firm, low plasticity, soil becomes saturated at 3.5 ft. (ML)	6	4.4	easy	2	94-24-SO-03-02 94-24-SO-03-22 11/1/94 1150	
4043.8	6		Total Depth = 6 ft						
4041.8	8								
4039.8	10								

DPT SOIL BORING LOG

HOLE NO.	24-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 24, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669181.0292; Northing=543137.968
9. SURFACE ELEVATION	4049.7527 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		James T. Rowe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Fill. Mixed sand, gravel and asphalt.	2	5.2	easy	0.8	
4047.8	2		SAND with silt: poorly graded, fine to medium-grained, very pale brown (10YR7/4) and light yellowish brown (10YR6/4), damp to saturated, firm, low plasticity, soil becomes saturated at 3.5 ft. (SP)	6	5.2	easy	1.2	94-24-SO-04-01 11/1/94 1210
4045.8	4			6	4.6	easy	2	94-24-SO-04-02 11/1/94 1215
4043.8	6		Total Depth = 6 ft					
4041.8	8							
4039.8	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000

0 2 4 6 8 10

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 24 | HOLE NO.: 24-04

DPT SOIL BORING LOG

HOLE NO.	25-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 25, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670930.94; Northing=542256.50
9. SURFACE ELEVATION	4055.21 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty GRAVEL with sand: angular, reddish brown (5YR5/4), damp, very soft, non-plastic. (GM)	1	1.5	easy	0.6	94-25-SO-01-01 10/24/94 1235	
4053.2	2			0.5	0.8	easy	0.5		
4051.2	4		Silty SAND: strong brown (7.5YR5/6) and strong brown (7.5YR4/6), damp, soft, non-plastic, soil becomes saturated at 6.0 ft. (SM)	0.5	0.5	moderate	1.5	94-25-SO-01-02 10/24/94 1300	
4049.2 ▼	6			5	2	hard	1.6		
4047.2	8		Total Depth = 8 ft						
4045.2	10								

DPT SOIL BORING LOG

HOLE NO.	25-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 25, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670931.52; Northing=542261.00
9. SURFACE ELEVATION	4055.61 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA
20. SAMPLES FOR CHEMICAL ANALYSIS	Yes; E418.1M: ; E418.1: ; SW8260: ; SW8270: ; RCRA Metals:
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Backfilled; BACKFILL: Granular bentonite; MONITORING WELL: No; OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR	Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty GRAVEL with sand: angular, reddish brown (5YR4/4), damp, soft, non-plastic, appears to be fill material. Refusal at 2 ft. Offset and attempted to recollect. Unable to get sample for analysis. (GM)	3.5	9.2	easy	1		
4053.6	2		Total Depth = 2 ft						
4051.6	4								
4049.6	6								
4047.6	8								
4045.6	10								

DPT SOIL BORING LOG

HOLE NO.	25-04
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 25, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670930.86; Northing=542255.85
9. SURFACE ELEVATION	4055.14 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty GRAVEL with gravel: angular, reddish brown (5YR5/4), damp, soft, non-plastic. (GM)	5	5	easy	1	94-25-SO-04-01 10/24/94 1330	
4053.2	2			4.2	3.6	moderate	1		
4051.2	4		Silty SAND: strong brown (7.5YR5/6), damp, soft, non-plastic, soil becomes saturated at 4.5 ft. (SM)	4	5	easy	2	94-25-SO-04-02 94-25-SO-04-22 10/24/94 1340	
4049.2	6		Total Depth = 6 ft						
4047.2	8								
4045.2	10								

DPT SOIL BORING LOG

HOLE NO.	25-05
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 25, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670937.47; Northing=542272.42
9. SURFACE ELEVATION	4055.69 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/3), damp, firm. (SM)	2.3	3.6	moderate	2	94-25-SO-05-01 11/5/94 0840	
4053.6	2		Silty SAND: poorly graded, fine-grained, subangular, pink (5YR8/3) and light reddish brown (5YR6/4), saturated, soft, soil becomes saturated at 1.5 ft. (SM)	5.4	3.2	moderate	2		
4051.6	4			5.6	3.2	moderate	2		
4049.6	6			5.5	3.2	moderate	1.4	94-25-SO-05-02 11/5/94 0915	
4047.6	8		Total Depth = 8 ft						
4045.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 25 | HOLE NO.: 25-05

DPT SOIL BORING LOG

HOLE NO.	27-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667350.0443; Northing=543895.2562
9. SURFACE ELEVATION	4042.4639 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	16.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR7/4) and greenish gray (5GY6/1), damp to saturated, very soft, non-plastic, soil becomes saturated at 5.5 ft. Soil appears to be saturated with NAPL. (SM)	650	350	easy	1.75	94-27-S0-01B-01 94-27-S0-01B-21 12/4/94 1255	
4040.4	2			700	400	easy	2		
4038.4	4			600	150	easy	0.25		
4036.4	6			600	150	easy	2	94-27-S0-01B-02 12/5/94 1030	
4034.4	8		CLAY with silt: light greenish gray (5GY7/1), staining and odor 1.0 to 10.0 ft (CL)	200	95	easy	2	94-27-S0-01-02 11/5/94 1120	
4032.4	10								

DPT SOIL BORING LOG

HOLE NO. 27-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY: pale yellow (2.5Y8/2) and reddish gray (2.5YR7/1), damp, medium plasticity, staining and odor, refusal at 16.0 ft. (CL)	400	360	moderate	2		
4030.4	12			320	300	moderate	2		
4028.4	14			115	320	moderate	2	94-27-SO-018-03 12/5/94 1125	
4026.4	16		Total Depth = 16 ft						
4024.4	18								
4022.4	20								
4020.4	22								
4018.4	24								
4016.4	26								
4014.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-01

DPT SOIL BORING LOG

HOLE NO.	27-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667347.1391; Northing=543902.3329
9. SURFACE ELEVATION	4042.5558 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6) and greenish gray (5GY6/1), damp, staining and odor. Soil becomes saturated at 3.5 ft. (SM)		300	easy	2	94-27-SO-02-01 11/3/94 1540	
4040.6	2				300	easy	2		
4038.6	4				200	easy	0.75		
4036.6	6				200	easy		94-27-SO-02-02 94-27-SO-02-22 11/3/94 1600	
4034.6	8		Total Depth = 8 ft						
4032.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-02

DPT SOIL BORING LOG

HOLE NO. 27-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY: pale yellow (2.5Y8/2) and reddish gray (2.5YR7/1), damp, medium plasticity, staining and odor, refusal at 16.0 ft. (CL)	400	360	moderate	2		
4030.4	12			320	300	moderate	2		
4028.4	14			115	320	moderate	2	94-27-SO-01B-03 12/5/94 1125	
4026.4	16		Total Depth = 16 ft						
4024.4	18								
4022.4	20								
4020.4	22								
4018.4	24								
4016.4	26								
4014.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-01

DPT SOIL BORING LOG

HOLE NO.	27-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667340.4055; Northing=543902.6156
9. SURFACE ELEVATION	4042.1398 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and pink (7.5YR7/4), damp, medium density, medium plasticity, staining and odor. Soil becomes saturated at 5.5 ft. (SM)	650	250	easy	2	94-27-S0-03-01 11/5/94 1005	
4040.2	2			650	250	easy	2		
4038.2	4			600	300	easy	2		
4036.2	6			50	75	easy	2		
4034.2	8		CLAY with silt: pink (7.5YR7/4), dry, very firm, non-plastic, staining and odor. (CL)	18	5	easy-moderate	2	94-27-S0-03-02 11/5/94 1025	
4032.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	27-04
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667340.2092; Northing=543895.5502
9. SURFACE ELEVATION	4042.59 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	12/05/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	16.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and greenish gray (5GY6/1), damp to saturated, staining and odor. Soil becomes saturated at 4.5 ft, possible NAPL present. (SM)	700	500	easy	1.75	94-27-SO-04B-01 94-27-SO-04B-21 12/4/94 1315	
4040.6	2			600	400	easy	1		
4038.6	4					easy	0		
4036.6	6			500	500	easy	2	94-27-SO-04-02 11/3/94 1445	
4034.6	8		Silty SAND: poorly graded, fine-grained, subangular, gray (10YR5/1), saturated, very soft, non-plastic, soil becomes saturated at 8.0 ft. (SM)	200	450	moderate	2	94-27-SO-04B-02 12/5/94 0800	
4032.6	10								

DPT SOIL BORING LOG

HOLE NO. 27-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: pale yellow (2.5Y8/2) and brown (7.5YR5/4), damp, very soft, non-plastic, odor 8.0 to 16.0 ft, no staining. Clay interbedded with caliche from 11 to 15 ft. (CL)	75	460		2		
4030.6	12			350	440		2		
4028.6	14			11.2	6.9		2	94-27-SO-04B-03 12/5/94 0947	
4026.6	16		Total Depth = 16 ft						
4024.6	18								
4022.6	20								
4020.6	22								
4018.6	24								
4016.6	26								
4014.6	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-04

DPT SOIL BORING LOG

HOLE NO.	27-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667352.0703; Northing=543893.0631
9. SURFACE ELEVATION	4042.4092 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and bluish black (5B2.5/1), damp, staining and odor. (SM)	500	200	easy	2	94-27-S0-05-01 1040	
4040.4	2		Total Depth = 2 ft						
4038.4	4								
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-06
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667352.0901; Northing=543909.4267
9. SURFACE ELEVATION	4041.9456 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: very pale brown (10YR7/4), damp, staining and odor. (SM)	650	500	easy	2	94-27-S0-06-01 11/3/94 1400	
4040.0	2		Total Depth = 2 ft						
4038.0	4								
4036.0	6								
4034.0	8								
4032.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667332.0081; Northing=543907.5139
9. SURFACE ELEVATION	4041.8272 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4), damp, staining and odor. (SM)	700	500	easy	2	94-27-S0-07-01 11/3/94 1120	
4039.8	2		Total Depth = 2 ft						
4037.8	4								
4035.8	6								
4033.8	8								
4031.8	10								

DPT SOIL BORING LOG

HOLE NO.	27-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667328.8197; Northing=543897.2928
9. SURFACE ELEVATION	4041.7559 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, brown (7.5YR5/3) and greenish gray (5GY6/1), damp, staining and odor. (SM)	600	600	easy	2	94-27-S0-08-01 11/5/94 0850	
4039.8	2			650	600	easy	2		
4037.8	4			150	400	easy	2		
4035.8	6			6	50	easy	2		
4033.8	8		CLAY with silt: pink (7.5YR7/4), dry, very firm, low plasticity, odor. (CL)	1	1	easy-moderate	2	94-27-S0-08-02 11/5/94 0920	
4031.8	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	27-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667350.1269; Northing=543856.1371
9. SURFACE ELEVATION	4042.7686 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	12/04/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and greenish gray (5GY6/1), damp, staining and odor. (SM)	8.5	20	easy	1.5	94-27-SO-09-01	
4040.8	2		SAND with silt: poorly graded, fine-grained, dark reddish gray (2.5YR5/1) and light yellowish brown (10YR6/4), damp, firm, non-plastic, staining and odor to 5.4 ft. (SM)		500	moderate	1.4	94-27-SO-09B-01 94-27-SO-09B-21 12/4/94 1335	
4038.8	4				92	moderate	2	94-27-SO-09B-02	
4036.8	6		Total Depth = 6 ft						
4034.8	8								
4032.8	10								

DPT SOIL BORING LOG

HOLE NO.	27-10
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667345.2213; Northing=543888.8337
9. SURFACE ELEVATION	4042.4485 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, very pale brown (10YR7/4) and greenish gray (5GY6/1), damp, staining and odor. (SM)	550	300	easy	2	94-27-S0-10-01 11/3/94 1050	
4040.4	2		Total Depth = 2 ft						
4038.4	4								
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-11
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667357.4973; Northing=543892.3549
9. SURFACE ELEVATION	4042.2792 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	12/15/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, pink (7.5YR7/4), damp, staining and odor. (SM)	500	550	easy	0.25	94-27-SO-11B-01 12/4/94 1330	
4040.2	2						NS		
4038.2	4		Silty SAND: fine-grained, light greenish gray (5GY7/1), damp to saturated, staining and odor. (SM)	130	420	easy	2	94-27-SO-11B-02 12/15/94 0810	
4036.2	6			330	380	easy	1.75		
4034.2	8			72	120	easy-moderate	2		
4032.2	10		CLAY with silt: pink (7.5YR7/4) and pink (5YR7/3), damp, very firm, non-plastic, staining and odor ends at 12.0 ft, some gypsum crystals. (CL)						

DPT SOIL BORING LOG

HOLE NO. 27-11

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				50	14	moderate-hard	2		
4030.2	12								
				75	9.2	moderate-hard	2	94-27-S0-11B-03 12/15/94 0905	
4028.2	14		Total Depth = 14 ft						
4026.2	16								
4024.2	18								
4022.2	20								
4020.2	22								
4018.2	24								
4016.2	26								
4014.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-11

DPT SOIL BORING LOG

HOLE NO.	27-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667357.9932; Northing=543918.8605
9. SURFACE ELEVATION	4042.1653 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, brown (7.5YR5/3) and very pale brown (10YR7/4), damp to saturated, staining and odor to 6.0 ft. Soil becomes saturated at 5.0 ft. (SM)		250	easy	2	94-27-S0-12-01 94-27-S0-12-21 11/5/94 1420	
4040.2	2				500	easy	2		
4038.2	4				20	easy	2		
4036.2	6				6	easy	2	94-27-S0-12-02 11/5/94 1435	
4034.2	8		CLAY with silt: pale yellow (2.5Y8/3), dry, very firm, non-plastic. (CL)		4	easy	2		
4032.2	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-12

DPT SOIL BORING LOG

HOLE NO.	27-13
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667321.0288; Northing=543915.8926
9. SURFACE ELEVATION	4042.0021 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and greenish gray (5GY6/1), damp, staining and odor. (SM)	450	300	easy	2	94-27-S0-13-01 1125	
4040.0	2			650	350				
4038.0	4		Total Depth = 4 ft						
4036.0	6								
4034.0	8								
4032.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-13

DPT SOIL BORING LOG

HOLE NO.	27-14
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667283.7731; Northing=543865.6719
9. SURFACE ELEVATION	4041.6803 ft MSL
10. DATE STARTED/COMPLETED	11/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4) and pale yellow (2.5Y8/4), damp to saturated, colors alternate in bands, staining and odor from 5.0 to 7.75 ft. Soil becomes saturated at 5.0 ft. (SM)	7	5	easy	2	94-27-S0-14-01 11/5/94 1345	
4039.6	2			10	20	easy	2		
4037.6	4				11	easy	2		
4035.6	6				4.5	easy	2	94-27-S0-14-02 11/5/94 1400	
4033.6	8		CLAY with silt: pink (7.5YR7/4), damp, very firm, low plasticity, No staining or odor. (CL)		5	easy	2		
4031.6	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-14

DPT SOIL BORING LOG

HOLE NO.	27-15
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667311.2924; Northing=543890.9229
9. SURFACE ELEVATION	4042.0367 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: brown (10YR4/3), damp, firm, low plasticity, staining and odor. (CL)	7.5	6	easy	2	94-27-SO-15-01 11/3/94 1500	
4040.0	2		Silty SAND: fine-grained, pale yellow (2.5Y8/3) and light brown (7.5YR6/4), saturated, staining and odor to 7.5 ft. Soil becomes saturated at 2.0 ft. (SM)		17	easy	2		
4038.0	4				50	easy	2		
4036.0	6				1	easy	2		
4034.0	8		Total Depth = 8 ft					94-27-SO-15-02	
4032.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-16
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667375.0365; Northing=543878.1034
9. SURFACE ELEVATION	4042.9776 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	12/15/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4), damp, firm, low plasticity, staining and odor, some clay from 1.5 to 2 ft. (SM)	350	40	easy	2	94-27-SO-16B-01 12/4/94 1345	
4041.0	2		Silty SAND: fine-grained, very pale brown (10YR7/4), damp, firm, low plasticity, staining and odor. (SM)	200	280	easy	2	94-27-SO-16B-02 94-27-SO-16B-22 12/15/94 1105	
4039.0	4		CLAY with silt: pale yellow (5Y8/4), damp, soft, high plasticity, staining and odor, saturated at 4.75 ft. (CL)						
			Silty SAND: fine-grained, greenish gray (5GY6/1), saturated, soft, low plasticity, staining and odor. (SM)	540	300	easy	2		
4037.0	6			380	44	easy	2		
4035.0	8				7.5	easy	2		
4033.0	10								

DPT SOIL BORING LOG

HOLE NO. 27-16

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			CLAY with silt: pink (7.5YR7/4) and pink (7.5YR7/4), damp, soft, low plasticity, staining and odor, to 11.0 ft. (CL)		7.5	moderate	2	94-27-S0-16B-03 1145	
4031.0	12		Total Depth = 12 ft						
4029.0	14								
4027.0	16								
4025.0	18								
4023.0	20								
4021.0	22								
4019.0	24								
4017.0	26								
4015.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-16

DPT SOIL BORING LOG

HOLE NO.	27-17
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667333.0956; Northing=543879.7857
9. SURFACE ELEVATION	4042.174 ft MSL
10. DATE STARTED/COMPLETED	11/03/94
11. RESAMPLE DATE*	12/04/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	5	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4), damp, staining and odor. (SM)	650	450	easy	2	94-27-S0-17-01 94-27-S0-17-21 11/3/94 1055	
4040.2	2								
							NS		
4038.2	4		Silty SAND: poorly graded, fine-grained, gray (10YR5/1) and weak red (2.5YR6/2), damp to saturated, very firm, non-plastic, staining and odor. Soil is saturated at 4.0 ft. (SM)		642	moderate	2	94-27-S0-17B-01 94-27-S0-17B-21 12/4/94 1230	
4036.2	6								
					82	easy	1.7		
4034.2	8								
					96	moderate	2		
4032.2	10								

DPT SOIL BORING LOG

HOLE NO. 27-17

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
					40	hard	2	94-27-S0-17B-02 12/4/94 1310	
4030.2	12		Total Depth = 12 ft						
4028.2	14								
4026.2	16								
4024.2	18								
4022.2	20								
4020.2	22								
4018.2	24								
4016.2	26								
4014.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-17

DPT SOIL BORING LOG

HOLE NO.	27-18
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667288.1322; Northing=543941.0555
9. SURFACE ELEVATION	4041.4108 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA
20. SAMPLES FOR CHEMICAL ANALYSIS	Yes (E418.1M, E418.1, SW8260, SW8270, RCRA Metals)
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Backfilled (BACKFILL: Granular bentonite; MONITORING WELL: No; OTHER (SPECIFY):)
23. SIGNATURE OF INSPECTOR	Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6) and gray (7.5YR5/1), damp to saturated, staining and odor. Soil becomes saturated at 2.0 ft. (SM)	42	45	easy	2		
4039.4	2			4	18	easy	2		
4037.4	4			17	11	easy	2		
4035.4	6			40	10	easy	2		
4033.4	8		Total Depth = 8 ft						
4031.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-19
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667401.7597; Northing=543854.5915
9. SURFACE ELEVATION	4042.9089 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	12/16/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: pink (7.5YR7/4) and greenish gray (5GY6/1), damp to saturated, firm, low plasticity, staining and odor. Some clay 1.0 to 2.0 ft. Soil becomes saturated at 4.0 ft. (SM)	20	160	easy	2	94-27-SO-19B-01 12/16/94 1405	
4041.0	2		CLAY with sand: dark reddish gray (5YR4/2), dry, medium density, low plasticity. (CL)						
			Silty SAND: poorly graded, fine-grained, greenish gray (5GY6/1), saturated. (SM)	150	200	easy	2		
4039.0 ▼	4			300	16	easy	2	94-27-SO-19B-02 94-27-SO-19B-22 12/16/94 1430	
4037.0	6			110	5	easy	2		
4035.0	8			3	10	easy	2		
4033.0	10		CLAY with silt: gray (10YR6/1), dry, firm, low plasticity, staining and odor. (CL)						

DPT SOIL BORING LOG

HOLE NO. 27-19

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				19	15	moderate	2	94-27-S0-19B-03 12/16/94 1500	
4031.0	12		Total Depth = 12 ft						
4029.0	14								
4027.0	16								
4025.0	18								
4023.0	20								
4021.0	22								
4019.0	24								
4017.0	26								
4015.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-19

DPT SOIL BORING LOG

HOLE NO.	27-20
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667313.5134; Northing=543820.6674
9. SURFACE ELEVATION	4041.7228 ft MSL
10. DATE STARTED/COMPLETED	11/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: fine-grained, pink (7.5YR7/3) and gray (10YR6/1), damp to saturated, soil becomes saturated at 3.5 ft. Clay hit at bottom of boring. (SM)	1	1	easy	2	94-27-S0-20-01 12/4/94 1630	
4039.8	2			2	1	easy	2		
4037.8	4			2	1	easy	2		
4035.8	6			1	1	easy	2		
			CLAY with silt: dry, firm, medium plasticity. (CL)						
4033.8	8		Total Depth = 8 ft						
4031.8	10								

DPT SOIL BORING LOG

HOLE NO.	27-21
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667370.6873; Northing=543855.7775
9. SURFACE ELEVATION	4043.0017 ft MSL
10. DATE STARTED/COMPLETED	12/16/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, reddish brown, dry. (SM)				NS	94-27-SO-21-01 12/4/94 1410	
4041.0	2		Interval not sampled.				NS		
4039.0	4		Silty SAND: poorly graded, fine-grained, red (2.5YR6/6), damp, homogeneous, staining to 9.25 ft. (SM)	6.2	4	easy	2	94-27-SO-21-02 12/16/94 0800	
4037.0	6			170	4	easy	2		
4035.0	8			40	4.6	easy	2		
4033.0	10		CLAY with silt: dry, very firm, low plasticity. (CL)						

DPT SOIL BORING LOG

HOLE NO. 27-21

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				3.5	0.5	easy-moderate	2	94-27-SO-21-03 12/16/94 0835	
4031.0	12		Total Depth = 12 ft						
4029.0	14								
4027.0	16								
4025.0	18								
4023.0	20								
4021.0	22								
4019.0	24								
4017.0	26								
4015.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-21

DPT SOIL BORING LOG

HOLE NO.	27-22
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667387.1956; Northing=543897.5028
9. SURFACE ELEVATION	4043.0817 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, light brown (7.5YR6/4) and pink (7.5YR8/3), damp, firm, non-plastic. (SM)		7.3	moderate	2	94-27-SO-22-01 12/4/94 1529	
4041.0	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/3) and reddish yellow (7.5YR7/6), saturated, firm, non-plastic, soil is saturated at 4.0 ft. (SM)				NS		
4039.0	4				16.2	moderate	1	94-27-SO-22-02 12/4/94 1545	
4037.0	6		Total Depth = 6 ft		6.5	moderate	2	94-27-SO-22-03 12/4/94 1557	
4035.0	8								
4033.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-23
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667364.7017; Northing=543928.8117
9. SURFACE ELEVATION	4042.4109 ft MSL
10. DATE STARTED/COMPLETED	12/15/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with clay: poorly graded, light brown (7.5YR6/4), damp, firm, low plasticity, Interval hand-augered. (SM)	0.5	0.5	easy	2	94-27-SO-23-01 12/4/94 1530	
4040.4	2		Silty SAND: fine-grained, light yellowish brown (10YR6/4) and very pale brown (10YR7/3), damp to saturated. (SM)	0.5	0.5	easy	2	94-27-SO-23-02 12/15/94 1405	
4038.4	4						NS		
4036.4	6			4.4	0.5	easy	2	94-27-SO-23-03 12/15/94 1410	
4034.4	8		Total Depth = 8 ft						
4032.4	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-23

DPT SOIL BORING LOG

HOLE NO.	27-24
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667336.2452; Northing=543945.397
9. SURFACE ELEVATION	4042.0212 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, angular, reddish brown (5YR5/4) and pink (7.5YR7/4), damp to saturated, very firm, non-plastic, soil becomes saturated at 4.0 ft. Gravels present from 0 to 0.75 ft. (SM)		593	moderate	2	94-27-SO-24-01 12/4/94 1410	
4040.0	2								
4038.0	4				117	moderate	2	94-27-SO-24-02 12/4/94 1425	
4036.0	6				84	moderate	2		
4034.0	8				17	moderate	2	94-27-SO-24-03 12/4/94 1507	
			CLAY: pink (7.5YR7/4), damp, very firm, low plasticity, interbedded with caliche. (CL)						
4032.0	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-24

DPT SOIL BORING LOG

HOLE NO.	27-25
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667298.1203; Northing=543933.3698
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, weak red (2.5YR6/4) and pale yellow (2.5Y8/2), damp to saturated, soft, non-plastic, staining and odor from 2.0 to 8.7 ft. Black (10YR2/1) staining from 4 to 5.4 ft. (SM)				NS	94-27-SO-25-01 12/4/94 1555	
	2				97	moderate	0.3	94-27-SO-25-02 12/4/94 1630	
▼	4					moderate	2		
	6				7.3	moderate	2		
	8				4.2	hard	2	94-27-SO-25-03 12/4/94 1703	
	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	27-26
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667321.1395; Northing=543883.6561
9. SURFACE ELEVATION	4042.2051 ft MSL
10. DATE STARTED/COMPLETED	12/16/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, dark reddish brown (5YR3/3), damp. (SM)	17	14			94-27-SO-26-01 12/16/94 0855	
4040.2	2		Silty SAND: poorly graded, fine-grained, saturated, homogeneous. (SM)				NS		
4038.2	4			420	140			94-27-SO-26-02 94-27-SO-26-22 12/16/94 0905	
4036.2	6			420	90				
4034.2	8			110	19				
			CLAY with silt: pink (7.5YR8/3), dry to damp, firm, low plasticity. (CL)						
4032.2	10								

DPT SOIL BORING LOG

HOLE NO. 27-26

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				15	9.2			94-27-SO-26-03 12/16/94 0930	
4030.2	12		Total Depth = 12 ft						
4028.2	14								
4026.2	16								
4024.2	18								
4022.2	20								
4020.2	22								
4018.2	24								
4016.2	26								
4014.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-26

DPT SOIL BORING LOG

HOLE NO.	27-27
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667325.9016; Northing=543852.6089
9. SURFACE ELEVATION	4041.9727 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	12/15/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with clay: poorly graded, light brown (7.5YR6/4), moist, soft, low plasticity, Interval hand augered. (SM)				NS	94-27-SO-27-01 12/4/94 1610	
4040.0	2		Silty SAND: fine-grained, very pale brown (10YR8/4) and greenish gray (5GY6/1), damp, staining and odor. (SM)	150	30	easy	2	94-27-SO-27-02 12/15/94 1425	
4038.0	4			40	15.8	easy	2		
4036.0	6			9.8	3.4	easy	2		
4034.0	8		CLAY with silt: light greenish gray (5GY7/1), damp, firm, low plasticity, increased fine-grained sand from 8.2 to 8.9 ft. Becomes pale yellow (2.5Y8/3) at 9 ft. (CL)	0.5	1.5	easy	2	94-27-SO-27-03 12/15/94 1450	
4032.0	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	27-28
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667346.07; Northing=543969.17
9. SURFACE ELEVATION	4042.28 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	5	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, brown (7.5YR5/3) and damp, staining and odor. (SM)	120	190	easy	2	94-27-SO-28-01 94-27-SO-28-21 12/17/94 0750	
4040.2	2						NS		
4038.2	4			500	400	easy	2	94-27-SO-28-02 12/17/94 0800	
4036.2	6			520	520	easy	0.25	94-27-SO-28-03 12/17/94 0810	
4034.2	8			300	360	easy	2		
4032.2	10		CLAY with silt: light olive gray (5Y6/2), dry, firm, low plasticity, staining and odor. (CL)						

DPT SOIL BORING LOG

HOLE NO. 27-28

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				19	100	moderate	2	94-27-SO-28-04 12/17/94 0830	
4030.2	12		Total Depth = 12 ft						
4028.2	14								
4026.2	16								
4024.2	18								
4022.2	20								
4020.2	22								
4018.2	24								
4016.2	26								
4014.2	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-28

DPT SOIL BORING LOG

HOLE NO.	27-29
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667293.6367; Northing=543981.6563
9. SURFACE ELEVATION	4042.2734 ft MSL
10. DATE STARTED/COMPLETED	12/16/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, pink (5YR7/3) and pink (7.5YR7/4), damp to saturated, firm, low plasticity, staining and odor 2.0 to 10.0 ft. Soil becomes saturated at 3.0 ft. Occasional gravel from 0 to 2 ft. (SM)	0.5	0.5	easy	2	94-27-SO-29-01 12/16/94 1200	
4040.2	2			13	200	easy	2	94-27-SO-29-02 12/16/94 1205	
4038.2	4			70	90	easy	2		
4036.2	6			40	200	easy	2		
4034.2	8			13	3.5	easy	2		
4032.2	10		Total Depth = 10 ft					94-27-SO-29-03 1230	

DPT SOIL BORING LOG

HOLE NO.	27-30
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667262.096; Northing=543957.3993
9. SURFACE ELEVATION	4042.1301 ft MSL
10. DATE STARTED/COMPLETED	12/16/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, pink (5YR7/3) and very pale brown (10YR8/3), damp, soil becomes saturated at 3.5 ft. (SM)	0.5	1.2	easy	2	94-27-S0-30-01 12/16/94 1145	
4040.2	2			3.8	1	easy		94-27-S0-30-02 12/16/94 1150	
4038.2	4		Total Depth = 4 ft						
4036.2	6								
4034.2	8								
4032.2	10								

DPT SOIL BORING LOG

HOLE NO.	27-31
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667266.3201; Northing=543904.4074
9. SURFACE ELEVATION	4041.8922 ft MSL
10. DATE STARTED/COMPLETED	12/16/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: pink (5YR7/3) and very pale brown (10YR7/3), damp. (SM)	0.5	0.5	easy	2	94-27-S0-31-01 12/16/94 1130	
4039.8	2			1.5	2	easy	1.75	94-27-S0-31-02 12/16/94 1135	
4037.8	4		Total Depth = 4 ft						
4035.8	6								
4033.8	8								
4031.8	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 27 | HOLE NO.: 27-31

DPT SOIL BORING LOG

HOLE NO.	27-32
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667369.0044; Northing=543796.1547
9. SURFACE ELEVATION	4042.4456 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, reddish brown (5YR5/4) and very pale brown (10YR8/3), damp, soil saturated at ~3.0 ft. (SM)	1.2	30	easy	2	94-27-SO-32-01 12/17/94 0930	
4040.4	2			7.6	17	easy	2	94-27-SO-32-02 12/17/94 0935	
4038.4	4		Total Depth = 4 ft						
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-33
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667436.8784; Northing=543831.0872
9. SURFACE ELEVATION	4044.0885 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6) and very pale brown (10YR8/3), damp to saturated, soil becomes saturated at 3.0 ft, occasional gravel from 0 to 2 ft. (SM)	17	0.5	easy	2		
4042.0	2			11	5.6	easy	2	94-27-SO-33-01 12/17/94 0950	
4040.0	4		Total Depth = 4 ft						
4038.0	6								
4036.0	8								
4034.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-34
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667432.1241; Northing=543889.2438
9. SURFACE ELEVATION	4043.0509 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.25 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, yellowish brown (10YR5/6) and very pale brown (10YR8/3), damp to saturated, soil becomes saturated at 3.25 ft, occasional gravel from 0 to 2 ft. (SM)	0.5	0.5	easy	2		
4041.0	2			1.2	6.8	easy	2	94-27-S0-34-01 12/17/94 1025	
4039.0	4		Total Depth = 4 ft						
4037.0	6								
4035.0	8								
4033.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-35
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667264.8183; Northing=544009.9757
9. SURFACE ELEVATION	4042.3915 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6) and very pale brown (10YR8/3), damp to saturated, soil becomes saturated at 3.0 ft, gravel from 0 to 2 ft. (SM)	0.5	0.8	easy	2		
4040.4	2			1.4	2.2	easy		94-27-SO-35-01 12/17/94 1040	
4038.4	4		Total Depth = 4 ft						
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-36
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667329.3332; Northing=544021.1624
9. SURFACE ELEVATION	4044.0233 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4042.0	2		CLAY with silt: very dark brown (7.5YR2.5/2), damp, firm, non-plastic. (CL)		3.5	easy	2	94-27-SO-36-01 12/17/94 1310	
4040.0	4		Silty SAND: fine-grained, very dark brown (7.5YR2.5/2) and very pale brown (10YR8/3), damp to saturated, soil becomes saturated at 4.5 ft. (SM)		6	easy	2	94-27-SO-36-02 94-27-SO-36-22 12/17/94 1315	
4038.0	6		Total Depth = 6 ft						
4036.0	8								
4034.0	10								

DPT SOIL BORING LOG

HOLE NO.	27-37
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667387.9635; Northing=543992.7688
9. SURFACE ELEVATION	4042.4347 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, brown (7.5YR5/3) and light brown (7.5YR6/4), damp to saturated, odor to 6.0 ft. Soil becomes saturated at 3.0 ft. Occasional gravel from 0 to 2 ft. (SM)		140	easy	2	94-27-SO-37-01 12/17/94 1230	
4040.4	2				200	easy	0.25	94-27-SO-37-02 12/17/94 1235	
4038.4	4				220	easy	2		
4036.4	6				10	easy	2	94-27-SO-37-03 12/17/94 1300	
4034.4	8		Total Depth = 8 ft						
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-38
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667375.07; Northing=543745.51
9. SURFACE ELEVATION	4042.75 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish brown (5YR5/4), damp, occasional gravel from 0 to 2 ft. (SM)	0.5	0.5	easy	2	94-27-SO-38-01 94-27-SO-38-21 12/17/94 1450	
4040.8	2		Total Depth = 2 ft						
4038.8	4								
4036.8	6								
4034.8	8								
4032.8	10								

DPT SOIL BORING LOG

HOLE NO.	27-39
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667332.7554; Northing=543767.4999
9. SURFACE ELEVATION	4042.4859 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: fine-grained, brown (7.5YR5/4), damp. (SM)	0.5	0.5	easy	2	94-27-SO-39-01 12/17/94 1445	
4040.4	2		Total Depth = 2 ft						
4038.4	4								
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	27-40
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667408.223; Northing=544021.2063
9. SURFACE ELEVATION	4043.7929 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4041.8	2		Silty SAND: fine-grained, light brownish gray (10YR6/2) and very pale brown (10YR8/3), damp, soil becomes saturated at 4.0 ft. (SM)	0.5	7.4	easy	2	94-27-SO-40-01 12/17/94 1520	
4039.8	4			0.5	0.5	easy	1.75	94-27-SO-40-02 12/17/94 1525	
4037.8	6		Total Depth = 6 ft						
4035.8	8								
4033.8	10								

DPT SOIL BORING LOG

HOLE NO.	27-41
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 27, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=667406.3193; Northing=543963.4962
9. SURFACE ELEVATION	4042.8906 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	3.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4040.8	2		Silty SAND: fine-grained, very pale brown (10YR8/3), saturated, soil becomes saturated at 3.0 ft. (SM)	0.5	0.5			94-27-S0-41-01 12/17/94 1510	
4038.8	4			0.5	9.4			94-27-S0-41-02 12/17/94 1515	
4036.8	6		Total Depth = 6 ft						
4034.8	8								
4032.8	10								

DPT SOIL BORING LOG

HOLE NO.	28-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669727.4313; Northing=543050.6617
9. SURFACE ELEVATION	4052.9616 ft MSL
10. DATE STARTED/COMPLETED	11/02/94
11. RESAMPLE DATE*	12/07/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	5	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, very pale brown (10YR8/2), damp, soft. (SM)		9.4	moderate	1.4	94-28-SO-01-01 11/2/94 1420	
4051.0	2		Silty SAND: poorly graded, fine-grained, subangular, black (10YR2/1) and gray (10YR6/1), damp to saturated, soft, non-plastic, staining and odor. Soil becomes saturated at 6.0 ft. (SM)		69	moderate	0.5		
4049.0	4				74	moderate	2	94-28-SO-01B-02 12/7/94 0935	
4047.0 ▼	6				420	moderate	1.3	94-28-SO-01-02 11/2/94 1447	
4045.0	8				280	hard	2	94-28-SO-01-03 94-28-SO-01-23 11/2/94 1510	
4043.0	10		Sandy CLAY: reddish brown (5YR4/4), damp, low plasticity, upper 0.5 ft intermixed with caliche. (CL)						

DPT SOIL BORING LOG

HOLE NO. 28-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				1.3	0		2		
4041.0	12		Total Depth = 12 ft						
4039.0	14								
4037.0	16								
4035.0	18								
4033.0	20								
4031.0	22								
4029.0	24								
4027.0	26								
4025.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-01

DPT SOIL BORING LOG

HOLE NO.	28-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669728.1515; Northing=543058.0417
9. SURFACE ELEVATION	4052.8613 ft MSL
10. DATE STARTED/COMPLETED	11/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, gray (7.5YR5/1), damp, soft, non-plastic, staining and odor. (SM)		290		1.5	94-28-S0-02-01 11/2/94 1320	
4050.8	2				300		1.5		
4048.8	4				340		0.4		
4046.8	6		Silty SAND: poorly graded, fine-grained, subangular, gray (7.5YR6/1), saturated, very soft, non-plastic, staining and odor. Soil becomes saturated at 6.0 ft. (SM)		350		1.3		
4044.8	8		CLAY: reddish brown (5YR4/4), damp, soft, non-plastic, intermixed with caliche (CL)		240		2	94-28-S0-02-02 11/2/94 1400	
4042.8	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-02

DPT SOIL BORING LOG

HOLE NO.	28-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669726.6607; Northing=543046.6717
9. SURFACE ELEVATION	4052.9031 ft MSL
10. DATE STARTED/COMPLETED	11/02/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	7.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR8/3) and dark grey (10YR4/1), damp, soft, non-plastic, staining and odor 2.0 to 10.0 ft. Soil becomes saturated at 7.5 ft. (SM)	4.4	5.2	moderate	1.5	94-28-SO-03-01 11/2/94 1025	
4051.0	2			4.1	4.4	moderate	1.7		
4049.0	4			72	240	moderate	1.5		
4047.0	6			56	46	moderate	1.7		
4045.0	8			70	45	hard	2	94-28-SO-03-02 11/2/94 1115	
4043.0	10		CLAY: reddish brown (5YR4/4), damp, soft, non-plastic, intermixed with caliche (CL)						
			Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-04
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669729.8577; Northing=543062.7729
9. SURFACE ELEVATION	4052.9166 ft MSL
10. DATE STARTED/COMPLETED	11/02/94
11. RESAMPLE DATE*	12/07/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	2	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Gravel fill. Staining and odor. Soil becomes saturated at 1.0 ft.	36	40	moderate	0.2	94-28-S0-04-01 11/2/94 0850
4051.0	2			36	40	moderate	0.6	
4049.0	4			74	400	moderate	0.6	
4047.0	6		Silty SAND: poorly graded, fine-grained, subangular, light gray (7.5YR7/1), saturated, hard, non-plastic, staining and odor. (SM)	300	450	moderate	1.5	94-28-S0-04-02 11/2/94 0920
4045.0	8			100	450	hard	2	94-28-S0-04-03 11/2/94 0943
4043.0	10							

TRPH RESULT (mg/kg)** 10 100 1000 10,000

0 2 4 6 8 10

DPT SOIL BORING LOG

HOLE NO. 28-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy CLAY: black (10YR2/1) and reddish brown (5YR4/4), damp, very firm, non-plastic, staining and odor to 11.0 ft. (CL)	1.3	2	moderate	2	94-28-SO-04B-02 12/7/94 1130	
4041.0	12		Total Depth = 12 ft						
4039.0	14								
4037.0	16								
4035.0	18								
4033.0	20								
4031.0	22								
4029.0	24								
4027.0	26								
4025.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-04

DPT SOIL BORING LOG

HOLE NO.	28-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669734.0076; Northing=543075.5153
9. SURFACE ELEVATION	4052.7472 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark reddish gray (5YR4/2), damp, very soft, non-plastic. (SM)						
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4) and pale yellow (2.5Y8/2), damp, soft, non-plastic, Soil becomes saturated at ~6.0 ft. (SM)	0	0	moderate	1.2	94-28-SO-05-01 12/6/94 1155	
4050.8	2								
							NS		
4048.8	4			0	0	easy	1.6	94-28-SO-05-02 12/6/94 1207	
4046.8	6								
							NS		
4044.8 ▼	8		CLAY with sand: reddish gray (2.5YR7/1) and brown (7.5YR5/4), damp, firm, low plasticity, staining. (CL)	3	1.5	hard	1.5	94-28-SO-05-03 12/6/94 1220	
4042.8	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-06
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669717.7751; Northing=543064.1309
9. SURFACE ELEVATION	4052.7815 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	14.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR5/4), damp, soft, non-plastic, staining and odor. Soil becomes saturated at 6.0 ft. (SM)	78	107	moderate	1.2	94-28-S0-06-01 94-28-S0-06-21 12/6/94 1439	
4050.8	2		Silty SAND: poorly graded, fine-grained, light gray (10YR7/2), damp, very soft. (SM)				NS		
4048.8	4			300	190	easy	2	94-28-S0-06-02 12/6/94 1452	
4046.8	6						NS		
4044.8	8		Sandy CLAY: gray (10YR6/1) and reddish brown (5YR4/4), damp, soft, low plasticity, becoming less sandy near base, staining ends at 12 ft. (CL)	250	240	hard	2		
4042.8	10								

DPT SOIL BORING LOG

HOLE NO. 28-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				75	19.6	hard	2		
4040.8	12			1.2		hard	2	94-28-SO-06-03 12/6/94 1525	
4038.8	14		Total Depth = 14 ft						
4036.8	16								
4034.8	18								
4032.8	20								
4030.8	22								
4028.8	24								
4026.8	26								
4024.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-06

DPT SOIL BORING LOG

HOLE NO.	28-07
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669716.6003; Northing=543052.8568
9. SURFACE ELEVATION	4052.8514 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/4), damp, soft, non-plastic, staining and odor. (SM)						
			Silty SAND: poorly graded, fine-grained, angular, gray (10YR5/1), damp to saturated, firm, non-plastic, Soil becomes saturated at ~6.0 ft. (SM)	13	11	moderate	2	94-28-S0-07-01 94-28-S0-07-21 12/6/94 1600	
4050.8	2								
							NS		
4048.8	4			50	250	hard	1.4	94-28-S0-07-02 12/6/94 1620	
4046.8	6								
							NS		
4044.8	8		Sandy CLAY: reddish brown (5YR4/4), damp, firm, low plasticity, becoming less sandy near base (CL)	45	115	hard	2		
4042.8	10								

DPT SOIL BORING LOG

HOLE NO. 28-07

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				0	0	very hard	2	94-28-SO-07-03 12/6/94 1645	
4040.8	12		Total Depth = 12 ft						
4038.8	14								
4036.8	16								
4034.8	18								
4032.8	20								
4030.8	22								
4028.8	24								
4026.8	26								
4024.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-07

DPT SOIL BORING LOG

HOLE NO.	28-08
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669725.1664; Northing=543038.2308
9. SURFACE ELEVATION	4052.4708 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	3	3	3	3	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark brown (7.5YR3/2), damp, firm, non-plastic. (SM)						
			Silty SAND: poorly graded, fine-grained, very pale brown (10YR7/4) and very pale brown (10YR8/3), damp, very soft, non-plastic, soil saturated at ~6.0 ft. (SM)	2	2	moderate	1.5	94-28-SO-08-01 94-28-SO-08-21 12/6/94 0840	
4050.4	2								
							NS		
4048.4	4			2.1	2	moderate	0.9	94-28-SO-08-02 12/6/94 0915	
4046.4	6								
							NS		
4044.4	8		Sandy CLAY: gray (10YR6/1) and reddish brown (5YR4/4), damp, very firm, non-plastic, staining and odor, becoming less sandy near base. (CL)	40	38	hard	2		
4042.4	10								

DPT SOIL BORING LOG

HOLE NO. 28-08

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				1	1.2	hard	2	94-28-SO-08-03 12/6/94 0940	
4040.4	12		Total Depth = 12 ft						
4038.4	14								
4036.4	16								
4034.4	18								
4032.4	20								
4030.4	22								
4028.4	24								
4026.4	26								
4024.4	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-08

DPT SOIL BORING LOG

HOLE NO.	28-09
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669745.7706; Northing=543048.3159
9. SURFACE ELEVATION	4052.6024 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, reddish brown (5YR4/4), damp, soft, non-plastic. (SM)						
			Silty SAND: poorly graded, fine-grained, reddish yellow (7.5YR6/6), very soft, non-plastic, soil saturated at ~6.0 ft. (SM)	0	0	moderate	2	94-28-S0-09-01 12/6/94 1020	
4050.6	2								
							NS		
4048.6	4								
				0	0	easy	2	94-28-S0-09-02 12/6/94 1035	
4046.6	6								
							NS		
4044.6	8		CLAY with sand: reddish gray (2.5YR7/1) and reddish brown (5YR5/4), damp, very firm, low plasticity, staining. (CL)	4	1.2	hard	2		
								94-28-S0-09-03 1045	
4042.6	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-10
SHEET 1	OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669746.6944; Northing=543062.553
9. SURFACE ELEVATION	4052.5408 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark grayish brown (10YR4/2), damp, soft. (SM)	0	0	moderate	2	94-28-S0-10-01 12/6/94 1109	
4050.6	2		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4), damp, very soft, non-plastic, soil saturated at ~6.0 ft. (SM)				NS		
4048.6	4			0	0	moderate	1.6	94-28-S0-10-02 12/6/94 1120	
4046.6	6						NS		
4044.6	8		CLAY with sand: pale red (2.5YR7/3) and reddish brown (5YR5/4), damp, firm, low plasticity. (CL)	0	0	hard	2	94-28-S0-10-03 1136	
4042.6	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-11
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669727.4823; Northing=543017.6949
9. SURFACE ELEVATION	4052.9455 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	X		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR4/2) and reddish yellow (5YR6/6), damp, soft, non-plastic. (SM)	1.5	1	moderate	1.6	94-28-SO-11-01 12/13/94 1430	
4051.0	2		Silty SAND: poorly graded, fine-grained, reddish gray (2.5YR6/1), damp to saturated, soft, non-plastic, soil saturated at 5.5 ft, staining and odor 6.0 to 8.0 ft. (SM)	1.2	1	moderate	1.1	94-28-SO-11-02 12/13/94 1448	
4049.0	4			1.3	1	moderate	2		
4047.0	6			50	82	moderate	1.4	94-28-SO-11-03 12/13/94 1520	
4045.0	8		CLAY with sand: reddish gray (2.5YR6/1), damp, firm, low plasticity, staining and odor. (CL)		3.8	moderate	2		
4043.0	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 28 | HOLE NO.: 28-11

DPT SOIL BORING LOG

HOLE NO.	28-12
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669702.7561; Northing=543033.8183
9. SURFACE ELEVATION	4053.1192 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, pink (5YR7/3), soft, non-plastic. (SM)	0	2.1	moderate	1.6	94-28-SO-12-01 12/13/94 1548	
4051.2	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/4) and gray (7.5YR6/1), damp to saturated, soft, non-plastic, soil saturated at 5.5 ft, staining and odor 6.0 to 8.0 ft. (SM)	0	1.2	moderate	0.4	94-28-SO-12-02 12/13/94 1600	
4049.2	4			0	1.3	moderate	2		
4047.2	6			0	2.5	moderate	1.6		
4045.2	8		CLAY with sand: poorly graded, fine-grained, gray (7.5YR6/1), damp, firm, low plasticity, staining and odor. (CL)	0	2	hard	2	94-28-SO-12-03	
4043.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-13
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669692.9343; Northing=543059.7898
9. SURFACE ELEVATION	4052.3976 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.3 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Concrete surface (pre-drilled).						
			Silty SAND: poorly graded, fine-grained, black (10YR2/1), damp, soft, staining ends at 1.7 ft. (SM)	6.4	5.2	moderate	2	94-28-SO-13-01 12/13/94 1120	
4050.4	2		Silty SAND: poorly graded, fine-grained, black (10YR2/1) and pink (7.5YR7/3), damp to saturated, soft, non-plastic, soil becomes saturated at 5.3 ft. Clay contact at 9.3 ft. (SM)	1.5	1	moderate	1	94-28-SO-13-02 12/13/94 1135	
4048.4	4			1.2	1	moderate	2		
4046.4	6			1.3	1.1	moderate	2	94-28-SO-13-03 12/13/94 1205	
4044.4	8			1.4	1.2	hard	2		
4042.4	10		Sandy CLAY: reddish brown (5YR5/4), damp, firm, low plasticity. (CL)						
			Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	28-14
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 28, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669724.2875; Northing=542998.1881
9. SURFACE ELEVATION	4052.7534 ft MSL
10. DATE STARTED/COMPLETED	12/17/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4050.8	2						NS		
4048.8	4						NS		
4046.8	6		Silty SAND: poorly graded, fine-grained, pale yellow (2.5Y8/3), saturated, soft, non-plastic. (SM)	1	3.4	moderate	1.7	94-28-SO-14-01 12/17/94 1240	
4044.8	8		Sandy CLAY: damp, firm, low plasticity. (CL)	2.8	2.9	moderate	1.5	94-28-SO-14-02 12/17/94 1255	
4042.8	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	29-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 29, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669757.8312; Northing=542785.3609
9. SURFACE ELEVATION	4052.28 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: fine-grained, brown (7.5YR5/4) and pale yellow (2.5Y8/2), damp to saturated, staining and odor. Soil becomes saturated at 4.5 ft. (SM)		225	easy	2	94-29-S0-01-01 10/31/94 1415	
4050.2	2				400	easy	1.75		
4048.2	4				150	easy	1.25		
4046.2	6				150	easy	2	94-29-S0-01-02 10/31/94 1430	
4044.2	8		Total Depth = 8 ft						
4042.2	10								

DPT SOIL BORING LOG

HOLE NO.	29-02
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 29, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669751.8469; Northing=542792.6164
9. SURFACE ELEVATION	4052.26 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	5.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: fine-grained, light brown (7.5YR6/3) and greenish gray (5GY5/1), damp to saturated, staining and odor. Soil becomes saturated at 5.0 ft. (SM)	600	600	easy	2	94-29-S0-02-01 94-29-S0-02-21 10/31/94 1250	
4050.2	2				550	easy	2		
4048.2	4				500	easy	1.75		
4046.2	6				125	easy	2	94-29-S0-02-02 10/31/94 1305	
4044.2	8		Total Depth = 8 ft						
4042.2	10								

DPT SOIL BORING LOG

HOLE NO.	29-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 29, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669749.1034; Northing=542786.3704
9. SURFACE ELEVATION	4052.21 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			SAND with silt: fine-grained, reddish yellow (7.5YR6/6) and light gray (N7), damp to saturated, staining and odor. Soil becomes saturated at 4.8 ft. (SM)		500	easy	2	94-29-SO-03-01 1325	
4050.2	2			220	90	easy	1		
4048.2	4			60	50	easy	1.75		
4046.2	6				25	easy	2	94-29-SO-03-02 10/31/94 1340	
4044.2	8		Total Depth = 8 ft						
4042.2	10								

DPT SOIL BORING LOG

HOLE NO.	29-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 29, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=669751.7626; Northing=542780.1503
9. SURFACE ELEVATION	4052.21 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	7.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10 100 1000 10,000)
			GRAVEL with sand: subrounded, light brownish gray (10YR6/2), dry, staining and odor at 5.0 to 7.0 ft. Soil becomes saturated at 4.5 ft. 4.0 to 5.0 ft void section, refusal at 7.0 ft. (GW)		400	easy	2	94-29-S0-04-01 10/31/94 1530	
4050.2	2					easy	0.25		
4048.2	4						NS		
4046.2	6				250	easy	0.25	94-29-S0-04-02 10/31/94 1540	
			Total Depth = 7 ft						
4044.2	8								
4042.2	10								

DPT SOIL BORING LOG

HOLE NO.	31-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Jason Ferber
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670950.25; Northing=542319.43
9. SURFACE ELEVATION	4055.24 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: pink (7.5YR8/4) and very pale brown (10YR7/4), damp to saturated, very soft, non-plastic, staining and odor at 2.0 ft. Soil becomes saturated at 2.5 ft. (SM)	1.2	3.6	moderate	0.5		
4053.2	2			5.3	135	moderate	1.1		
4051.2	4							94-31-SO-01-01 1445	
			Silty SAND: gray (10YR6/1) and pink (7.5YR8/4), saturated, very soft, non-plastic, stains and odor at 6.0 ft. (SM)	1	3.8	moderate	1		
4049.2	6			1.2	1.6	easy	1.2	94-31-SO-01-02 10/23/94 1510	
4047.2	8		Total Depth = 8 ft						
4045.2	10								

DPT SOIL BORING LOG

HOLE NO.	31-02
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Jason Ferber
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670952.44; Northing=542321.14
9. SURFACE ELEVATION	4055.17 ft MSL
10. DATE STARTED/COMPLETED	10/23/94
11. RESAMPLE DATE*	12/04/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: angular, pink (7.5YR8/4) and very pale brown (10YR8/4), damp, soft, non-plastic, staining and odor. (SM)	1.2	3.4	moderate	1.3	94-31-S0-02-01 10/23/94 1540	
4053.2	2			9	88	moderate	1		
4051.2	4		Silty SAND: poorly graded, fine-grained, gray (10YR6/1) and very pale brown (10YR8/3), saturated, non-plastic, staining and odor to 7.0 ft. Soil becomes saturated at 4.0 ft. (SM)	12.2	10.8	soft	1.2	94-31-S0-02-02 94-31-S0-02-22 10/23/94 1600	
4049.2	6			6.6	250	soft	2	94-31-S0-02B-02 12/4/94 0915	
4047.2	8				0.8	easy	1.7		
4045.2	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	31-03
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670948.79; Northing=542323.64
9. SURFACE ELEVATION	4055.22 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	12/04/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	7	2	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i
			Silty SAND with gravel: angular, very pale brown (10YR8/3), damp, soft, non-plastic. (SM)	2.2	2		1.5	94-31-S0-03-01 94-31-S0-03B-21 10/24/94 0845
4053.2	2		Silty SAND: poorly graded, fine-grained, angular, very pale brown (10YR8/3) and light gray (10YR7/1), saturated, very soft, non-plastic, staining and odor 4.0 to 8.0 ft. Soil becomes saturated at 4.5 ft. (SM)	2	2.4		1.5	
4051.2	4			54	72		1.5	94-31-S0-03-02 94-31-S0-03-22 10/24/94 0905
4049.2	6			7	300		1	94-31-S0-03-03 10/24/94 0920
4047.2	8				0.8	easy	2	94-31-S0-03B-03 12/4/94 1005
4045.2	10		Total Depth = 10 ft					

TRPH RESULT (mg/kg)** 10 100 1000 10,000

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 31 | HOLE NO.: 31-03

DPT SOIL BORING LOG

HOLE NO.	31-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670946.24; Northing=542321.98
9. SURFACE ELEVATION	4055.18 ft MSL
10. DATE STARTED/COMPLETED	10/24/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: angular, very pale brown (10YR7/3), damp, soft, non-plastic. (SM)	1.8	5.5	moderate	1.5	94-31-S0-04-01 10/24/94 0950	
4053.2	2			1.8	2	easy	1		
4051.2	4		Silty SAND: angular, very pale brown (10YR8/3) and light gray (10YR7/1), saturated, very soft, non-plastic, staining and odor 5.0 to 7.0 ft. Soil becomes saturated at 4.0 ft. (SM)	54	54	easy	2	94-31-S0-04-02 10/24/94 1030	
4049.2	6			10	10	easy	1.2	94-31-S0-04-03 10/24/94 1045	
4047.2	8		Total Depth = 8 ft						
4045.2	10								

DPT SOIL BORING LOG

HOLE NO.	31-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670943.71; Northing=542318.72
9. SURFACE ELEVATION	4055.07 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4053.0	2		Silty SAND with gravel: poorly graded, fine-grained, angular, pink (5YR7/4), damp, soft, non-plastic, soil becomes saturated at 4.0 ft. (SM)	5.4	4.6	easy	0.5	94-31-S0-05-01 12/3/94 1521	
4051.0	4		Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR8/4), saturated, very soft, non-plastic. (SM)	4.5	4.2	easy	2	94-31-S0-05-02 12/3/94 1533	
4049.0	6		Total Depth = 6 ft						
4047.0	8								
4045.0	10								

DPT SOIL BORING LOG

HOLE NO.	31-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670952.00; Northing=542309.54
9. SURFACE ELEVATION	4055.11 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4053.2	2		Silty SAND with gravel: poorly graded, fine-grained, subangular, pink (5YR7/4) and pink (5YR8/3), damp to saturated, soft, non-plastic. (SM)	4.6	4.3	moderate	1.6	94-31-SO-06-01 12/3/94 1549	
4051.2	4		Silty SAND: poorly graded, fine-grained, subangular, pink (5YR8/3), damp to saturated, firm, non-plastic, soil saturated at 4.0 ft. (SM)	4.4	4	easy		94-31-SO-06-02 12/3/94 1605	
4049.2	6		Total Depth = 6 ft						
4047.2	8								
4045.2	10								

DPT SOIL BORING LOG

HOLE NO.	31-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670962.25; Northing=542322.49
9. SURFACE ELEVATION	4055.29 ft MSL
10. DATE STARTED/COMPLETED	12/03/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4053.2	2						NS		
4051.2	4		Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR8/3), saturated, very soft, non-plastic, soil becomes saturated at 4.0 ft. (SM)	4.6	4.3	moderate	2	94-31-S0-07-01 12/3/94 1615	
4049.2	6			4.2	4.4	easy	1.2	94-31-S0-07-02 12/3/94 1631	
4047.2	8		Total Depth = 8 ft						
4045.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 31 | HOLE NO.: 31-07

DPT SOIL BORING LOG

HOLE NO.	31-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 31, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=670958.92; Northing=542329.27
9. SURFACE ELEVATION	4055.36 ft MSL
10. DATE STARTED/COMPLETED	12/04/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Interval not sampled.				NS		
4053.4	2						NS		
4051.4	4		Silty SAND: poorly graded, fine-grained, subangular, very pale brown (10YR7/4), saturated, non-plastic, soil becomes saturated at 4.0 ft. (SM)	4.4	0.8	moderate	2	94-31-S0-08-01 12/4/94 0750	
4049.4	6			3	0	moderate	0.2	94-31-S0-08-02 12/4/94 0807	
4047.4	8		Total Depth = 8 ft						
4045.4	10								

DPT SOIL BORING LOG

HOLE NO.	34-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668806.2679; Northing=539811.8267
9. SURFACE ELEVATION	4042.93 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (7.5YR7/6) and pink (7.5YR8/4), damp to saturated, soft, non-plastic, soil becomes saturated at 4.0 ft. (SM)	1.2	5	easy	2	94-34-S0-01-01 10/31/94 0940	
4041.0	2			1.2	4.8	easy	0.4		
4039.0 ▼	4			4.5	4.4	easy	2		
4037.0	6			1.2	4.9	easy	2	94-34-S0-01-02 10/31/94 1000	
4035.0	8		Total Depth = 8 ft						
4033.0	10								

DPT SOIL BORING LOG

HOLE NO.	34-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668798.8757; Northing=539819.0064
9. SURFACE ELEVATION	4043.4 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.5 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, pink (7.5YR7/4), damp to saturated, soft, non-plastic, soil becomes saturated at 4.0 ft. (SM)	2.4	4.6	easy	2	94-34-SO-02-01 10/31/94 1020	
4041.4	2			2	4.1	easy	2		
4039.4	4			1.5	4.2	easy	2		
4037.4	6			1.2	4.5	easy	2	94-34-SO-02-02 10/31/94 1044	
4035.4	8		Total Depth = 8 ft						
4033.4	10								

DPT SOIL BORING LOG

HOLE NO.	34-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668787.8901; Northing=539817.9994
9. SURFACE ELEVATION	4043.14 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	12/06/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, brown (7.5YR5/4) and pink (7.5YR8/3), damp to saturated, soft, non-plastic, slight staining from 0.5 to 7.5 ft. Soil becomes saturated at 1.0 ft. (SM)	7.4	6.7	easy	1.3	94-34-SO-03-01 94-34-SO-03B-21 10/31/94 1410	
4041.2	2			7.2	8.2	easy	0.7	94-34-SO-03B-02 12/6/94 0835	
4039.2	4			5.8	4.4	moderate	2	94-34-SO-03-02 10/31/94 1435	
4037.2	6			1.4	4	moderate	1.5		
4035.2	8		Total Depth = 8 ft						
4033.2	10								

DPT SOIL BORING LOG

HOLE NO.	34-04
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668796.0496; Northing=539811.0321
9. SURFACE ELEVATION	4043.71 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	1.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR7/4), saturated, soft, non-plastic, soil becomes saturated at 1.5 ft. (SM)	6.2	5	soft	2	94-34-SO-04-01 10/31/94 1510	
4041.8	2			6.2	4	moderate	2		
4039.8	4			6	3.8	hard	2		
4037.8	6			5	3.9	hard	1	94-34-SO-04-02 10/31/94 1545	
4035.8	8		Total Depth = 8 ft						
4033.8	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 34 | HOLE NO.: 34-04

DPT SOIL BORING LOG

HOLE NO.	34-05
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668792.7344; Northing=539802.161
9. SURFACE ELEVATION	4044.1 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, pink (7.5YR7/4) and very pale brown (10YR8/3), damp, soft, non-plastic, soil becomes saturated at 2.0 ft. (SM)	5.9	5	moderate	2	94-34-S0-05-01 10/31/94 1613	
4042.2	2			5.8	4.7	moderate	2		
4040.2	4			4.4	4.2	hard	2		
4038.2	6			5.8	4.4	hard	2	94-34-S0-05-02 10/31/94 1635	
4036.2	8		Total Depth = 8 ft						
4034.2	10								

DPT SOIL BORING LOG

HOLE NO.	34-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668753.102; Northing=539821.378
9. SURFACE ELEVATION	4042.52 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	12/05/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	2.2 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	Yes		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, light brown (7.5YR6/3) and pink (7.5YR8/4), damp to saturated, firm, non-plastic, soil becomes saturated at 2.0 ft. (SM)	2.6	6	soft	1.7	94-34-SO-06-01 10/31/94 1120	
4040.6	2			6	3.4	moderate	2	94-34-SO-06-02 94-34-SO-06-22 10/31/94 1130	
4038.6	4			1.2	2.9	very hard	1.8		
4036.6	6			1.4	4	very hard	1.4	94-34-SO-06-03 10/31/94 1155	
4034.6	8		Total Depth = 8 ft						
4032.6	10								

DPT SOIL BORING LOG

HOLE NO.	34-07
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668785.3427; Northing=539806.5626
9. SURFACE ELEVATION	4043.97 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, strong brown (7.5YR5/6) and brown (7.5YR4/2), damp, non-plastic. (SM)	1	0.5		2	94-34-S0-07-01 12/5/94 1515	
4042.0	2			1			2		
4040.0	4		Total Depth = 4 ft						
4038.0	6								
4036.0	8								
4034.0	10								

0 2 4 6 8 10

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 34 | HOLE NO.: 34-07

DPT SOIL BORING LOG

HOLE NO.	34-08
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668789.8362; Northing=539826.7202
9. SURFACE ELEVATION	4042.92 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	4.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6) and very pale brown (10YR7/3), damp, soil becomes saturated at 4.0 ft. (SM)	1	0.5		2	94-34-SO-08-01 12/5/94 1600	
4041.0	2			1			2		
4039.0	4		Total Depth = 4 ft						
4037.0	6								
4035.0	8								
4033.0	10								

DPT SOIL BORING LOG

HOLE NO.	34-09
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668764.4992; Northing=539837.8099
9. SURFACE ELEVATION	4042.6 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, subrounded, brown (7.5YR4/2) and very pale brown (10YR7/3), damp. (SM)	1	0.5		2	94-34-SO-09-01 12/5/94 1640	
4040.6	2		Total Depth = 2 ft						
4038.6	4								
4036.6	6								
4034.6	8								
4032.6	10								

DPT SOIL BORING LOG

HOLE NO.	34-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668739.4094; Northing=539824.2618
9. SURFACE ELEVATION	4042.32 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with clay: poorly graded, fine-grained, brown (7.5YR5/4), wet, soft. (SM)		0			94-34-S0-10-01 12/5/94 1345	
4040.4	2				0			94-34-S0-10-02 12/5/94 1610	
4038.4	4		Total Depth = 4 ft						
4036.4	6								
4034.4	8								
4032.4	10								

DPT SOIL BORING LOG

HOLE NO.	34-11
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668768.7733; Northing=539805.7368
9. SURFACE ELEVATION	4044.19 ft MSL
10. DATE STARTED/COMPLETED	12/05/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, brown (7.5YR5/4), wet, soft. (SM)		0			94-34-SO-11-01 12/5/94 1625	
4042.2	2		Total Depth = 2 ft						
4040.2	4								
4038.2	6								
4036.2	8								
4034.2	10								

DPT SOIL BORING LOG

HOLE NO.	34-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 34, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668789.8373; Northing=539836.4595
9. SURFACE ELEVATION	
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, dark reddish gray (5YR4/2), saturated, soft, non-plastic, surface soil becomes saturated. (SM)	0	0	easy	2	94-34-SO-12-01 12/7/94 1600	
	2		Silty SAND: poorly graded, fine-grained, brown (7.5YR5/3), saturated, very soft, non-plastic. (SM)	0	0	easy	2	94-34-SO-12-02 12/7/94 1620	
	4		Total Depth = 4 ft						
	6								
	8								
	10								

DPT SOIL BORING LOG

HOLE NO.	35-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 35, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668827.7465; Northing=539773.1199
9. SURFACE ELEVATION	4044.84 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
	0		Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp to saturated. (SM)	1.5	1	easy	0.25	94-35-S0-01-01 10/31/94 0945	
4042.8	2			1	1	easy		94-35-S0-01-02 10/31/94 0950	
4040.8	4		Total Depth = 4 ft						
4038.8	6								
4036.8	8								
4034.8	10								

DPT SOIL BORING LOG

HOLE NO.	35-02
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 35, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668836.5672; Northing=539986.9051
9. SURFACE ELEVATION	4044.62 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp to saturated. (SM)	2.5	1	easy	1.75	94-35-S0-02-01 10/31/94 1005	
4042.6	2			3	1	easy	1	94-35-S0-02-02 10/31/94 1010	
4040.6	4		Total Depth = 4 ft						
4038.6	6								
4036.6	8								
4034.6	10								

DPT SOIL BORING LOG

HOLE NO.	35-03
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 35, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=668835.6419; Northing=539992.4736
9. SURFACE ELEVATION	4044.56 ft MSL
10. DATE STARTED/COMPLETED	10/31/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp to saturated. (SM)	4	1	easy	1.75	94-35-SO-03-01 94-35-SO-03-21 10/31/94 0930	
4042.6	2			3.5	1	easy	1.5	94-35-SO-03-02 10/31/94 0935	
4040.6	4		Total Depth = 4 ft						
4038.6	6								
4036.6	8								
4034.6	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 35 | HOLE NO.: 35-03

DPT SOIL BORING LOG

HOLE NO.	37-01
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676072.1485; Northing=549611.4797
9. SURFACE ELEVATION	4098.8607 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, reddish yellow (5YR7/6) and pink (5YR8/4), damp to saturated, soft, non-plastic, soil becomes saturated at 8.0 ft. (SM)	5	4.9	moderate	2	94-37-SO-01-01 10/25/94 0913	
4096.8	2			4.6	4.6	moderate	1.5		
4094.8	4			4.6	4.6	hard	1.5		
4092.8	6			4.6	4.6	hard	1.5		
4090.8	8			4.6	4.6	hard	2		
4088.8	10								

DPT SOIL BORING LOG

HOLE NO. 37-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy SILT: poorly graded, fine-grained, pink (7.5YR8/3) and reddish yellow (5YR7/6), saturated, firm, low plasticity. (ML)	5	5.4	hard	2	94-37-SO-01-02 10/25/94 1045	
4086.8	12		Total Depth = 12 ft						
4084.8	14								
4082.8	16								
4080.8	18								
4078.8	20								
4076.8	22								
4074.8	24								
4072.8	26								
4070.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-01

DPT SOIL BORING LOG

HOLE NO.	37-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1	OF 2 SHEETS
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676081.4588; Northing=549613.9508
9. SURFACE ELEVATION	4098.8555 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (7.5YR8/6) and pink (5YR8/4), damp to saturated, soft, non-plastic, soil becomes saturated at 8.0 ft. (SM)	1.4	3.2	moderate	1.3	94-37-SO-02-01 10/25/94 1103	
4096.8	2			2.4	2.5	moderate	1.5		
4094.8	4			4	2.4	moderate	1.5		
4092.8	6			4.2	3	moderate	1.7		
4090.8	8			4	5.6	hard	2		
4088.8	10								

DPT SOIL BORING LOG

HOLE NO. 37-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy SILT: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6) and very pale brown (10YR8/3), saturated, firm, non-plastic. (ML)	4	5.2	hard	2	94-37-SO-02-02 10/25/94 1215	
4086.8	12		Total Depth = 12 ft						
4084.8	14								
4082.8	16								
4080.8	18								
4078.8	20								
4076.8	22								
4074.8	24								
4072.8	26								
4070.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-02

DPT SOIL BORING LOG

HOLE NO.	37-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676079.8655; Northing=549623.3495
9. SURFACE ELEVATION	4098.8829 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6), damp, soft, non-plastic, soil becomes saturated at 8.0 ft. (SM)	1.6	3.2	moderate	1.5	94-37-S0-03-01 10/25/94 1358	
4096.8	2			4.2	2.4	moderate	1.5		
4094.8	4			1.6	2.5	moderate	1.3		
4092.8	6			1.8	2.5	moderate	1.4		
4090.8	8			1.6	5	hard	2		
4088.8	10								

DPT SOIL BORING LOG

HOLE NO. 37-03

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Sandy SILT: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6) and pink (7.5YR8/4), damp, very firm, low plasticity. (ML)	1.6	3.5	very hard	2	94-37-SO-03-02 10/25/94 1505	
4086.8	12		Total Depth = 12 ft						
4084.8	14								
4082.8	16								
4080.8	18								
4078.8	20								
4076.8	22								
4074.8	24								
4072.8	26								
4070.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-03

DPT SOIL BORING LOG

HOLE NO.	37-04
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676077.7475; Northing=549631.0979
9. SURFACE ELEVATION	4098.8863 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	12/07/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	12.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10 / 100 / 1000 / 10,000)
			Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6), damp to saturated, soft, non-plastic, soil becomes saturated at 8.0 ft. Refusal at 9.5 ft. (SM)	4	1.5	moderate	1.1	94-37-S0-04B-01 12/7/94 0805	
4096.8	2			3.2	1.5	moderate	1.5		
4094.8	4			3.2	1.5	hard	2		
4092.8	6				2.4	hard	1.2	94-37-S0-04B-02 94-37-S0-04B-22 12/7/94 0810	
4090.8	8				2.4		1.4	94-37-S0-04-02 10/25/94 1625	
4088.8	10								

DPT SOIL BORING LOG

HOLE NO. 37-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
4086.8	12		Total Depth = 12 ft						
4084.8	14								
4082.8	16								
4080.8	18								
4078.8	20								
4076.8	22								
4074.8	24								
4072.8	26								
4070.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-04

DPT SOIL BORING LOG

HOLE NO.	37-05
SHEET 1 OF 2 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676065.3767; Northing=549639.4272
9. SURFACE ELEVATION	4098.8366 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	12/07/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	11.50 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: poorly graded, fine-grained, reddish yellow (5YR7/6), damp, non-plastic, soil becomes saturated at 8.0 ft. (SM)	3.4	3.4	moderate	1	94-37-SO-05B-01 12/7/94 1030	
4096.8	2			3.3	3.4	moderate	1.6	94-37-SO-05B-02 12/7/94 1040	
4094.8	4			1.8	1.6	moderate	2		
4092.8	6			1.6	1.6	hard	1.1		
4090.8	8			1.6	1.6	hard	2		
4088.8	10		Sandy SILT: poorly graded, pink (7.5YR7/3) and reddish yellow (5YR7/6), saturated, firm, low plasticity. (ML)						

DPT SOIL BORING LOG

HOLE NO. 37-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Andrew C. Steffe

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
				1.5	3	hard	1.5	94-37-SO-05-02 94-37-SO-05-22 10/26/94 0940	
			Total Depth = 11.5 ft						
4086.8	12								
4084.8	14								
4082.8	16								
4080.8	18								
4078.8	20								
4076.8	22								
4074.8	24								
4072.8	26								
4070.8	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-05

DPT SOIL BORING LOG

HOLE NO.	37-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676087.4297; Northing=549632.8298
9. SURFACE ELEVATION	4098.9486 ft MSL
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4), damp. (SM)	1	1	easy	2	94-37-SO-06-01 12/7/94 0900	
4097.0	2						NS		
4095.0	4			4	25	easy	2	94-37-SO-06-02 12/7/94 0910	
4093.0	6		Total Depth = 6 ft						
4091.0	8								
4089.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-06

DPT SOIL BORING LOG

HOLE NO.	37-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676075.6099; Northing=549644.4875
9. SURFACE ELEVATION	4098.9844 ft MSL
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR7/4), damp. (SM)	0.5	0.5	easy	1.25	94-37-S0-07-01 12/7/94 0955	
4097.0	2			0.5	1	easy	1.75	94-37-S0-07-02 12/7/94 1005	
4095.0	4		Total Depth = 4 ft						
4093.0	6								
4091.0	8								
4089.0	10								

DPT SOIL BORING LOG

HOLE NO.	37-08
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676063.6632; Northing=549646.7891
9. SURFACE ELEVATION	4099.0026 ft MSL
10. DATE STARTED/COMPLETED	12/07/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, very pale brown (10YR8/3), damp. (SM)	0.5	1	easy	2	94-37-SO-08-01 12/7/94 1100	
4097.0	2		Total Depth = 2 ft						
4095.0	4								
4093.0	6								
4091.0	8								
4089.0	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 37 | HOLE NO.: 37-08

DPT SOIL BORING LOG

HOLE NO.	37-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 37, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676060.4086; Northing=549654.9229
9. SURFACE ELEVATION	4099.0203 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	2.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)	1	0.8	easy	2	94-37-S0-09-01 12/13/94 1505	
4097.0	2		Total Depth = 2 ft						
4095.0	4								
4093.0	6								
4091.0	8								
4089.0	10								

DPT SOIL BORING LOG

HOLE NO.	38-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676255.9947; Northing=549839.6557
9. SURFACE ELEVATION	4101.2341 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp, no recovery 4.0 to 6.0 ft. (SM)		1	easy	0.25	94-38-SO-01-01 10/25/94 1515	
4099.2	2				1	easy	0.25		
4097.2	4					easy			
4095.2	6				1	easy	2	94-38-SO-01-02 10/25/94 1535	
4093.2	8		Total Depth = 8 ft						
4091.2	10								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 38 | HOLE NO.: 38-01

DPT SOIL BORING LOG

HOLE NO.	38-02
SHEET	1 OF 1 SHEETS
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676253.7791; Northing=549843.2873
9. SURFACE ELEVATION	4100.9734 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	12/06/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)		1	easy		94-38-SO-02-01 94-38-SO-02B-21 10/25/94 1435	
4099.0	2				2	easy			
4097.0	4				1	easy			
4095.0	6				4	easy		94-38-SO-02-02 10/25/94 1455	
4093.0	8		Total Depth = 8 ft						
4091.0	10								

DPT SOIL BORING LOG

HOLE NO.	38-03
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676247.0129; Northing=549839.7165
9. SURFACE ELEVATION	4100.5443 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	12/06/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6) and very pale brown (10YR8/2), damp, no recovery 2.0 to 4.0 ft. (SM)		1	easy		94-38-SO-03-01 10/25/94 1545	
4098.6	2								2
						easy			
4096.6	4								4
					1	easy			
4094.6	6								6
					1	easy		94-38-SO-03-02 10/25/94 1600	
4092.6	8		Total Depth = 8 ft						8
				0.5	1.5	easy		94-38-SO-03B-03 12/6/94 1510	
4090.6	10								10

DPT SOIL BORING LOG

HOLE NO.	38-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676250.926; Northing=549832.8103
9. SURFACE ELEVATION	4101.1785 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp. (SM)		2	easy		94-38-S0-04-01 10/25/94 1605	
4099.2	2				1	easy			
4097.2	4				1	easy			
4095.2	6				1	moderate			
4093.2	8				1	mh		94-38-S0-04-02 10/25/94 1645	
4091.2	10		Total Depth = 10 ft						

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 38 | HOLE NO.: 38-04

DPT SOIL BORING LOG

HOLE NO.	38-05
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2"x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676238.0246; Northing=549829.1256
9. SURFACE ELEVATION	4099.6486 ft MSL
10. DATE STARTED/COMPLETED	10/26/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	22.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			No recovery. Gravel and cobble size drain rock fill. Material is larger diameter than the sampling apparatus.			hard			
4097.6	2								
4095.6	4								
4093.6	6		Interval not sampled due to limitation of sampling equipment and DPT method.						
4091.6	8								
4089.6	10								

DPT SOIL BORING LOG

HOLE NO. 38-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
4087.6	12								12
4085.6	14								14
4083.6	16								16
4081.6	18								18
4079.6	20		CLAY with silt: white (10YR8/1) and pink (5YR8/3), damp, very firm, low plasticity. (CL)					94-38-S0-05-01 94-38-S0-05-21 10/26/94 0900	20
4077.6	22		Total Depth = 22 ft						22
4075.6	24								24
4073.6	26								26
4071.6	28								28

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 38 | HOLE NO.: 38-05

DPT SOIL BORING LOG

HOLE NO.	38-06
SHEET 1 OF 2 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676235.4706; Northing=549834.6133
9. SURFACE ELEVATION	4099.9379 ft MSL
10. DATE STARTED/COMPLETED	10/25/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	22.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	1	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			No recovery. Gravel and cobble size drain rock fill. Material is larger diameter than the sampling apparatus.			easy			
4098.0	2					easy			
4096.0	4					easy			
4094.0	6		Silty SAND: fine-grained, reddish yellow (7.5YR6/6), dry. (SM)			easy			
4092.0	8		Interval not sampled due to limitation of sampling equipment and DPT method.			moderate			
4090.0	10								

DPT SOIL BORING LOG

HOLE NO. 38-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Jonothan Mattes

SHEET 2 OF 2 SHEETS

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
						moderate			
4088.0	12								
						moderate			
4086.0	14								
						moderate-hard			
4084.0	16								
						hard			
4082.0	18								
						hard			
4080.0	20		CLAY with silt: weak red (2.5YR6/4) and white (10YR8/1), damp to saturated, soft, low plasticity, gypsum crystals. (CL)			hard		94-38-S0-06-01 10/26/94 0945	
4078.0	22		Total Depth = 22 ft						
4076.0	24								
4074.0	26								
4072.0	28								

PROJECT: Table 3 RCRA Facility Investigation | LOCATION: SWMU 38 | HOLE NO.: 38-06

DPT SOIL BORING LOG

HOLE NO.	38-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676245.9552; Northing=549849.0518
9. SURFACE ELEVATION	4101.0689 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	Yes
DISTURBED	x
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty GRAVEL with sand: fine-grained, yellowish brown (10YR5/4), damp. (GM)	0.5	0.5	easy		94-38-S0-07-01 12/6/94 1540	
4099.0	2		Silty SAND: pink (5YR7/4). (SM) Interval not sampled.				NS		
4097.0	4						NS		
4095.0	6		Silty SAND: fine-grained, pink (5YR7/4), damp. (SM)	5	0.5	easy		94-38-S0-07-02 12/6/94 1550	
4093.0	8		Total Depth = 8 ft						
4091.0	10								

DPT SOIL BORING LOG

HOLE NO.	38-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676234.0654; Northing=549838.7787
9. SURFACE ELEVATION	4100.3963 ft MSL
10. DATE STARTED/COMPLETED	12/06/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, pink (5YR7/4), damp. (SM)	0.5	1	easy		94-38-SO-08-01 94-38-SO-08-21 12/6/94 1625	
4098.4	2						NS		
4096.4	4						NS		
4094.4	6			0.5	0.5	easy		94-38-SO-08-02 12/6/94 1640	
4092.4	8		Total Depth = 8 ft						
4090.4	10								

DPT SOIL BORING LOG

HOLE NO.	38-09
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676221.8525; Northing=549854.1011
9. SURFACE ELEVATION	4105.1188 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: fine-grained, reddish yellow (7.5YR7/6), damp. (SM)	0.5	1	easy		94-38-SO-09-01 12/13/94 1530	
4103.2	2			2.5	22	easy		94-38-SO-09-02 12/13/94 1535	
4101.2	4		Total Depth = 4 ft						
4099.2	6								
4097.2	8								
4095.2	10								

DPT SOIL BORING LOG

HOLE NO.	38-10
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 38, Holloman AFB, New Mexico
5. NAME OF DRILLER	Dave Starling
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=676222.7581; Northing=549834.1898
9. SURFACE ELEVATION	4100.3373 ft MSL
10. DATE STARTED/COMPLETED	12/13/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Jonothan Mattes

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND: fine-grained, reddish yellow (7.5YR6/6), damp. (SM)	0.8	0.6	easy		94-38-SO-10-01 12/13/94 1545	
4098.4	2			1.3	4.6	easy		94-38-SO-10-02 12/13/94 1550	
4096.4	4		Total Depth = 4 ft						
4094.4	6								
4092.4	8								
4090.4	10								

DPT SOIL BORING LOG

HOLE NO.	41-01
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688171.4202; Northing=548453.8516
9. SURFACE ELEVATION	4112.2687 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	1	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND with gravel: poorly graded, fine-grained, angular, pink (7.5YR7/4), damp, soft, non-plastic. (SM)	1	7.6	moderate		94-41-S0-01-01 11/1/94 0840	
4110.2	2			1	9.2	moderate			
4108.2	4		Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (7.5YR7/6), damp, very soft, non-plastic. (SM)	1	5.6	moderate			
4106.2	6			4.1	1.4	moderate		94-41-S0-01-02 11/1/94 0908	
4104.2	8		Total Depth = 8 ft						
4102.2	10								

DPT SOIL BORING LOG

HOLE NO.	41-02
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688174.4513; Northing=548457.3051
9. SURFACE ELEVATION	4112.3027 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No (DISTURBED / UNDISTURBED)
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** (10, 100, 1000, 10,000)
			Silty SAND: poorly graded, fine-grained, subangular, pink (5YR8/3), damp, soft, non-plastic. (SM)	0.4	3.7	moderate		94-41-SO-02-01 11/1/94 0955	
4110.4	2			1	3.7	moderate			
4108.4	4			4.4	4.2	moderate			
4106.4	6			1	3.9	moderate		94-41-SO-02-02 11/1/94 1025	
4104.4	8		Total Depth = 8 ft						
4102.4	10								

DPT SOIL BORING LOG

HOLE NO.	41-03
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688172.0928; Northing=548458.4363
9. SURFACE ELEVATION	4112.2478 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	12/12/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No; DISTURBED: ; UNDISTURBED:
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, pink (5YR7/4), damp, soft, non-plastic. (SM)	1	5	moderate		94-41-SO-03B-01 12/12/94 1015	
4110.2	2			1	3.9	moderate		94-41-SO-03B-02 12/12/94 1030	
4108.2	4		Silty SAND: poorly graded, fine-grained, subangular, reddish yellow (5YR7/6), damp, very soft, non-plastic. (SM)	1	3.8	moderate			
4106.2	6			1	4.2	moderate		94-41-SO-03-02 11/1/94 1135	
4104.2	8		Total Depth = 8 ft						
4102.2	10								

DPT SOIL BORING LOG

HOLE NO.	41-04
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688168.2061; Northing=548453.3699
9. SURFACE ELEVATION	4112.3518 ft MSL
10. DATE STARTED/COMPLETED	11/01/94
11. RESAMPLE DATE*	12/12/94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	10.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	4	1	1	1	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, pink (5YR8/4), damp, soft, non-plastic. (SM)	1.2	7.2	moderate	2	94-41-S0-04B-01 12/12/94 1055	
4110.4	2		Silty SAND: poorly graded, fine-grained, subangular, pink (5YR7/4), damp, soft, non-plastic. (SM)	1.2	6.2	moderate	1.2		
4108.4	4			1.2	6.4	moderate	1.5		
4106.4	6			1.2	7.2	moderate	1.5	94-41-S0-04-02 94-41-S0-04-22 11/1/94 1432	
4104.4	8							94-41-S0-04B-02 12/12/94 1110	
4102.4	10		Total Depth = 10 ft						

DPT SOIL BORING LOG

HOLE NO.	41-05
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688172.6943; Northing=548439.4606
9. SURFACE ELEVATION	4111.9844 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
No			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	3	2	2	2	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEAD-SPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, yellowish brown (10YR5/4), damp, soft, non-plastic. (SM)	0	0	moderate	2	94-41-S0-05-01 94-41-S0-05-21 12/12/94 1215	
			Silty SAND: poorly graded, fine-grained, very pale brown (10YR8/3), damp, soft, non-plastic. (SM)						
4110.0	2		Interval not sampled.				NS		
4108.0	4						NS		
4106.0	6		Silty SAND: poorly graded, fine-grained, pink (5YR8/4), damp, soft, non-plastic. (SM)	0	0	moderate		94-41-S0-05-02 12/12/94 1249	
4104.0	8		Total Depth = 8 ft						
4102.0	10								

DPT SOIL BORING LOG

HOLE NO.	41-06
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688171.9643; Northing=548473.5836
9. SURFACE ELEVATION	4112.5051 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	4.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18. GEOTECHNICAL SAMPLES	No
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, brown (7.5YR4/3), damp, very soft, non-plastic. (SM)	0	0	moderate	1.8	94-41-S0-06-01 12/12/94 1125	
4110.6	2		Silty SAND: poorly graded, fine-grained, pink (7.5YR8/4), damp, soft, non-plastic. (SM)	0	0		1	94-41-S0-06-02 12/12/94 1131	
4108.6	4		Total Depth = 4 ft						
4106.6	6								
4104.6	8								
4102.6	10								

DPT SOIL BORING LOG

HOLE NO.	41-07
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Target Environmental Services, Inc.
3. PROJECT	Table 3 RCRA Facility Investigation
4. LOCATION	SWMU 41, Holloman AFB, New Mexico
5. NAME OF DRILLER	Tim Rodifer
6. MANUFACTURERS DESIGNATION OF DRILL	Geoprobe (DPT)
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	"EW" drill rod; Control rod; 2'x1¼" Piston Sampler; 1¼" ID Acetate Liner
8. HOLE LOCATION	Easting=688153.1924; Northing=548456.9955
9. SURFACE ELEVATION	4112.2034 ft MSL
10. DATE STARTED/COMPLETED	12/12/94
11. RESAMPLE DATE*	NA
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NONE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	8.00 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
Yes	x		NA

20. SAMPLES FOR CHEMICAL ANALYSIS	E418.1M	E418.1	SW8260	SW8270	RCRA Metals	21. TOTAL CORE REC.
Yes	2	0	0	0	0	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Backfilled	Granular bentonite	No		Andrew C. Steffe

ELEVATION a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	CORE SCREEN (ppm) e	HEADSPACE (ppm) f	PENETRATION RATE g	RECOVERY (ft) h	ANALYTICAL SAMPLE NO. i	TRPH RESULT (mg/kg)** 10 100 1000 10,000
			Silty SAND with gravel: poorly graded, fine-grained, angular, brown (7.5YR5/3), damp, soft, non-plastic. (SM)	0	0	moderate	1.5	94-41-SO-07-01 12/12/94 1145	
4110.2	2		Silty SAND: poorly graded, fine-grained, very pale brown (10YR8/2), damp, firm, non-plastic. (SM)						
			Interval not sampled.				NS		
4108.2	4								
							NS		
4106.2	6		SAND with silt: poorly graded, fine-grained, pink (7.5YR8/4), damp, very soft, non-plastic. (SP)	0	0	moderate	1.7	94-41-SO-07-02 12/12/94 1200	
4104.2	8		Total Depth = 8 ft						
4102.2	10								

DRILLING LOG

HOLE NO.	BH-58-04
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543711.26; Northing=685446.10
9. SURFACE ELEVATION	4093.77 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270	4	SW8015ME		21. TOTAL CORE REC.
4	SW8015MP		Metals	4	EPA 418.1		SOP-426	4	SOP-427	4	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry, very loose, with scattered gravel and roots, (SM) (SDSL).	0	0	4 4 6	50	
4091.8	2			0		3 3 3	75	
4089.8	4		SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry, very loose, with scattered gravel and roots, and pieces of rusty metal debris, (SM) (SDSL).	0	0	3 1 2	30	
4087.8	6		SAND; Clayey, poorly graded, very fine-grained, reddish brown (5YR5/4), dry to moist, very dense, with gypsum mottling, (SC) (SDCL).					
			SAND; Silty, poorly graded, very fine-grained, pale yellow (2.5Y8/2), dry, very dense, cemented with gypsum mottling, breaks along bedding planes., (SM) (SDSL).	0		17 33 36	75	94-BH-58-04-01 94-BH-58-04-21 915 11/19/94
4085.8	8			0	0	46 86 102	75	

0 2 4 6 8 10

DRILLING LOG

HOLE NO. BH-58-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
	10		SAND; Clayey, poorly graded, very fine-grained, light gray (2.5Y7/2), dry to moist, very dense, cemented with gypsum mottling, (SC) (SDCL).	0		19 35 40	75	94-BH-58-04-02 940 11/19/94
4081.8	12		SAND; Clayey, poorly graded, very fine-grained, yellowish red (5YR5/6), dry, very dense, cemented with abundant gypsum mottling, (SC) (SDCL).	0	0	18 25 27	75	
4079.8	14		SAND; Clayey, poorly graded, very fine-grained, yellowish red (5YR5/6), dry, very dense, cemented with sparse gypsum mottling, (SC) (SDCL).	0		9 25 27	80	
4077.8	16		SAND; Poorly Graded, very fine-grained, reddish yellow (7.5YR6/6), moist, dense, with sparse gypsum mottling, (SP) (SDVF).	0	0	19 22 23	95	
4075.8	18		SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), moist, dense, with sparse gypsum mottling, (SP) (SDVF).	0		7 11 13	80	
4073.8	20		SAND; Poorly Graded, very fine-grained, very pale brown (10YR7/4), moist, very dense, breaks along bedding planes, (SP) (SDVF).	0	0	30 31 62		
4071.8	22		SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), moist, very dense, breaks along bedding planes; cemented, (SP) (SDVF).	0		22 22 26	75	
4069.8	24			0	0	38 51 62	75	
4067.8	26							94-BH-58-04-03 1210 11/19/94
4065.8	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-04

DRILLING LOG

HOLE NO. BH-58-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0	0	87 110 165	75	94-BH-58-04-03 1210 11/19/94
			Total Depth = 29 ft.					
4063.8	30							
4061.8	32							
4059.8	34							
4057.8	36							
4055.8	38							
4053.8	40							
4051.8	42							
4049.8	44							
4047.8	46							

28 30 32 34 36 38 40 42 44 46

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-04

DRILLING LOG

HOLE NO.	BH-58-05
SHEET 1 OF 3 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543720.31; Northing=685499.59
9. SURFACE ELEVATION	4095.04 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
4	SW8020		SW8080		SW8240		SW8270	4	SW8015ME		NA
	SW8015MP		Metals	4	EPA 418.1		SOP-428	4	SOP-427	4	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, with gravel, poorly graded, very fine-grained, very pale brown (10YR7/3), dry, very loose, with roots and assorted debris (metal, glass, etc.); strong medicine-like odor 5-7 ft, (SM) (SDSL).					
4093.0	2			0	0	1 1 1	25	94-BH-58-05-01 94-BH-58-05-21 1450 11/18/94
4091.0	4			0		3 5 10	75	
4089.0	6			51	207	9 11 16	75	94-BH-58-05-02 1505 11/18/94
			SAND; Clayey, poorly graded, very fine-grained, yellowish red (5YR5/6), dry, medium density, with gypsum mottling, (SC) (SDCL).					
4087.0	8			34	204	11 23 32	75	
				83	222	12 40 46	75	

0 2 4 6 8 10

DRILLING LOG

HOLE NO. BH-58-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, poorly graded, very fine-grained, light gray (2.5Y7/2), moist, very dense, with sparse gypsum mottling; medicine-like odor 10-12 ft, (SM) (SDSL).	83	222	12 40 46	75	
4083.0	12			23	207	31 53 51	75	
4081.0	14		SAND; Clayey, poorly graded, very fine-grained, light brown (7.5YR6/4), dry to moist, very dense, with gypsum mottling, (SC) (SDCL).	236	282	13 32 38	50	
4079.0	16			164	236	20 38 42	75	
			SAND; Clayey, poorly graded, very fine-grained, light gray (2.5Y7/2), dry to moist, very dense, with gypsum mottling, (SC) (SDCL).					
4077.0	18		SAND; Clayey, poorly graded, very fine-grained, reddish brown (5YR5/4), moist, dense, with sparse gypsum mottling, (SC) (SDCL).	10	17	9 15 18	75	
4075.0	20			5	5	9 22 31	75	
			SAND; Clayey, poorly graded, very fine-grained, reddish brown (5YR5/4), moist, dense, with sparse gypsum mottling, (SC) (SDCL).					
4073.0	22			0	0	8 15 18	75	
4071.0	24			0	0	10 13 22	50	
			SAND; Clayey, poorly graded, very fine-grained, reddish brown (5YR5/4), moist, dense, (SC) (SDCL).					
4069.0	26			0		14 18 20		
4067.0	28			0	0	7 7 9	75	94-BH-58-05-03 1720 11/18/94

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-05

DRILLING LOG

HOLE NO. BH-58-05

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/3), moist, medium density, (SP) (SDVF).	0	0	7 7 9	75	94-BH-58-05-03 1720 11/18/94
			Total Depth = 29 ft.					
4065.0	30							
4063.0	32							
4061.0	34							
4059.0	36							
4057.0	38							
4055.0	40							
4053.0	42							
4051.0	44							
4049.0	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-05

DRILLING LOG

HOLE NO.	BH-58-06
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543827.85; Northing=685507.80
9. SURFACE ELEVATION	4096.13 ft. MSL
10. DATE STARTED	11-17-94
11. DATE COMPLETED	11-17-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	30 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME		NA
	SW8015MP		Metals	3	EPA 418.1		SOP-426	3	SOP-427	3	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, very pale brown (10YR7/3), moist, loose, non-plastic, fill material, (SM) (SDFN).	0		3 3 3	100	94-BH-58-06-01 955 11/17/94
4094.2	2			0	0	2 3 13	100	
4092.2	4		SAND; Silty, white (10YR8/1), moist, dense, non-plastic, (SM) (SDFN).	0	0	11 13 19	100	94-BH-58-06-02 1006 11/17/94
4090.2	6			0	0	27 23 30	100	
4088.2	8			0	0	36 50+	100	
			SAND; Silty, very pale brown (10YR7/3), moist, very dense, non-plastic, (SM) (SDFN).					

0 2 4 6 8 10

DRILLING LOG

HOLE NO. BH-58-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Tim Byers

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0		38 48 50+	100	
4084.2	12			0		27 45 50+	100	
4082.2	14		SAND; Clayey, fine-grained, yellowish red (5YR4/6), moist, dense, low plasticity, mottled with fine grained gypsum, (SC) (SDCL).	0		45 40 42	100	
4080.2	16			0	0	28 40 44	100	
4078.2	18		SAND; Clayey, fine-grained, yellowish red (5YR4/6), moist, dense, low plasticity, thin layers of fine grained gypsum 10YR7/3 very pale brown 1-2 in. thick., (SC) (SDCL).	0		27 38 0	100	
4076.2	20			0		40 43 48	100	
4074.2	22			0		45 45 0	100	
4072.2	24			0		0 40 48	100	
4070.2	26		SAND; Silty, fine-grained, white (10YR8/1), moist, very dense, non-plastic, gypsum; (SM) (SDFN).	0		40 45 50+	100	
4068.2	28							

DRILLING LOG

HOLE NO. BH-58-06

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Tim Byers

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			water at 29 ft.	0		48 50+		94-BH-58-06-03 1218 11/17/94
4066.2	30		Total Depth = 30 ft.					
4064.2	32							
4062.2	34							
4060.2	36							
4058.2	38							
4056.2	40							
4054.2	42							
4052.2	44							
4050.2	46							

28 30 32 34 36 38 40 42 44 46

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-06

DRILLING LOG

HOLE NO.	BH-58-07
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543770.54; Northing=685554.40
9. SURFACE ELEVATION	4095.23 ft. MSL
10. DATE STARTED	11-17-94
11. DATE COMPLETED	11-17-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	30 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
4	SW8020		SW8080		SW8240		SW8270	4	SW8015ME		NA
	SW8015MP		Metals	4	EPA 418.1		SOP-426	4	SOP-427	4	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, loose, non-plastic, fill material; encountered metal object at 3.5 ft, (SM) (SDFN).	0	0	2 3 3	100	94-BH-58-07-01 1430 11/17/94
4093.2	2			0	0	4 5 6	100	
4091.2	4		SAND; Silty, fine-grained, reddish yellow (7.5YR6/6), dry, loose, non-plastic, with traces of fine grained gypsum, (SM) (SDFN).	0	0	15 22 32	100	94-BH-58-07-02 94-BH-58-07-22 1450 11/17/94
4089.2	6			0		31 40 41	100	
4087.2	8		SAND; Silty, fine-grained, light gray (10YR7/1), dry, loose, non-plastic, (SM) (SDFN).	0		30 42 50+	100	

0 2 4 6 8 10

DRILLING LOG

HOLE NO. BH-58-07

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Tim Byers

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0	0	33 48 50+	100	
4083.2	12			0		34 32 40	100	
4081.2	14			0	0	20 20 28	100	
4079.2	16			0		40 39 42	100	
4077.2	18		SAND; Silty, fine-grained, yellowish red (5YR5/6), dry, loose, non-plastic, (SM) (SDFN).	0		32 40 50+	100	
4075.2	20		SAND; Silty, fine-grained, white (10YR8/1), dry, loose, non-plastic, gypsum, (SM) (SDFN).	0		29 29 31	100	
4073.2	22			0		38 42 50+	100	
4071.2	24			0		33 48 50+	100	
4069.2	26			0		38 43 48	100	
4067.2	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-07

DRILLING LOG

HOLE NO. BH-58-07

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Tim Byers

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			water at 29 ft.	0	0	48 50+	80	94-BH-58-07-03 1730 11/17/94
4065.2	30		Total Depth = 30 ft.					
4063.2	32							
4061.2	34							
4059.2	36							
4057.2	38							
4055.2	40							
4053.2	42							
4051.2	44							
4049.2	46							

28 30 32 34 36 38 40 42 44 46

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-07

DRILLING LOG

HOLE NO.	BH-58-08
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 3 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543712.38; Northing=685592.71
9. SURFACE ELEVATION	4094.79 ft. MSL
10. DATE STARTED	11-17-94
11. DATE COMPLETED	11-17-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29.8 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	30 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME		NA
	SW8015MP		Metals	3.0	EPA 418.1		SOP-426	3	SOP-427	3	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, poorly graded, very fine-grained, pinkish gray (7.5YR7/2), dry, loose, (SM) (SDSL).	0	0	3 4 4	75	94-BH-58-08-01 1255 11/17/94
4092.8	2			0	0	4 8 8	25	
			SAND; Silty, poorly graded, very fine-grained, reddish yellow (7.5YR6/6), dry to moist, loose, (SM) (SDSL).					
4090.8	4			0		8 12 13	75	94-BH-58-08-02 1310 11/17/94
4088.8	6			0	0	32 62 62	50	
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR8/2), dry, very dense, cemented, breaks along bedding planes, (SM) (SDSL).					
4086.8	8		SAND; Silty, poorly graded, very fine-grained, pale yellow (2.5Y8/2), dry, very dense, cemented, breaks along bedding planes, (SM) (SDSL).	0		22 61	75	

DRILLING LOG

HOLE NO. BH-58-08

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0	0	43 78 80	60	
4082.8	12							
			SAND; Poorly Graded, very fine-grained, pale brown (10YR6/3), dry to moist, very dense, with gypsum mottling, (SP) (SDVF).	0		17 22 25	75	
4080.8	14		SAND; Poorly Graded, very fine-grained, very pale brown (10YR7/3), dry to moist, very dense, with more abundant gypsum mottling, (SP) (SDVF).	0	0	8 12 10	75	
4078.8	16							
			SAND; Clayey, very fine-grained, dusky red (2.5YR4/4), dry to moist, medium density, with gypsum crystals and sparse gypsum mottling, (SC) (SDCL).	0		7 11 13	75	
4076.8	18			0	0	8 12 15	50	
4074.8	20							
			SAND; Clayey, very fine-grained, dusky red (2.5YR4/4), dry to moist, medium density, with abundant gypsum mottling, (SC) (SDCL).	0		5 8 9	80	
4072.8	22							
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), moist, very dense, (SP) (SDVF).	0	0	10 30 40	50	
4070.8	24			0		5 9 13	75	
4068.8	26							
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2) and reddish yellow (5YR6/6), moist, very dense, mottled colors, (SP) (SDVF).	0	0	6 9 15	75	
4066.8	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-08

DRILLING LOG

HOLE NO. BH-58-08

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), moist to wet, dense, with ferrous staining; (SP) (SDVF).					
			water at 29.8 ft.	0	0	28 35 42	75	94-BH-58-08-03 1515 11/17/94
4064.8	30		Total Depth = 30 ft.					
4062.8	32							
4060.8	34							
4058.8	36							
4056.8	38							
4054.8	40							
4052.8	42							
4050.8	44							
4048.8	46							

DRILLING LOG

HOLE NO.	BH-58-09
SHEET 1	OF 3 SHEETS

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543683.38; Northing=685622.01
9. SURFACE ELEVATION	4094.97 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS												21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME			NA
	SW8015MP		Metals	3.0	DEPA 418.1		SOP-426	4	SOP-427	3		

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, with trace gravel, poorly graded, very fine-grained, very pale brown (10YR7/4), dry, very loose, with roots, (SM) (SDSL).	0	0	2 1 1	25	94-BH-58-09-01 800 11/18/94
4093.0	2			0	0	1 2 11	80	
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry to moist, dense, mottled with clayey sand (5YR6/6, reddish yellow) with gypsum mottling, (SM) (SDSL).					
4091.0	4			0	0	13 25 38	75	94-BH-58-09-02 810 11/18/94
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry to moist, very dense, with gypsum crystals, cemented, breaks along bedding planes., (SM) (SDSL).					
4089.0	6			0		19 52 61	75	
4087.0	8			0	0	45 72 83		
			SAND; Silty, poorly graded, very fine-grained, pinkish white (7.5YR8/2), dry, very dense, cemented, breaks along bedding planes., (SM) (SDSL).					

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-09
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET	1 OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543683.38; Northing=685622.01
9. SURFACE ELEVATION	4094.97 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME		NA
	SW8015MP		Metals	3.0	EPA 418.1		SOP-426	4	SOP-427	3	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, with trace gravel, poorly graded, very fine-grained, very pale brown (10YR7/4), dry, very loose, with roots, (SM) (SDSL).	0	0	2 1 1	25	94-BH-58-09-01 800 11/18/94
4093.0	2			0	0	1 2 11	80	
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry to moist, dense, mottled with clayey sand (5YR6/6, reddish yellow) with gypsum mottling, (SM) (SDSL).					
4091.0	4			0	0	13 25 38	75	94-BH-58-09-02 810 11/18/94
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR7/4), dry to moist, very dense, with gypsum crystals, cemented, breaks along bedding planes., (SM) (SDSL).					
4089.0	6			0		19 52 61	75	
4087.0	8			0	0	45 72 83		
			SAND; Silty, poorly graded, very fine-grained, pinkish white (7.5YR8/2), dry, very dense, cemented, breaks along bedding planes., (SM) (SDSL).					

DRILLING LOG

HOLE NO. BH-58-09

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Clayey, poorly graded, very fine-grained, light gray (2.5Y7/1), dry to moist, very dense, with abundant gypsum mottling, cemented, breaks along bedding planes., (SC) (SDCL).	0		22 70 79	80	
4083.0	12							
			SAND; Clayey, poorly graded, very fine-grained, pink (5YR7/4), dry to moist, very dense, with abundant gypsum mottling, cemented, breaks along bedding planes., (SC) (SDCL).	0	0	32 60 64	50	
4081.0	14							
			SAND; Poorly Graded, very fine-grained, reddish brown (5YR5/4), dry to moist, very hard, slightly plastic, with abundant gypsum mottling, (SP) (SDVF).	0		9 13 17	80	
4079.0	16							
				0	0	16 38 43	75	
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), dry to moist, very dense, (SP) (SDVF).					
4077.0	18							
				0		20 46 50	80	
4075.0	20							
			SAND; Clayey, poorly graded, very fine-grained, reddish brown (5YR5/4), dry to moist, very dense, with gypsum crystals and abundant gypsum mottling, (SC) (SDCL).	0	0	38 112 141	75	
4073.0	22							
			Sand; Clayey, poorly graded,very fine, (7.5YR5/4), brown, moist, stiff, with gravel sized gypsum pockets, medium plastic, (CL) (SDCL)	0		5 7 6	75	
4071.0	24							
				0	0	8 14 17	75	
4069.0	26							
				0	0			94-BH-58-09-03 1220 11/18/94
4067.0	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-09

DRILLING LOG

HOLE NO. BH-58-09

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Poorly Graded, very fine-grained, reddish brown (5YR5/4), moist, medium density to dense, mottled with sand (poorly graded, very fine, 2.5Y8/4, pale yellow), (SP) (SDVF).	0	0	7 11 16		94-BH-58-09-03 1220 11/18/94
			Total Depth = 29 ft.					
4065.0	30							
4063.0	32							
4061.0	34							
4059.0	36							
4057.0	38							
4055.0	40							
4053.0	42							
4051.0	44							
4049.0	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-09

DRILLING LOG

HOLE NO.	BH-58-10
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543718.98; Northing=685754.86
9. SURFACE ELEVATION	4095.62 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME		NA
	SW8015MP		Metals	3.0	EPA 418.1		SOP-426	5	SOP-427	3	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, very pale brown (10YR7/3), dry, medium density to dense, non-plastic, (SM) (SDFN).					
4093.6	2			0	0	18 10 18	100	94-BH-58-10-01 800 11/18/94
4091.6	4			0	0	5 4 10	100	
4089.6	6			0	0	6 5 10	100	94-BH-58-10-02 812 11/18/94
4087.6	8			0		40 48 50+		
				0		22 30		

0 2 4 6 8 10

DRILLING LOG

1. COMPANY NAME	2. INSPECTOR	HOLE NO.
Radian Corporation	Tim Byers	BH-58-10
		SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0		38 46	100	
4083.6	12			0	0	26 29 32	100	
4081.6	14			0		16 18 20	100	
4079.6	16		SAND; Silty, fine-grained, light gray (2.5Y7/1), moist, medium density to dense, non-plastic, gypsum, (SM) (SDFN).	0		9 26 30	100	
4077.6	18			0	0	13 22 28	100	
4075.6	20			0		20 28 31	100	
4073.6	22		SAND; Clayey, brown (10YR5/3), moist, medium density to dense, low plasticity, traces of fine grained gypsum, (SC) (SDCL).	0		18 23 30	100	
4071.6	24			0		18 23 30	100	
4069.6	26		SAND; Silty, fine-grained, light gray (2.5Y7/1), moist, medium density to dense, non-plastic, gypsum; (SM) (SDFN).	0		32 30 34	100	
4067.6	28			0	0	28 22 0	100	94-BH-58-10-03 949 11/18/94

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-10

DRILLING LOG

HOLE NO. BH-58-10

1. COMPANY NAME: Radian Corporation
2. INSPECTOR: Tim Byers
SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			water at 29 ft.			30 50+		94-BH-58-10-03 949 11/18/94
			Total Depth = 29 ft.					
4065.6	30							
4063.6	32							
4061.6	34							
4059.6	36							
4057.6	38							
4055.6	40							
4053.6	42							
4051.6	44							
4049.6	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-10

DRILLING LOG

HOLE NO.	BH-58-11
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 3 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543760.86; Northing=685713.37
9. SURFACE ELEVATION	4095.02 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	29 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	29 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS										21. TOTAL CORE REC.
3	SW8020		SW8080		SW8240		SW8270	3	SW8015ME		NA
	SW8015MP		Metals	3.0	EPA 418.1		SOP-426	3	SOP-427	3	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, with trace gravel, poorly graded, very fine-grained, light brown (7.5YR6/4), dry, medium density, with roots and pieces of rusty metal, (SM) (SDSL).					
4093.0	2			0	0	2 3 3	90	94-BH-58-11-01 1440 11/19/94
4091.0	4			0		6 7 9	75	
			SAND; Silty, poorly graded, very fine-grained, very pale brown (10YR8/2), dry, very dense, cemented; breaks into flat pieces., (SM) (SDSL).					
4089.0	6			0	0	7 16 18	80	94-BH-58-11-02 1500 11/19/94
4087.0	8			0		66 75 80	75	
			SAND; Clayey, poorly graded, very fine-grained, yellowish red (5YR5/6), dry, very dense, with abundant gypsum mottling, (SC) (SDCL).	0	0			

0 2 4 6 8 10

DRILLING LOG

HOLE NO. BH-58-11

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0		12 40 46	80	
4083.0	12			0	0	22 25 27	75	
			CLAY; Lean, very fine-grained, reddish yellow (7.5YR6/6), dry to moist, hard, slightly plastic, with gypsum crystals and gypsum mottling, (CL) (SDCL).	0		4 12 12	75	
4081.0	14							
			CLAY; Lean, very fine-grained, pale yellow (2.5Y7/3), dry to moist, hard, slightly plastic, with gypsum crystals and gypsum mottling, (CL) (SDCL).	0		26 63 10	80	
4079.0	16							
			CLAY; Lean, very fine-grained, pale yellow (2.5Y7/3), dry to moist, very hard, slightly plastic, gypsum mottling more abundant, no gypsum crystals, (CL) (SDCL).	0	0	7 15 18	75	
4077.0	18							
4075.0	20		CLAY; Lean, very fine-grained, light yellowish brown (2.5Y6/3), dry to moist, very hard, slightly plastic, gypsum mottling more abundant, no gypsum crystals, (CL) (SDCL).	0		21 36 48	75	
4073.0	22		SAND; Poorly Graded, very fine-grained, strong brown (7.5YR5/6), moist, very hard, slightly plastic, with sparse gypsum mottling, (SP) (SDCL).	0		22 40 48	75	
4071.0	24			0		11 17 22	75	
			SAND; Poorly Graded, very fine-grained, pale yellow (2.5Y8/2), dry to moist, very dense, (SP) (SDVF).	0		79 90 11	75	
4069.0	26							
				0	0	39 53 57	75	94-BH-58-11-03 1640 11/19/94
4067.0	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-11

DRILLING LOG

HOLE NO. BH-58-11

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
				0	0	39 53 57	75	94-BH-58-11-03 1640 11/19/94
			Total Depth = 29 ft.					
4065.0	30							
4063.0	32							
4061.0	34							
4059.0	36							
4057.0	38							
4055.0	40							
4053.0	42							
4051.0	44							
4049.0	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-11

DRILLING LOG

HOLE NO.	BH-58-12
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543951.15; Northing=685600.01
9. SURFACE ELEVATION	4095.64 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals		EPA 418.1		SOP-426	1	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	12 23 28	100	94-BH-58-12-01 1216 11/18/94
4093.6	2							
			SAND; Silty, fine-grained, very pale brown (10YR8/2), dry, medium density, non-plastic, (SM) (SDFN).	0		12 18 21	100	
4091.6	4			0	0	22 24 28		94-BH-58-12-02 1232 11/18/94
4089.6	6		Total Depth = 6 ft.					
4087.6	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-13
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544053.50; Northing=685620.45
9. SURFACE ELEVATION	4095.92 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NR
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
1	SW8020		SW8080		SW8240		SW8270		SW8015ME		NA
	SW8015MP		Metals		EPA 418.1		SOP-426	1	SOP-427	1	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0		10 11 13	80	94-BH-58-13-01 855 11/19/94
4094.0	2		SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).	0		12 12 15	100	
4092.0	4			0		18 15 20	100	
4090.0	6		Total Depth = 6 ft.					
4088.0	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI | HOLE NO.: BH-58-13

DRILLING LOG

HOLE NO.	BH-58-14
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 1 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543910.02; Northing=685542.43
9. SURFACE ELEVATION	4095.45 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals	1	EPA 418.1		SOP-426	2	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	13 30 30	100	94-BH-58-14-01 1429 11/18/94
4093.4	2			0		12 21 23		
			SAND; Silty, fine-grained, very pale brown (10YR8/2), dry, medium density, non-plastic, (SM) (SDFN).					
4091.4	4			0		13 21 28		94-BH-58-14-02 1440 11/18/94
4089.4	6		Total Depth = 6 ft.					
4087.4	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-15
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544011.68; Northing=685563.16
9. SURFACE ELEVATION	4095.55 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals	1	EPA 418.1		SOP-426	2	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
	0		SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	9 18 21	60	94-BH-58-15-01 925 11/19/94
4093.6	2			0		10 12 13	100	
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).					
4091.6	4			0	0	9 9 12	100	94-BH-58-15-02 939 11/19/94
4089.6	6		Total Depth = 6 ft.					
4087.6	8							
	10							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-15

DRILLING LOG

HOLE NO.	BH-58-16
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543871.07; Northing=685486.70
9. SURFACE ELEVATION	4095.28 ft. MSL
10. DATE STARTED	11-17-94
11. DATE COMPLETED	11-17-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020	SW8080	SW8240	SW8270	SW8015ME	21. TOTAL CORE REC.
1	SW8015MP	Metals	EPA 418.1	SOP-426 (1)	SOP-427 (1)	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, poorly graded, very fine-grained, pink (7.5YR8/3), dry, dense, (SM) (SDVF).	0		24 40	70	94-BH-58-16-01 1620 11/17/94
4093.2	2		SAND; Silty, poorly graded, very fine-grained, pink (7.5YR8/3), dry, very dense, cemented, (SM) (SDVF).	0		35 43 20	80	
4091.2	4			0		7 10 15	90	
4089.2	6		Total Depth = 6 ft.					
4087.2	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-16

DRILLING LOG

HOLE NO.	BH-58-17
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543971.41; Northing=685503.18
9. SURFACE ELEVATION	4095.50 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020	SW8080	SW8240	SW8270	SW8015ME	21. TOTAL CORE REC.
2	SW8015MP	Metals	EPA 418.1	SOP-426 2	SOP-427 2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SCFN).	0	0	12 14 18	100	94-BH-58-17-01 1250 11/18/94
4093.4	2			0		10 13 18	100	
			SAND; Silty, fine-grained, very pale brown (10YR8/2), dry, medium density, non-plastic, (SM) (SCFN).					
4091.4	4			0		12 22 30	100	94-BH-58-17-02 1304 11/18/94
4089.4	6		Total Depth = 6 ft.					
4087.4	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-18
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544068.85; Northing=685521.37
9. SURFACE ELEVATION	4095.81 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals		EPA 418.1		SOP-426	2	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	10 11 15	60	94-BH-58-18-01 825 11/19/94
4093.8	2		SAND; Clayey, fine-grained, reddish brown (5YR5/4), moist, medium density to dense, low plasticity, (SC) (SDCL).	0		12 18 22	100	
4091.8	4			0	0	18 37 42	100	94-BH-58-18-02 838 11/19/94
4089.8	6		Total Depth = 6 ft.					
4087.8	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI HOLE NO.: BH-58-18

DRILLING LOG

HOLE NO.	BH-58-19
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543931.93; Northing=685446.74
9. SURFACE ELEVATION	4095.23 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
3	SW8015MP		Metals	1	EPA 418.1		SOP-426	3	SOP-427	3	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	12 15 18	80	94-BH-58-19-01 1440 11/19/94
4093.2	2			0		14 16 23	100	
4091.2	4			0	0	19 25 36	100	94-BH-58-19-02 94-BH-58-19-22 1502 11/19/94
4089.2	6		Total Depth = 6 ft.					
4087.2	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI | HOLE NO.: BH-58-19

DRILLING LOG

HOLE NO.	BH-58-20
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544060.28; Northing=685452.52
9. SURFACE ELEVATION	4095.44 ft. MSL
10. DATE STARTED	11-20-94
11. DATE COMPLETED	11-20-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
3	SW8015MP		Metals	2	EPA 418.1		SOP-426	3	SOP-427	3	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Clayey, fine-grained, moist, medium density, low plasticity, stained purple, (SC) (SDCL).					
			SAND; Clayey, fine-grained, yellowish red (5YR5/6), moist, medium density, low plasticity, (SC) (SDCL).	0	0	14 27 30	100	94-BH-58-20-01 94-BH-58-20-21 855 11/20/94
4093.4	2			0	0	18 17 19	100	
4091.4	4			0	0	19 17 30	100	94-BH-58-20-02 925 11/20/94
4089.4	6		Total Depth = 6 ft.					
4087.4	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-21
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 1 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544144.13; Northing=685472.41
9. SURFACE ELEVATION	4095.97 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
1	SW8015MP		Metals	1	EPA 418.1		SOP-426	1	SOP-427	1	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	11 22 32	80	94-BH-58-21-01 1640 11/19/94
4094.0	2							
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).	0		10 18 22	100	
4092.0	4							
				0		13 24 28	100	
4090.0	6		Total Depth = 6 ft.					
4088.0	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-22
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2" x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543989.05; Northing=685405.50
9. SURFACE ELEVATION	4094.97 ft. MSL
10. DATE STARTED	11-18-94
11. DATE COMPLETED	11-18-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020	SW8080	SW8240	SW8270	SW8015ME	21. TOTAL CORE REC.
2	SW8015MP	Metals	EPA 418.1	SOP-426 (2)	SOP-427 (2)	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	12 22 24		94-BH-58-22-01 1330 11/18/94
4093.0	2		SAND; Silty, fine-grained, very pale brown (10YR8/2), dry, medium density, non-plastic, (SM) (SDFN).	0		29 42 50+		
4091.0	4			0	0	15 15 15		94-BH-58-22-02 1350 11/18/94
4089.0	6		Total Depth = 6 ft.					
4087.0	8							

0 2 4 6 8 10

DRILLING LOG

HOLE NO.	BH-58-23
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544088.09; Northing=685424.13
9. SURFACE ELEVATION	4095.36 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals		EPA 418.1		SOP-426	2	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, loose, non-plastic, (SM) (SDFN).	0	0	6 8 10	60	94-BH-58-23-01 751 11/19/94
4093.4	2			0		13 14 12	100	
4091.4	4		SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, dense, non-plastic, (SM) (SDFN).	0		26 40 50+	100	94-BH-58-23-02 810 11/19/94
4089.4	6		Total Depth = 6 ft.					
4087.4	8							

DRILLING LOG

HOLE NO.	BH-58-24
SHEET 1 OF 1 SHEETS	

1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543946.94; Northing=685348.36
9. SURFACE ELEVATION	4094.86 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS											21. TOTAL CORE REC.
2	SW8020		SW8080		SW8240		SW8270		SW8015ME		NA
	SW8015MP		Metals	1	EPA 418.1		SOP-426	2	SOP-427	2	

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), moist, dense, non-plastic, (SM) (SDFN).	0	0	13 45 33	100	94-BH-58-24-01 1520 11/19/94
4092.8	2		SAND; Silty, fine-grained, very pale brown (10YR7/3), moist, dense, non-plastic, interbedded with 10YR8/3 very pale brown fine grained gypsum, (SM) (SDFN).	0		8 10 15		
4090.8	4			0		5 16 19		94-BH-58-24-02 1526 11/19/94
4088.8	6		Total Depth = 6 ft.					
4086.8	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI | HOLE NO.: BH-58-24

DRILLING LOG

HOLE NO.	BH-58-25
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544047.47; Northing=685366.34
9. SURFACE ELEVATION	4095.24 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	NE
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14. TOTAL DEPTH OF HOLE	6 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
2	SW8015MP		Metals	1	EPA 418.1		SOP-426	2	SOP-427	2	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0		8 28 40	85	94-BH-58-25-01 1620 11/19/94
4093.2	2		SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).	0		12 13 10	100	
4091.2	4			0	0	6 10 19	100	94-BH-58-25-02 1626 11/19/94
4089.2	6		Total Depth = 6 ft.					
4087.2	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI HOLE NO.: BH-58-25

DRILLING LOG

HOLE NO.	BH-58-26
SHEET 1 OF 1 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231 / IRP Site 58
5. NAME OF DRILLER	John Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55 ATV
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2' x 2" ID Stainless Steel Split Spoon; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=544006.79; Northing=685305.94
9. SURFACE ELEVATION	4094.80 ft. MSL
10. DATE STARTED	11-19-94
11. DATE COMPLETED	11-19-94
12. OVERBURDEN THICKNESS	NA
13. DEPTH DRILLED INTO ROCK	NA
14. TOTAL DEPTH OF HOLE	6 ft
15. DEPTH GROUNDWATER ENCOUNTERED	NE
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA

20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	SW8020		SW8080		SW8240		SW8270		SW8015ME		21. TOTAL CORE REC.
3	SW8015MP		Metals		EPA 418.1		SOP-426	3	SOP-427	3	NA

22. DISPOSITION OF HOLE	BACKFILL	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Vertical	Grout			Tim Byers

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR7/3), dry, medium density, non-plastic, (SM) (SDFN).	0	0	5 10 21	80	94-BH-58-26-01 1542 11/19/94
4092.8	2			0		12 18 22	100	
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).					
4090.8	4			0	0	23 28 30	100	94-BH-58-26-02 94-BH-58-26-22 1558 11/19/94
4088.8	6		Total Depth = 6 ft.					
4086.8	8							

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: BH-58-26

DRILLING LOG

HOLE NO.	MW-58-01
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1 OF 3 SHEETS	
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	5" x 2.6" ID Carbon Steel Continuous Sampler; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543963.57; Northing=685395.77
9. SURFACE ELEVATION	4097.18 ft. MSL
10. DATE STARTED	11-3-94
11. DATE COMPLETED	11-3-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	28.6 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	28.6 ft / 20 hrs
14. TOTAL DEPTH OF HOLE	35 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA
20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	0
SW8020	
SW8080	
SW8240	
SW8270	
SW8015ME	
SW8015MP	
Metals	
EPA 418.1	
SOP-426	
SOP-427	
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Vertical
BACKFILL	
MONITORING WELL	Yes
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).					
4095.2	2							
4093.2	4		Auger was advanced 5.0 ft., then continuous sampler was installed.					
			SAND; Silty, fine-grained, yellowish red (5YR4/6), dry, medium density, non-plastic, (SM) (SDFN).					
4091.2	6							
				0			40	
4089.2	8		CLAY; Lean, yellowish red (5YR4/6), moist, stiff, medium plasticity, layered with fine grained gypsum, 10YR8/3, very pale brown., (CL) (SDCL).					
			SAND; Silty, with trace clay, very fine-grained, white (2.5Y8/1), moist, medium density, non-plastic to low plasticity, gypsum, (SM) (SDFN).					

0 2 4 6 8 10

DRILLING LOG

HOLE NO. MW-58-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
4085.2	12		CLAY; Lean, yellowish red (5YR4/6), moist, stiff, medium plasticity, layered horizontally with 1/8 in. thick gypsum, fine grained 2.5YR8/1 white, moist, nonplastic., (CL) (SDCL).	0			80	
4083.2	14							
4081.2	16		SAND; Silty, fine-grained, white (2.5Y8/1), moist, medium density, non-plastic, cemented gypsum, (SM) (SDFN).	0			100	
4079.2	18							
4077.2	20							
4075.2	22			0			50	
4073.2	24							
4071.2	26			0			100	
4069.2	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-01

DRILLING LOG

HOLE NO. MW-58-01

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			CLAY; Lean, fine-grained, light gray (2.5Y7/2), moist to wet, stiff, medium plasticity, traces of gypsum; water at 28.6 ft, (CL) (SDCL).					
			SAND; Silty, fine-grained, brown (7.5YR5/4), moist to wet, loose, non-plastic, traces of gypsum, (SM) (SDFN).	0			100	
4067.2	30							
4065.2	32		SAND; Poorly Graded, coarse-grained, brown (7.5YR4/4), wet, loose, non-plastic, (SP) (SDGR).	0			100	
4063.2	34		SAND; Silty, fine-grained, very pale brown (10YR8/3), wet, dense, non-plastic, gypsum, (SM) (SDFN).					
			Total Depth = 35 ft.					
4061.2	36							
4059.2	38							
4057.2	40							
4055.2	42							
4053.2	44							
4051.2	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-01

DRILLING LOG

HOLE NO.	MW-58-02
SHEET 1 OF 3 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	5' x 2.6" ID Carbon Steel Continuous Sampler; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543671.32; Northing=685545.49
9. SURFACE ELEVATION	4097.30 ft. MSL
10. DATE STARTED	11-3-94
11. DATE COMPLETED	11-4-94
12. OVERBURDEN THICKNESS	NA
13. DEPTH DRILLED INTO ROCK	NA
14. TOTAL DEPTH OF HOLE	35 ft
15. DEPTH GROUNDWATER ENCOUNTERED	28.0 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	28.0 ft / 20 hrs
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA
20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	0
SW8020	
SW8080	
SW8240	
SW8270	
SW8015ME	
SW8015MP	
Metals	
EPA 418.1	
SOP-426	
SOP-427	
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Vertical
BACKFILL	
MONITORING WELL	Yes
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR8/3), moist, medium density, non-plastic, lightly cemented, (SM) (SDFN).					
4095.2	2							
4093.2	4		CLAY; Lean, yellowish red (5YR4/6), moist, stiff, medium plasticity, mottled with gypsum, fine grained, 10YR very pale brown., (CL) (SDCL). Auger was advanced 5.0 ft., then continuous sampler was installed.					
4091.2	6							
				0			85	
4089.2	8							
			SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, medium density, non-plastic, (SM) (SDFN).					

0 2 4 6 8 10

PROJECT: Holloman AFB Table I Phase II RFI | HOLE NO.: MW-58-02

DRILLING LOG

HOLE NO. MW-58-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
4085.2	12		SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, (SM) (SDFN).	0			100	
4083.2	14							
4081.2	16		SAND; Clayey, medium-grained, angular, yellowish red (5YR5/6), moist, very dense, low plasticity, highly cemented; interbedded with gypsum crystals, (SC) (SDMD).	0			100	
4079.2	18							
4077.2	20		SAND; Silty, fine-grained, yellowish red (5YR5/6), moist, dense, non-plastic, layered with gypsum 1 to 2 in. thick., (SM) (SDFN).	0			100	
4075.2	22							
4073.2	24		SAND; Silty, fine-grained, very pale brown (10YR8/2), moist, medium density, non-plastic, water at 28 ft, (SM) (SDFN).	0			100	
4071.2	26							
4069.2 ▼	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-02

DRILLING LOG

HOLE NO. MW-58-02

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR8/2), wet, medium density, non-plastic, water at 29.4 ft, (SM) (SDFN).	0			100	
4067.2	30							
4065.2	32			0			100	
4063.2	34							
			Total Depth = 35 ft.					
4061.2	36							
4059.2	38							
4057.2	40							
4055.2	42							
4053.2	44							
4051.2	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-02

DRILLING LOG

HOLE NO.	MW-58-03
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
SHEET 1	OF 3 SHEETS
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	5' x 2.6" ID Carbon Steel Continuous Sampler; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543646.18; Northing=685681.70
9. SURFACE ELEVATION	4097.45 ft. MSL
10. DATE STARTED	11-4-94
11. DATE COMPLETED	11-4-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	28 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	28.0 ft / 16 hrs
14. TOTAL DEPTH OF HOLE	35 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA
20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	0
SW8020	
SW8080	
SW8240	
SW8270	
SW8015ME	
SW8015MP	
Metals	
EPA 418.1	
SOP-426	
SOP-427	
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Vertical
BACKFILL	
MONITORING WELL	Yes
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, lightly cemented, (SM) (SDFN).					
4095.4	2							
4093.4	4		CLAY; Lean, yellowish red (5YR4/6), moist, medium plasticity, mottled with gypsum silty sand, fine grained 10YR8/3 very pale brown., (CL) (SDCL). Auger was advanced 5.0 ft.,,then continuous sampler was installed.					
4091.4	6							
4089.4	8			0			100	
			SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, lightly cemented gypsum, (SM) (SDFN).					

0 2 4 6 8 10

DRILLING LOG

HOLE NO. MW-58-03

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
4085.4	12		CLAY; Lean, fine-grained, very pale brown (10YR8/3), moist, stiff, medium plasticity, mottled with gypsum silty sand fine grained., (CL) (SDCL).	0			100	
4083.4	14							
4081.4	16		SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, gypsum, (SM) (SDFN).	0			60	
4079.4	18							
4077.4	20							
4075.4	22		CLAY; Lean, reddish brown (5YR5/4), moist, stiff, medium plasticity, (CL) (SDCL).	0			90	
4073.4	24		SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, gypsum, (SM) (SDFN).					
4071.4	26		SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, gypsum; some layers of sandy clay (CL), 5YR5/4 reddish brown 1 to 2 in. thick., (SM) (SDFN).	0			100	
4069.4 ▼	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-03

DRILLING LOG

HOLE NO. MW-58-03

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, gypsum; water at 29.8 ft, (SM) (SDFN).	0			100	
4067.4	30							
4065.4	32			0			100	
4063.4	34							
			Total Depth = 35 ft.					
4061.4	36							
4059.4	38							
4057.4	40							
4055.4	42							
4053.4	44							
4051.4	46							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-03

DRILLING LOG

HOLE NO.	MW-58-04
SHEET 1 OF 3 SHEETS	
1. COMPANY NAME	Radian Corporation
2. DRILLING SUBCONTRACTOR	Geo-Test, Inc.
3. PROJECT	Holloman AFB Table I Phase II RFI
4. LOCATION	SWMU 231/ IRP Site 58
5. NAME OF DRILLER	Victor Maldonado
6. MANUFACTURERS DESIGNATION OF DRILL	CME - 55
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	5' x 2.6" ID Carbon Steel Continuous Sampler; 7.25" OD Hollow Stem Auger
8. HOLE LOCATION	Easting=543703.71; Northing=685825.64
9. SURFACE ELEVATION	4098.20 ft. MSL
10. DATE STARTED	11-5-94
11. DATE COMPLETED	11-5-94
12. OVERBURDEN THICKNESS	NA
15. DEPTH GROUNDWATER ENCOUNTERED	28.0 ft
13. DEPTH DRILLED INTO ROCK	NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	28.4 ft / 24 hours
14. TOTAL DEPTH OF HOLE	35 ft
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	None
18. RISK ASSESSMENT SAMPLES	No
SAMPLE ID (S)	
DEPTH	
19. TOTAL NUMBER OF CORE BOXES	NA
20. NUMBER OF SAMPLES FOR CHEMICAL ANALYSIS	0
SW8020 / SW8080 / SW8240 / SW8270 / SW8015ME	
SW8015MP / Metals / EPA 418.1 / SOP-426 / SOP-427	
21. TOTAL CORE REC.	NA
22. DISPOSITION OF HOLE	Vertical
BACKFILL	
MONITORING WELL	Yes
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			SAND; Silty, fine-grained, very pale brown (10YR8/3), dry, medium density, non-plastic, (SM) (SDFN).					
4096.2	2							
4094.2	4							
			Auger was advanced 5.0 ft., then continuous sampler was installed.					
4092.2	6							
			SAND; Silty, fine-grained, brown (7.5YR5/4), moist, medium density, low plasticity, mottled with gypsum silty sand, fine grained, 10YR8/3 very pale brown. (SL) (SDCL).	0			80	
4090.2	8		SAND; Silty, fine-grained, very pale brown (10YR8/3), moist, dense, non-plastic, gypsum, (SM) (SDFN).					

0 2 4 6 8 10

DRILLING LOG

HOLE NO. MW-58-04

1. COMPANY NAME: Radian Corporation

2. INSPECTOR: Carolyn Cooper

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
			CLAY; Lean, yellowish red (5YR4/6), moist, stiff, medium plasticity, mottled with gypsum silty sand, fine grained 10YR8/3 very pale brown, (CL) (SDCL).					
4086.2	12							
4084.2	14							
4082.2	16							
			SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, gypsum, (SM) (SDFN).					
4080.2	18							
4078.2	20		CLAY; Lean, reddish brown (5YR5/4), moist, stiff, medium plasticity, layered with silty sand, fine grained gypsum, (CL) (SDCL).					
4076.2	22							
4074.2	24		SAND; Silty, fine-grained, pale yellow (2.5Y8/3), moist, dense, non-plastic, (SM) (SDFN).					
4072.2	26							
4070.2 ▼	28							

PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-04

DRILLING LOG

HOLE NO.	SHEET
MW-58-04	OF 3 SHEETS

1. COMPANY NAME	2. INSPECTOR
Radian Corporation	Carolyn Cooper

ELEV. a	DEPTH b	GRAPHIC LOG c	DESCRIPTION OF MATERIALS d	SPLIT SPOON (ppm) e	HEAD-SPACE (ppm) f	BLOW CNTS g	% REC-OVERY h	ANALYTICAL SAMPLE NO. i
4068.2	30							
4066.2	32							
4064.2	34							
			Total Depth = 35 ft.					
4062.2	36							
4060.2	38							
4058.2	40							
4056.2	42							
4054.2	44							
4052.2	46							

28 30 32 34 36 38 40 42 44 46

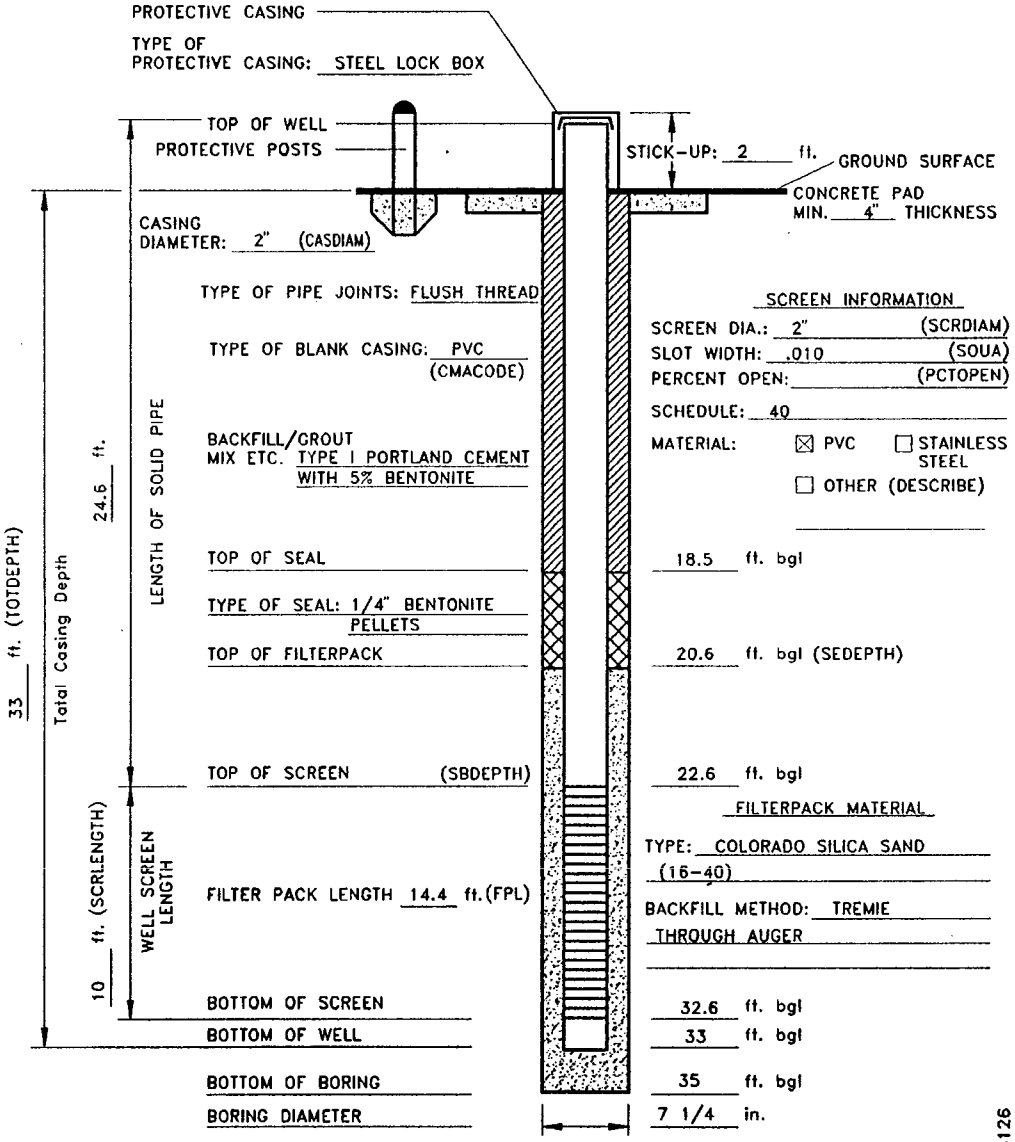
PROJECT: Holloman AFB Table I Phase II RFI

HOLE NO.: MW-58-04

Attachment F.2

Well Completion Diagrams

Project (PROJID)	Well I.D. (LOCID)	
HOLMN	MW-58-01	
Well Owner (VVL WELCODE)	Well Type (WL WTCODE)	
USAF	MNW	
Installer	Date Started (INSDATE)	Date Completed
GTI	11/9/94	11/9/94
Location Coordinates: (NCORD) (North) 685395.77	(ECORD) (East) 543963.57	
Elevation Top of Casing (MPELV)	Completion Method (VVL WCMCODE)	
4097.18	GS	
Sole Source Aquifer Code (VVL SAQCODE)		
NA		
Drilling Method	Completion Zone (VVL GZCODE)	
HS	W	
Remarks (REMARKS)		



Project (PROJID)	Well I.D. (LOCID)
HOLMN	MW-58-02
Well Owner (VVL WELCODE)	**Well Type (WL WTCODE)**
USAF	MNW

Installer	Date Started (INSDATE)	Date Completed
GTI	11/3/94	11/4/94

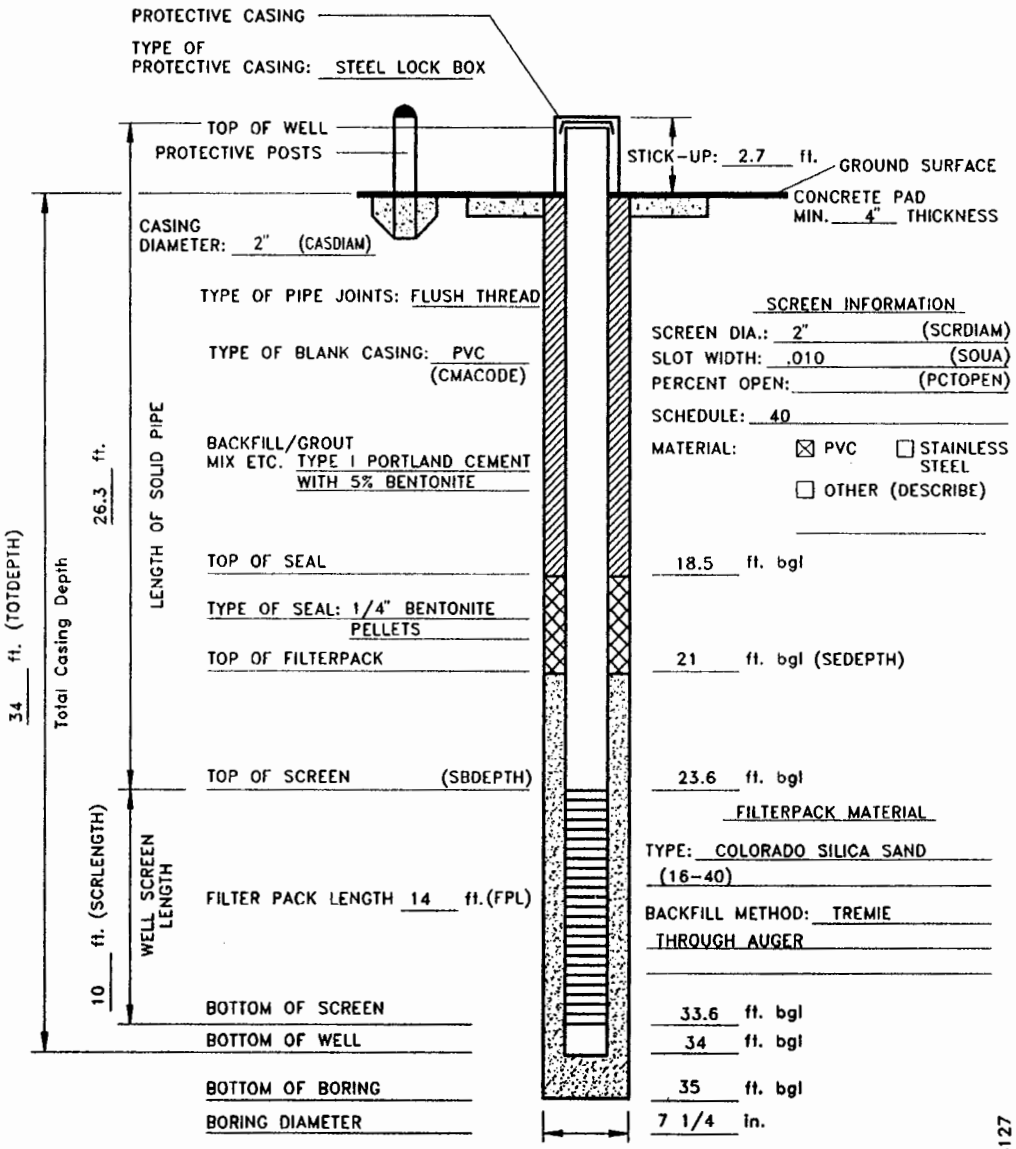
Location Coordinates:
(NCORD) (North) 685545.49
(ECORD) (East) 543671.32

Elevation Top of Casing (MPELV)	Completion Method (VVL WCMCODE)
4097.3	GS

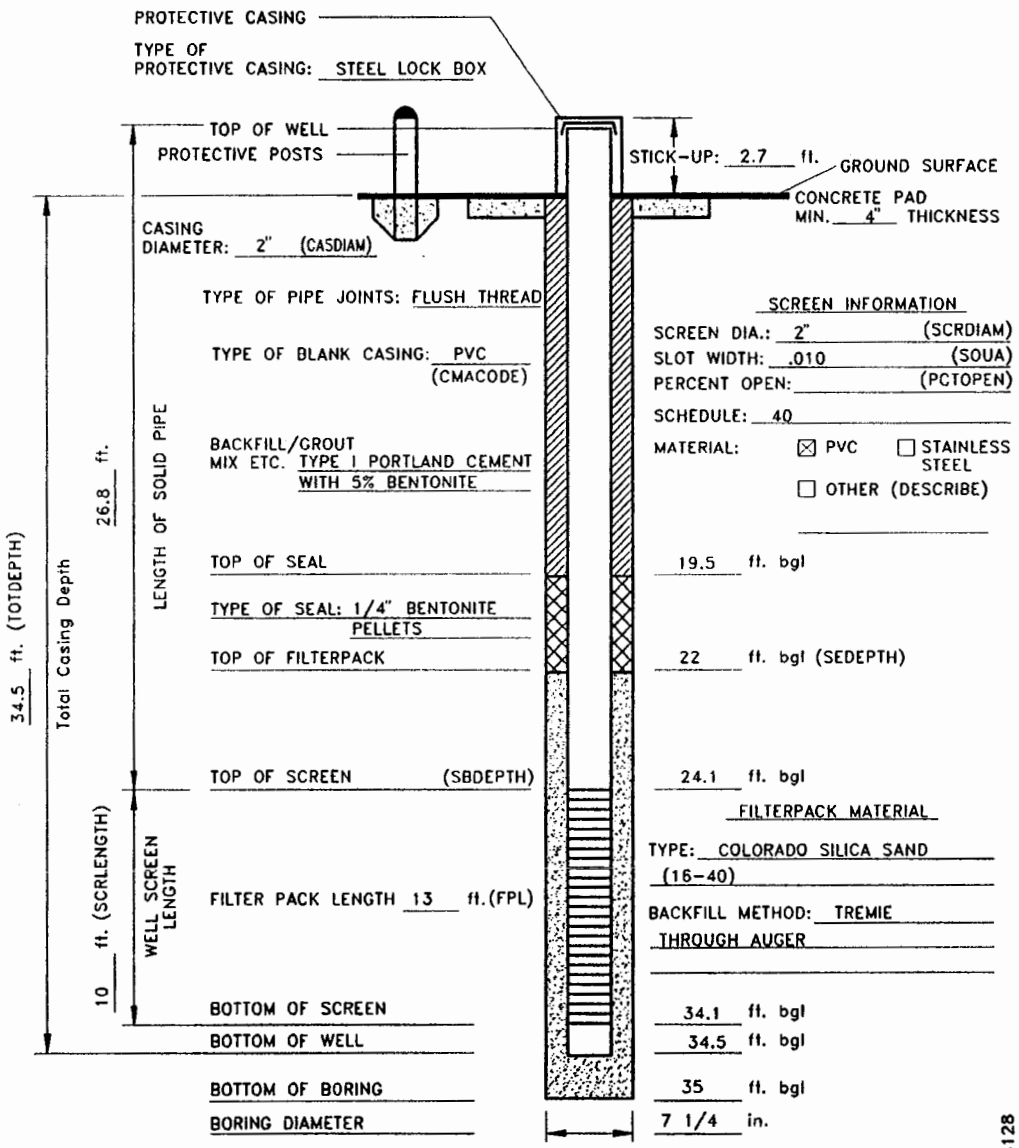
Sole Source Aquifer Code (VVL SAQCODE)
NA

Drilling Method	Completion Zone (VVL GZCODE)
HS	W

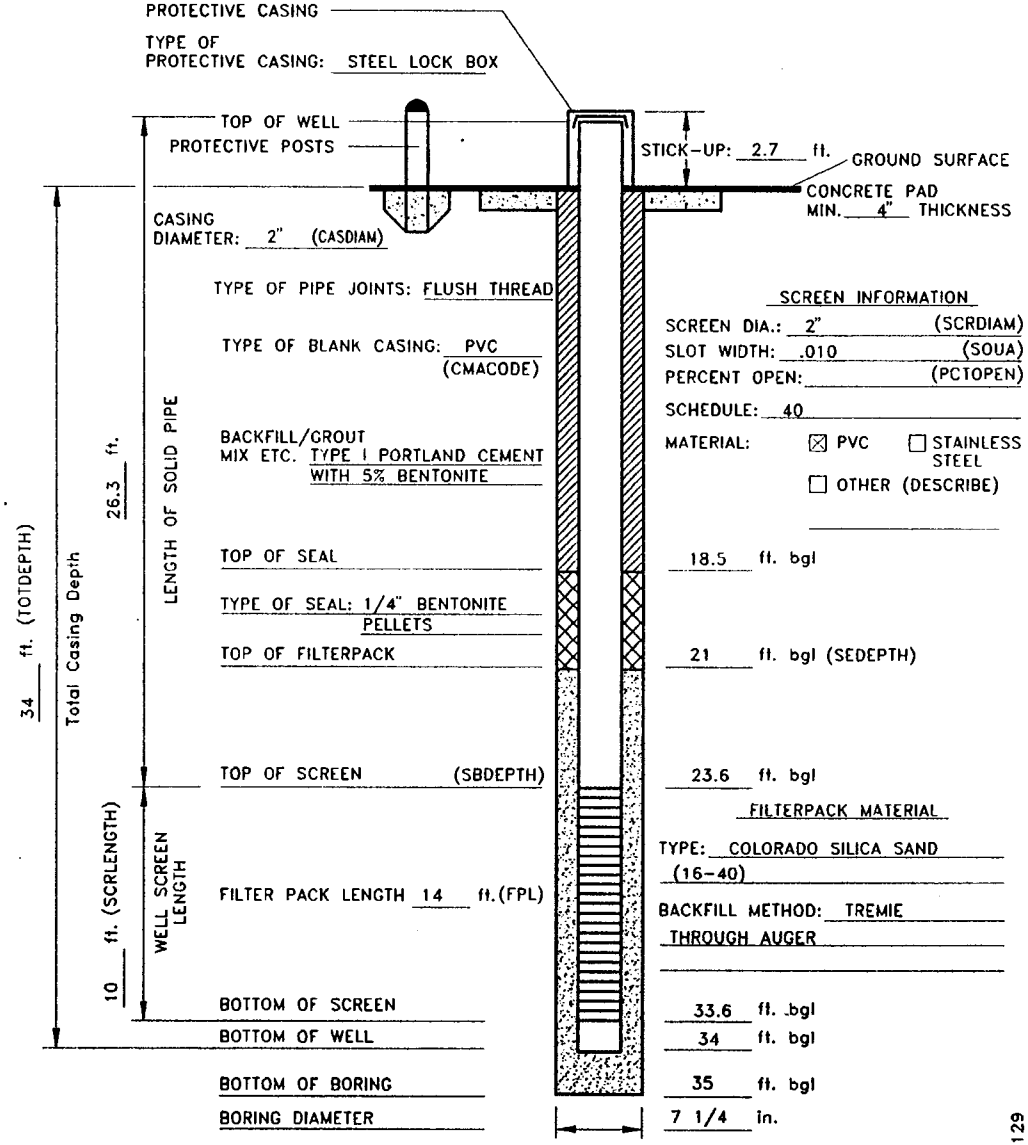
Remarks (REMARKS)



Project (PROJID) HOLMN	Well I.D. (LOCID) MW-58-03
Well Owner (VVL WELCODE) USAF	Well Type (WL WTCODE) MNW
Installer GTI	Date Started (INSDATE) 11/4/94 / Date Completed 11/4/94
Location Coordinates: (NCORD) (North) 685681.7	(ECORD) (East) 543646.18
Elevation Top of Casing (MPELV) 4097.45	Completion Method (VVL WCMCODE) GS
Sole Source Aquifer Code (VVL SAQCODE) NA	
Drilling Method HS	Completion Zone (VVL GZCODE) W
Remarks (REMARKS)	



Project (PROJID)	Well I.D. (LOCID)	
HOLMN	MW-58-04	
Well Owner (VVL WELCODE)	Well Type (WL WTCODE)	
USAF	MNW	
Installer	Date Started (INSDATE)	Date Completed
GTI	11/5/94	11/5/94
Location Coordinates: (NCORD) (North) 685825.64	(ECORD) (East) 543703.71	
Elevation Top of Casing (MPELV)	Completion Method (VVL WCMCODE)	
4098.2	GS	
Sole Source Aquifer Code (VVL SAQCODE)		
NA		
Drilling Method	Completion Zone (VVL GZCODE)	
HS	W	
Remarks (REMARKS)		



Attachment F.3

Well Development Logs

WELL DEVELOPMENT LOG

sheet 1 of 1

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	58 (SWMU 231)	94-MW-58-01

PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	C. COOPER O. MARTINEZ	Bailer/Pump	Bailer

WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
31.1'	32.1'	34.85'	34.95'	11/29/94 07:46	11/29/94 14:47

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
3.75'	0.61 gals	41.5

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	Comments
07:46	31.1'						OVM in well = Ø ppm ; take initial H_2O measurements
08:08							Begin bailing ; purge H_2O into drum, in Bevel. 12"
08:35		7					most seds. removed ; take 500 ml jar for photo ; opaque ; surge ; bai
09:09		11					opaque
13:00							resume bailing ; surge
13:14		18	17.8	11.7	6.83		opaque ; pH slowly increasing
13:22		20	17.9	11.4	7.09		opaque ; surge
13:52	32.0'	25	18.5	11.7	7.40		opaque ; surge
14:14		36	17.3	11.8	7.45		opaque
14:28		38	17.6	11.7	7.44		cloudy
14:34		40	17.4	11.6	7.45		cloudy to tint
14:37		41	17.5	11.5	7.45		tint to clear
14:45		41.5	17.5	11.5	7.43	9	clear
14:47	32.1'	41.5					take 500 ml jar for photo

Remarks the bottom part of the Alum. well cover needs to be replaced

WELL DEVELOPMENT LOG

sheet 1 of 1

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	58 (SWMU 23)	94-MW-58-02

PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	C. COOPER O. MARTINEZ	Bailer/Pump	Bailer

WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
32.0'	34.0'	36.6'	36.7'	11/29/94 07:35	11/29/94 10:47

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
4.6'	0.75	53

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (m℧/cm)	pH	Turb. (NTU)	Comments
07:35	32.0'						OVM in well = Φ ppm; take initial H2O measurements
07:41							begin bailing; purge H2O into drum, "Drum 3"
08:02	34.4'	11	16.5	13.4	6.59		most sed's. removed; take 500 ml jar for photo; opaque;
08:20		18	16.5	13.7	6.92		pH increasing slowly cloudy; surge
08:41		22	16.4	14.1	7.09		tint; surge
08:59		25					surge
09:07		27	16.6	13.6	7.13		cloudy
09:16		31	16.1	14.1	7.16		cloudy to tint
09:23		36	16.3	14.0	7.17		tint to clear
09:30		38	16.3	13.9	7.18		clear; surge
09:38		39	16.0	14.2	7.21		cloudy to tint
09:45		41	16.1	13.9	7.22		tint
09:50		43	15.9	14.2	7.24	121	tint to clear
09:59		45	16.0	13.6	7.22	70	tint to clear
10:10		47	15.9	14.2	7.21	41	clear
10:17		50	16.2	13.5	7.22	35	clear
10:25		51	15.7	13.8	7.26	57	clear
10:36		53	16.1	13.7	7.25	38	clear
10:47	34.0'	53	16.0	14.0	7.24	20	clear. take 500 ml jar for photo; take final H2O levels

Remarks

WELL DEVELOPMENT LOG

sheet 1 of 2

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	SWMU 231	94-MW-58-03

PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	Tim Byres/Randy Feel	Bailer/Pump	Bailer

WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
32.50	32.35	35.90	36.58	11-29-94 0817	11-29-94 1500

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
3.40	.55	28.0

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	Comments
8:17							Head Space at Cap = 0.0 ppm
8:19	32.50						
8:22							Start of Bailing
9:00	35.0	5.0					Baile Sediment from Well, Pulled Initial Turbidity
1300							BEGIN SURGING & BAILING WELL
1305							WELL DRY
1320	33.00	9.0	18.1	14.52	7.55		OPAQUE; SURGING WELL
1322		9.5	18.0	14.50	7.56		OPAQUE; WELL BAILED DRY
1326	32.95	10.0	17.8	14.72	7.39		OPAQUE; SURGING
1329		10.5	18.5	14.48	7.35		OPAQUE; WELL BAILED DRY
1332	33.10	11.0	18.0	14.71	7.32		OPAQUE TO CLOUDY; SURGING
1341		12.0	18.5	14.80	7.28		OPAQUE TO CLOUDY; WELL BAILED DRY
1345	33.40	12.5	18.2	14.84	7.26		OPAQUE TO CLOUDY; SURGING
1353		14.5	18.5	14.88	7.24		OPAQUE TO CLOUDY; WELL BAILED DRY
1358		15.0	17.9	14.81	7.25		CLOUDY
1405		16.5	18.1	14.85	7.23		CLOUDY; WELL BAILED DRY
1410		17.0	18.0	14.84	7.20	47.5	CLOUDY TO TINT; SURGING
1415		18.5	18.0	14.80	7.20		CLOUDY; WELL BAILED DRY
1419		19.5	17.8	14.75	7.23		CLOUDY; SURGING

Remarks

WELL DEVELOPMENT LOG

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	SWMU 231	94-MW-58-03

PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	T. Byres & R. Teel	Bailer/Pump	Bailer

WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
32.50	32.35	35.90	36.58	11-29-94 0817	11-29-94 1500

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
3.40	.55	28.0

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	Comments
1427		21.0	17.7	14.73	7.20	—	CLOUDY TO TINT; WELL BAILED DRY
1434		22.0	17.9	14.70	7.19	39.9	TINT; SURGING
1441		25.0	17.8	14.65	7.23		TINT; WELL BAILED DRY
1459		28.0	17.6	14.68	7.20	18.5	TINT, Final Water Clarity Collected
1500							MEASURE WATER & WELL DEPTH

Remarks

WELL DEVELOPMENT LOG

sheet 1 of #2

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	SWMU 231	94-MW-58-04

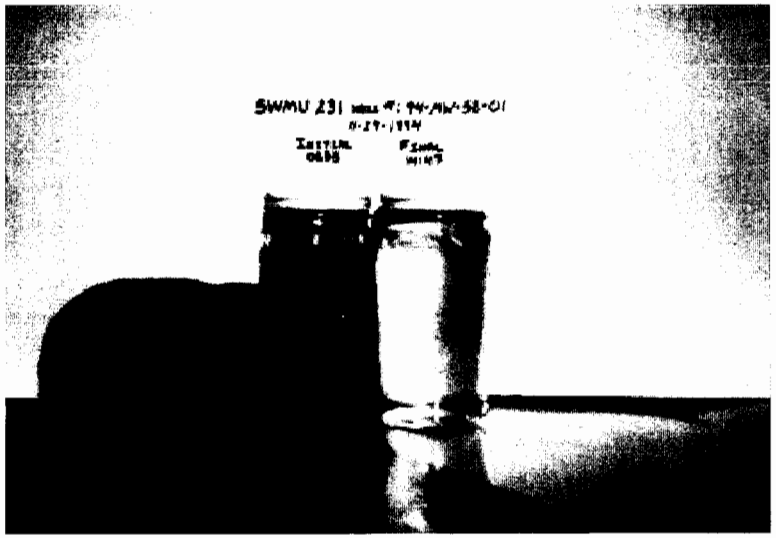
PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	T. BYRES & R. TEEL	Bailer/Pump	Bailer

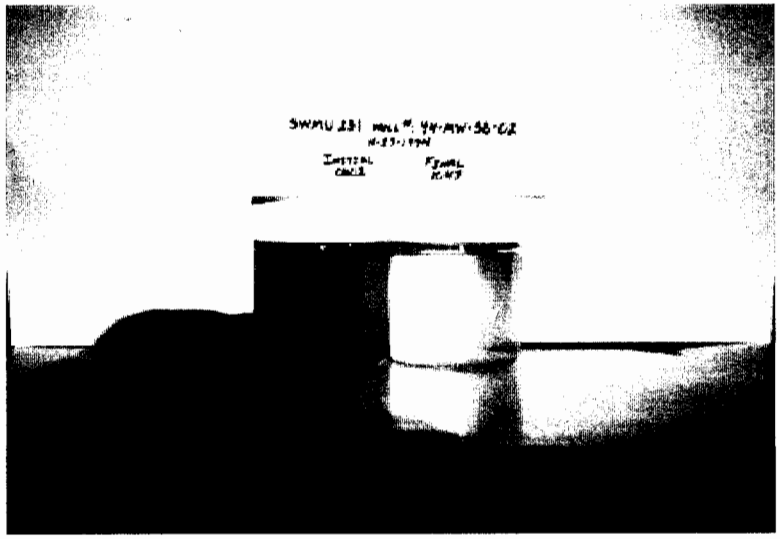
WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
32.50	32.85	36.35	36.35	11-29-94 0725	11-29-94 1118

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
3.80	.62	25.0

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	Comments
0725	32.50	—	—	(ATC)	(ATC)	—	MM @ WELL HEAD; O.C HEADSPACE WITHER & WELL DEPTH; SURGE WELL
0730	—	1.0	—	—	—	—	PUT AIR PUMP DOWN HOLE START PUMPING & SURGING
0800	—	2.0	16.3	11.97	6.57		PULLED INITIAL CLARITY SAMPLE
0830	—	3.0	17.0	12.00	7.33		OPAQUE; SURGE
0845		4.0	16.8	12.33	7.40		OPAQUE; SURGE
0900		5.0	17.0	11.95	7.37		OPAQUE; SURGE
0915	—	—	—	—	—	—	AIR BAILER, INEFFECTIVE, PULLED FROM WELL
0930	—	—	—	—	—	—	BEGIN SURGING & BAILING USING BAILER
0940		—	—	—	—		WELL BAILED DRY; OPAQUE
0945	33.35	7.0	17.0	11.95	7.72		OPAQUE
0948							OPAQUE, WELL BAILED DRY
0955		8.0	16.9	12.21	7.48		OPAQUE; SURGING
0958		9.0	16.6	12.23	7.45		OPAQUE, WELL BAILED DRY
1001		10.0	16.6	12.24	7.39		OPAQUE; SURGING
1003		11.0	17.4	12.19	7.41		WELL BAILED DRY; CLOUDY
1006	33.00	11.5	16.8	12.21	7.47		OPAQUE TO CLOUDY; SURGING
1010		12.0	16.8	12.53	7.48	138.7	WELL BAILED DRY; OPAQUE; PULLED CLARITY
1014		12.5	16.6	12.55	7.50		OPAQUE TO CLOUDY; SURGING
1018		13.0	16.6	12.72	7.50		OPAQUE TO CLOUDY, WELL BAILED DRY

Remarks


SWMU 231 WELL #: 94-MW-58-01
11-29-1994
INITIAL
0835
FINAL
1147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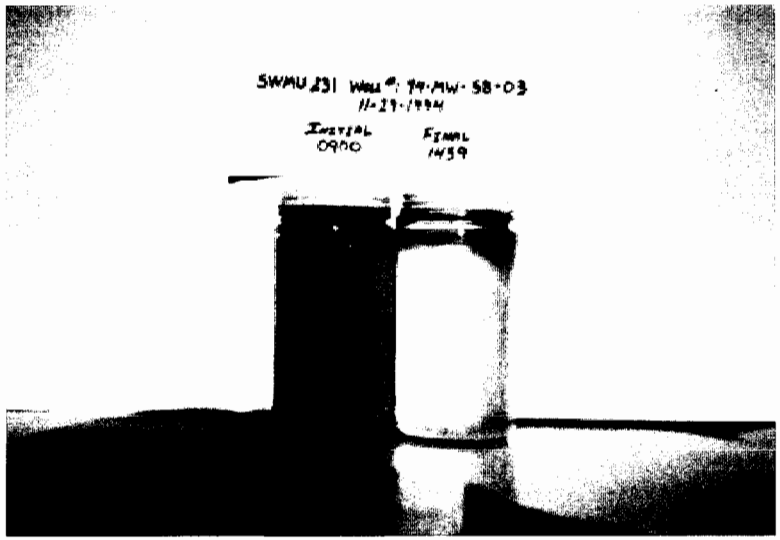
11-29-1994
INITIAL
0815
FINAL
1147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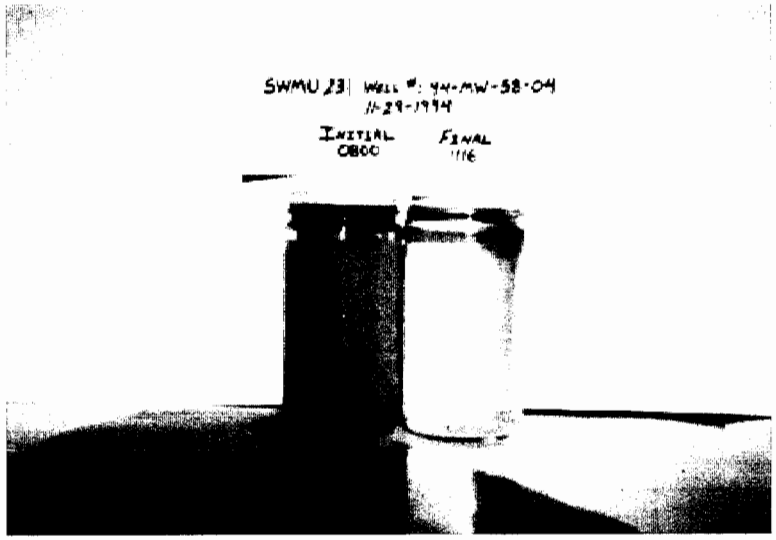
11-29-1994
INITIAL
0900
FINAL
1459


SWMU 231 WELL #: 94-MW-58-04
11-29-1994
INITIAL
0800
FINAL
1116

WELL DEVELOPMENT LOG

PROJECT	SITE	WELL ID
Table 1 Phase II RFI	SWMU 231	94-MW-58-04

PERFORMED BY	DEVELOPER	DEVELOPMENT METHOD	SURGE TECHNIQUE
Geotest	T. BYRES & R. TEEL	Bailer/Pump	Bailer

WATER LEVEL (ft BTOC) INITIAL	WATER LEVEL (ft BTOC) FINAL	TOTAL DEPTH (ft BTOC) INITIAL	TOTAL DEPTH (ft BTOC) FINAL	DATE/TIME INITIAL	DATE/TIME FINAL
32.50	32.85	36.35	36.35	11-29-94 0725	11-29-94 1118

WATER COL. (ft)	WELL VOLUME (gal) (column x 0.163)	TOTAL VOLUME REMOVED (gal)
3.80	.62	25.0

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	Comments
1021	32.90	13.5	16.4	12.39	7.52	88.0	OPAQUE TO CLOUDY; POOR CLARITY
1026		14.5	—	—	—	—	WELL BAILED DRY; CLOUDY
1029		15.0	16.0	12.40	7.68		CLOUDY; SURGING
1032		17.0	16.4	12.25	7.58		CLOUDY
1035		18.0	16.0	12.37	7.55		WELL BAILED DRY; CLOUDY
1040	32.88	18.5	16.0	12.39	7.50		CLOUDY; SURGING
1042		19.0	16.0	12.30	7.53		CLOUDY
1045		19.5	16.4	12.28	7.56		CLOUDY TO TINT; WELL BAILED DRY
1050	33.05	20.0	16.4	12.23	7.54		CLOUDY TO TINT; SURGING
1054		21.0	16.2	12.26	7.53		CLOUDY TO TINT; SURGING
1058		22.0	16.0	12.28	7.51		TINT TO CLEAR; WELL BAILED DRY
1105	33.25	22.5	16.0	12.25	7.50	53.8	CLEAR TO TINT, POOR CLARITY
1107		23.0	16.5	12.28	7.48		TINT TO CLEAR; SURGING
1110		23.5	16.9	12.28	7.46		TINT TO CLEAR, WELL BAILED DRY
1115		25.0	16.8	12.25	7.44	21.9	POOR CLARITY; CLEAR TO TINT
1116		25.0	—	—	—	—	POURED "FINAL" CLARITY SAMPLE
1118	32.85	—	—	—	—	—	MEASURE WATER & WELL DEPTH

Remarks

Attachment F.4

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

sheet ___ of ___

PROJECT	CLIENT	WELL ID
Table 1 Phase II RFI	USACE, Omaha District	94-MW-58-01

LOCATION	SAMPLERS	WEATHER	SAMPLING METHOD
SWMU 231	Tim Byrcs, Randy Teel	Sunny, Warm, Calm	Bailer

WATER LEVEL (ft BTOC)	WELL DEPTH (ft BTOC)	DATE	TIME
30.90'	34.95 from Revd. Log	12-4-94	

WATER COL. (ft)	WELL VOL. (gal) (column x 0.163 for 2" well)	TOTAL VOLUME REMOVED (gal)
4.05	0.66	4.0

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality				Comments
			Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	
13:33							Head Space at Well Cap = 0.0ppm
13:44		.25	17.9	10.73	6.46		Cloudy
13:47		.50	17.6	10.98	6.83		
13:49		1.0	17.7	11.07	6.93		
13:52		1.5	17.8	11.10	7.03		
13:54		2.0	17.5	11.25	7.09		
13:56		2.5	17.4	11.20	7.13		
13:57		2.75	17.4	11.23	7.15		
13:58		3.0	17.5	11.17	7.17		
14:00		3.25	17.7	11.15	7.18		
14:04							Start of Sampling
							Sampled 12 VOAs 40ml
							12 1L Ambers
							3 500ml Glass
							94-MW-58-01-01, QA1 & 21
14:49	31.00	4.0					
14:55							Load Equipment

Remarks Alkalinity: 98 mg/L $CaCO_3$

GROUNDWATER SAMPLING LOG

sheet ___ of ___

PROJECT	CLIENT	WELL ID
Table 1 Phase II RFI	USACE, Omaha District	94-MW-58-02

LOCATION	SAMPLERS	WEATHER	SAMPLING METHOD
SWMU 231	D.A. MARTINEZ / BECKY COEL RANDY TEW	CLEAR TO PARTLY CLOUDY & BREEZY	Bailer

WATER LEVEL (ft BTOC)	WELL DEPTH (ft BTOC)	DATE	TIME
~~39.90~~ 31.90 OAM	36.70	12-4-94	1100

WATER COL. (ft)	WELL VOL. (gal) (column x 0.163 for 2" well)	TOTAL VOLUME REMOVED (gal)
4.8	.782 2.3 GAL.	

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality				Comments
			Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	
1100	~~0~~	–	–	–	–	—	OVM IN WELL = ~~0~~ ppm
1101	31.90 OAM ~~39.90~~	–	–	–	–	—	BEGIN PURGING
1109	~~0~~	–	–	–	–	—	Check pH Cal. 7 = 7.08 - adj. slightly
1110	–	.5	17.8	12.66	6.42	–	CLEAR TO TINTED (WATER)
1113	–	1.0	17.6	13.03	6.67	–	" " "
1115	–	1.9	17.5	13.10	6.77	–	" " "
1116	–	2.3	17.8	12.98	6.79	–	" " "
1118	–	2.8	17.7	13.08	6.87	–	" " "
1120	–	3.0	17.6	13.14	6.89	–	~~CLEAR~~ OAM " "
1121	–	3.3	17.6	13.13	6.91	–	" " "
1122	–	3.6	17.6	13.20	6.93	–	" " "
1125	–	4.1	17.5	13.17	6.97	–	TINTED TO CLOUDY
1126	–	4.6	17.7	13.22	7.01	–	" " "
1128	–	5.0	17.8	13.25	7.01	–	TINTED TO CLEAR
1129	32.21						SAMPLED

Remarks COLLECTED · 4-1 L. AMBER
6-40 ML. VOAS
1-2 ML ~~POLY~~ ~~[illegible]~~ OAM BOTTLE
ALKALINITY = 88 mg/L $CaCO_3$

E.B. - 4 ~~1 L~~ 1 LITER 40 ML. VOAS
2-1 L. AMBER
1-500 ML GLASS

GROUNDWATER SAMPLING LOG

sheet 1 of ___

PROJECT	CLIENT	WELL ID
Table 1 Phase II RFI	USACE, Omaha District	94-MW-58-03

LOCATION	SAMPLERS	WEATHER	SAMPLING METHOD
SWMU 231	Randy Teel, Becky Coel, O.A. Martinez	Clear to Cloudy w/ Breeze Slight	Bailer

WATER LEVEL (ft BTOC)	WELL DEPTH (ft BTOC)	DATE	TIME
31.90	36.58	12/4/94	0945

WATER COL. (ft)	WELL VOL. (gal) (column x 0.163 for 2" well)	TOTAL VOLUME REMOVED (gal)
4.68	.76 3 vol = 2.29	

Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality				Comments
			Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	
0945	31.90	0	-	-	-	-	OVM was 0.000
0946	-	0	-	-	-	-	Measure water level
0947	-	0	-	-	-	-	Begin purging well
0955	-	1.5	17.3	14.06	6.23	-	Water Cloudy
0958	-	2.3	17.4	14.20	6.67	-	" "
0959	-	2.9	17.3	14.40	6.75	-	" "
1000	-	3.3	17.4	14.54	6.77	-	" "
1002	-	~~3.8~~ 3.5 cum	17.3	14.54	6.80	-	" "
1003	-	~~4.0~~ 3.8 cum	17.3	14.55	6.83	-	" "
1005	-	4.0	17.4	14.58	6.87	-	Slightly tinted to clear
1008	-	4.2	17.5	14.46	6.91	-	" " "
1010	-	4.5	17.6	14.36	6.93	-	" " "
1010							Sample
1040	32.38						Measure water depth
							Collected/sampled. 8-40 ml VOA's 6-1L Amber Bot. 2-500 ml Glass (metals)

Remarks Collected MS/MSD

Alkalinity = 160 mg/L $CaCO_3$

GROUNDWATER SAMPLING LOG

sheet 1 of 1

PROJECT	CLIENT	WELL ID
Table 1 Phase II RFI	USACE, Omaha District	94-MW-58-04

LOCATION	SAMPLERS	WEATHER	SAMPLING METHOD
SWMU 231	O.A. Hardner, Randy Teel, Becky Coel	Clear / Cool, Slight Breeze	Bailer

WATER LEVEL (ft BTOC)	WELL DEPTH (ft BTOC)	DATE	TIME
32.41	36.35 (from dev. log)	12/4/94	0800

WATER COL. (ft)	WELL VOL. (gal) (column x 0.163 for 2" well)	TOTAL VOLUME REMOVED (gal)
3.94	0.64	6.9 Gal.

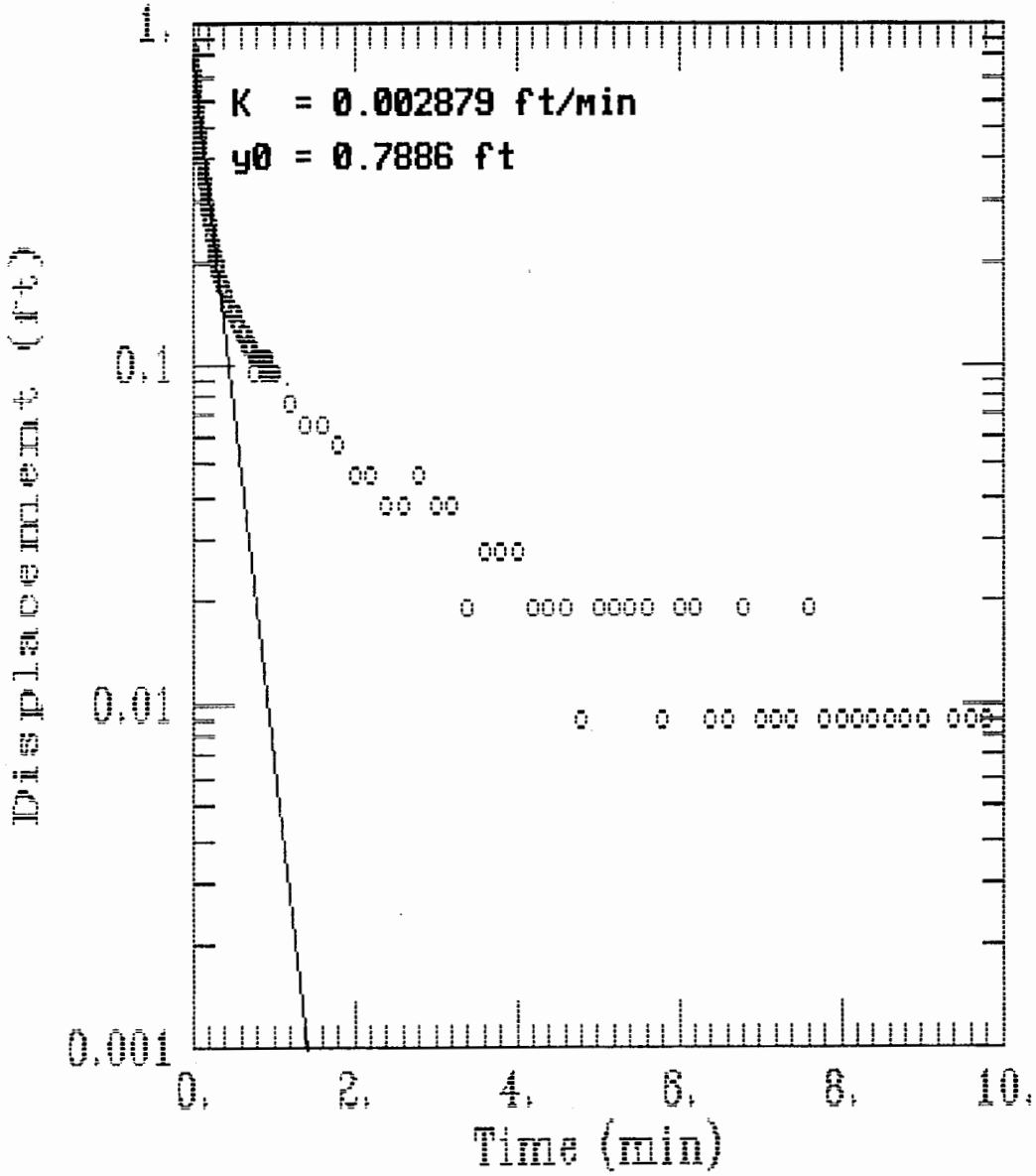
Time	Water level (ft BTOC)	Cum. Vol. (gal)	Water Quality				Comments
			Temp. (C)	Cond. (mU/cm)	pH	Turb. (NTU)	
0800	32.41	Ø	-	-	-	-	OVM in well = Ø ppm
0805	—	Ø	-	-	-	-	Begin purging
0809	—	1.0	16.3	12.14	6.28	—	Slight tint to clear
0813	—	1.8	16.2	12.32	6.69	-	" " " "
0815	—	2.1	16.4	12.33	6.77	-	" " " "
0817	—	2.6	16.6	12.31	6.83	—	" " " "
0820	—	3.4	16.6	12.33	6.88	—	Water becoming clear
0823	—	4.0	16.5	12.32	6.92	—	Water clear
0826	—	4.3	16.7	12.30	6.95	-	" "
0829	—	5.0	16.6	12.29	6.99	—	" "
0832	—	5.5	16.5	12.32	7.01	-	" "
0834	—	5.9	16.6	12.31	7.00	—	" "
0836	—	6.4	16.5	12.34	7.03	-	" "
0838	-	6.9	16.7	12.36	7.02	—	" " Sample
0915	32.60						Final water level

Remarks Alkalinity = 95 mg/L $CaCO_3$

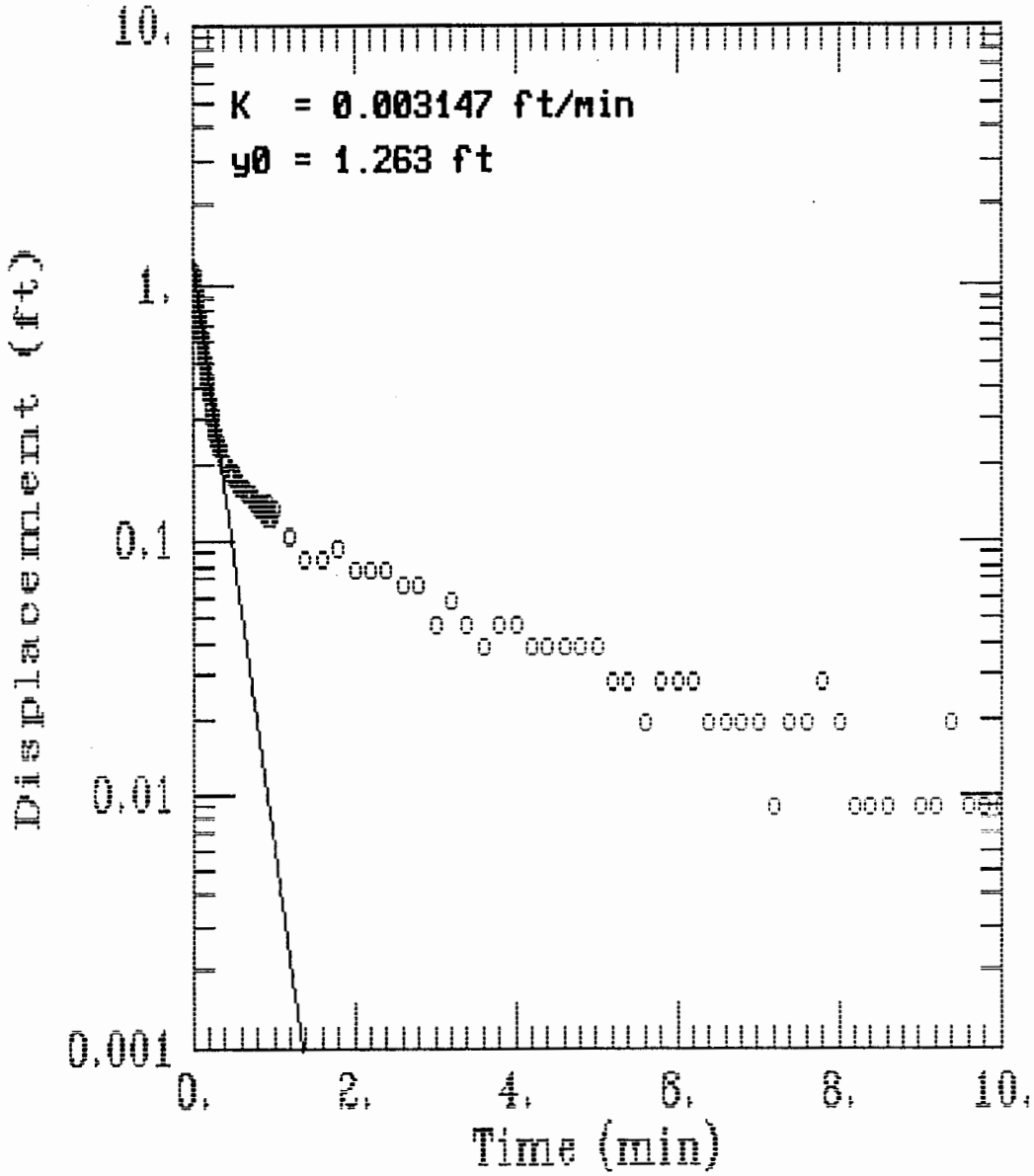
Attachment F.5

Slug Test Results

Monitor Well 58-MW01 Slug - Out Test



Monitor Well 58-MW02 Slug - Out Test



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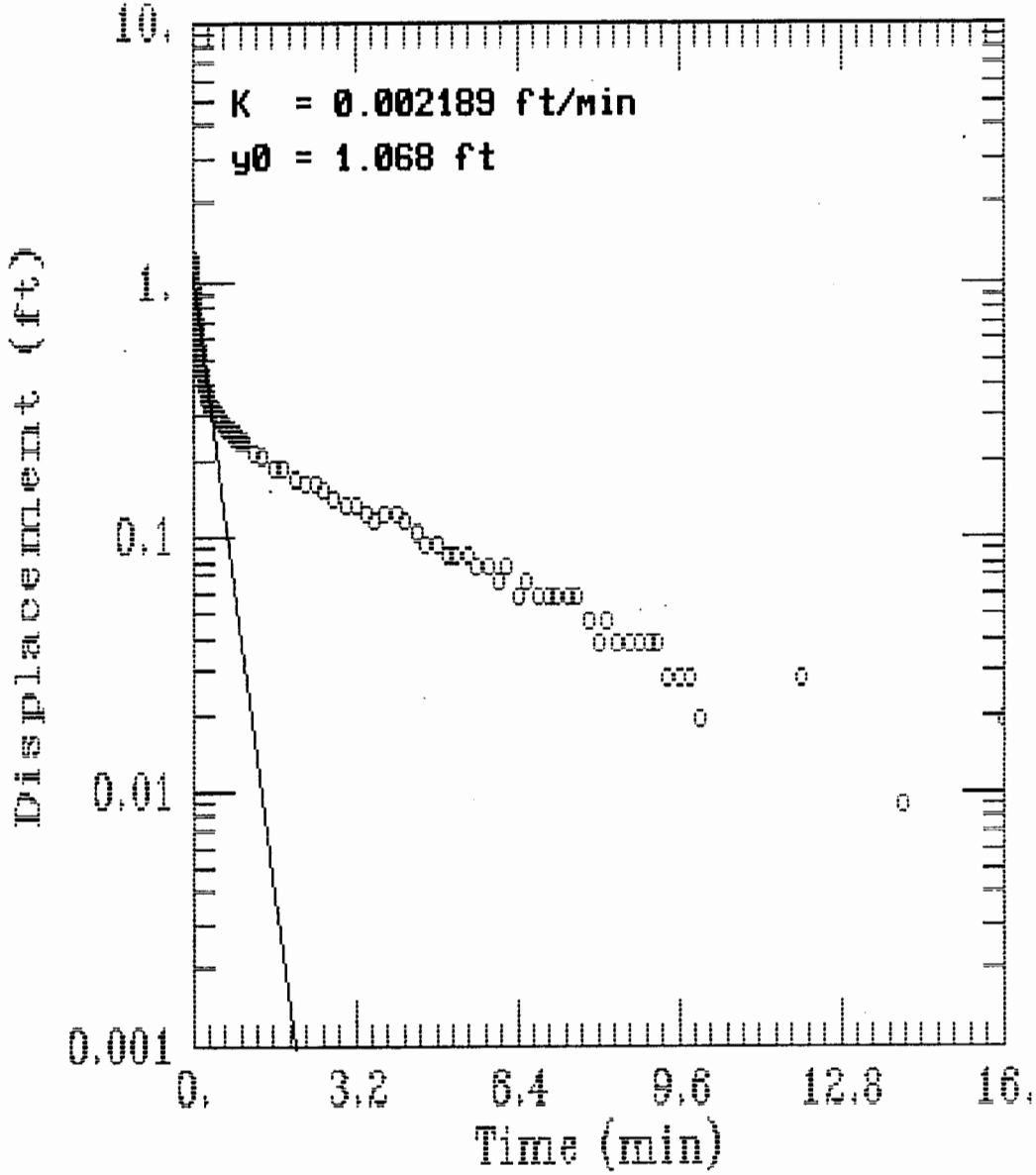
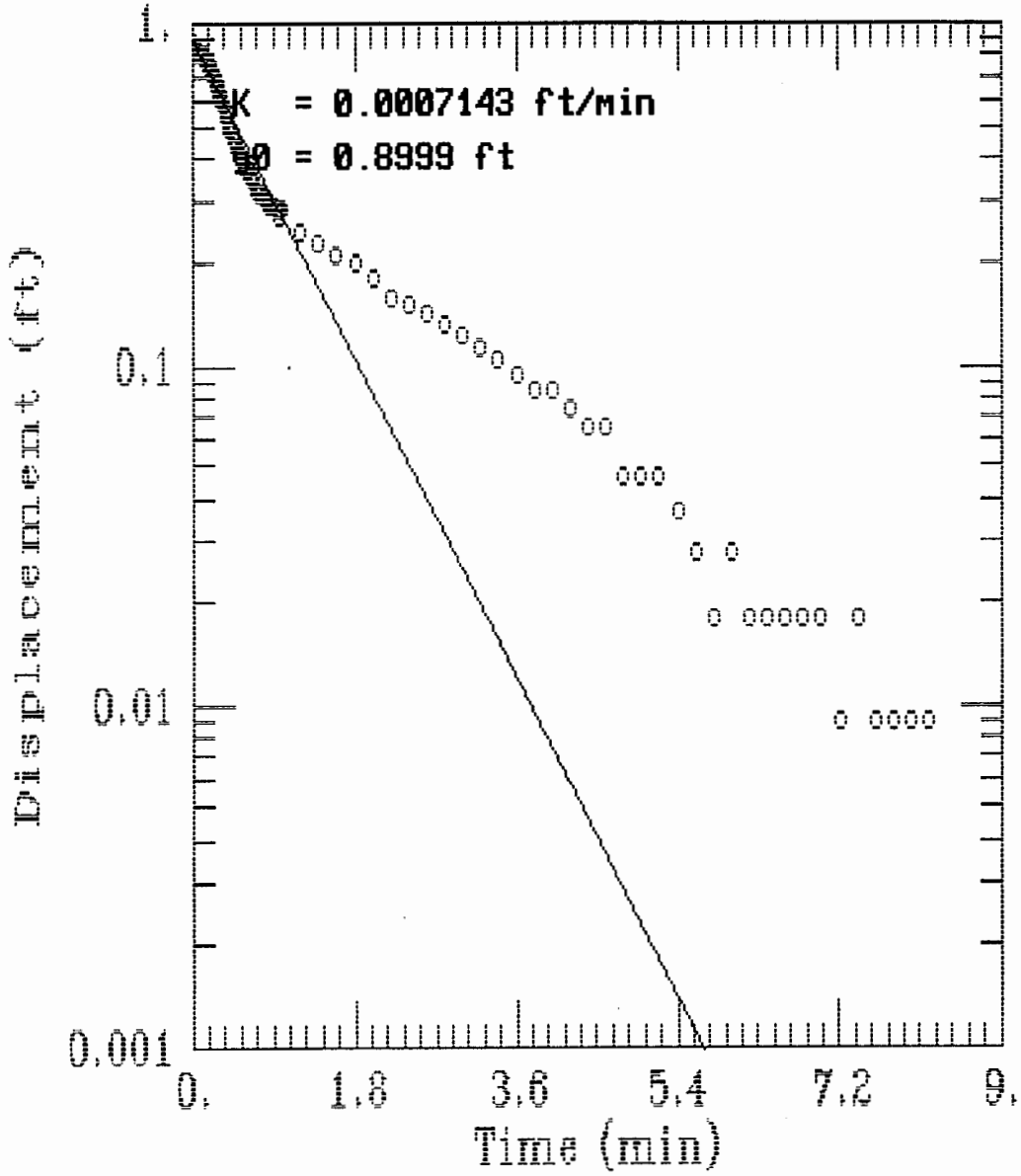


Monitor Well 58-MW04 Slug - Out Test



Attachment F.6

Survey Data

SWMU 1

Location	Northing	Easting	Elevation
01-01	553,761.83	670,152.79	4079.191
01-02	553,770.91	670,152.73	4079.26
01-03	553,769.75	670,143.83	4079.1355
01-04	553,761.59	670,144.30	4079.097
01-05	553,745.69	670,162.11	4079.0904
01-06	553,753.07	670,170.70	4078.9477
01-07	553,777.67	670,166.97	4079.3991
01-08	553,790.53	670,153.80	4079.4154
01-09	553,784.47	670,138.59	4078.9872
01-10	553,769.44	670,127.01	4079.1821
01-11	553,750.68	670,135.57	4079.2188
01-12	553,736.92	670,152.17	4079.1906
01-13	553,732.68	670,172.22	4079.1385
01-14	553,746.91	670,181.53	4078.9841
01-15	553,764.96	670,180.32	4079.282
01-16	553,808.18	670,192.50	4080.5168
01-17	553,732.51	670,190.23	4079.1819
01-18	553,751.79	670,196.78	4079.2031
01-19	553,803.04	670,116.49	4079.0325
01-20	553,788.12	670,106.52	4079.0475
01-21	553,752.75	670,105.12	4079.1829
01-22	553,738.37	670,126.73	4079.3995
01-23	553,717.72	670,137.09	4078.9034
01-24	553,712.74	670,157.63	4078.8563
01-25	553,819.27	670,093.70	4079.3941
01-26	553,799.70	670,079.34	4079.1958
01-27	553,769.82	670,085.46	4079.1548

SWMU 4

Location	Northing	Easting	Elevation
04-05	553,841.79	671,916.29	4084.6567
04-06	554,041.63	671,876.51	4082.3
04-07	554,054.86	671,858.68	4082.1292
04-08	554,067.26	671,841.97	4081.9135

SWMU 7

Location	Northing	Easting	Elevation
07-01	553,461.92	671,819.41	4084.6782
07-02	553,466.94	671,818.95	4084.8745
07-03	553,466.89	671,813.15	4084.8807
07-04	553,462.19	671,816.32	4084.6396
07-05	553,455.81	671,817.76	4084.373
07-06	553,445.97	671,809.22	4084.524
07-07	553,446.99	671,826.43	4083.9537
07-08	553,454.91	671,831.13	4084.1608
07-09	553,472.77	671,827.79	4084.8395
07-10	553,445.84	671,841.76	4084.143
07-11	553,466.29	671,842.53	4084.4353

SWMU 9

Location	Northing	Easting	Elevation
09-01	551,699.34	671,276.01	4077.3813
09-02	551,694.39	671,274.12	4077.83
09-03	551,693.64	671,269.75	4077.3
09-04	551,684.21	671,268.26	4077.319
09-05	551,686.59	671,275.68	4076.9701

SWMU 11

Location	Northing	Easting	Elevation
11-01	550,949.81	670,657.94	4070.4665
11-02	550,956.99	670,658.38	4070.4908
11-03	550,961.57	670,651.33	4070.6278
11-04	550,949.95	670,650.57	4070.6408
11-05	550,936.42	670,663.09	4070.7014
11-06	550,945.37	670,672.14	4070.5816
11-07	550,964.53	670,665.51	4070.5001
11-08	550,969.33	670,646.89	4071.1474
11-09	550,961.96	670,639.56	4071.1286
11-10	550,939.01	670,640.33	4070.7461
11-11	550,984.47	670,650.20	4070.8351
11-12	550,979.94	670,626.45	4071.0421
11-13	550,951.54	670,617.97	4071.1098
11-14	550,914.59	670,638.60	4070.3956
11-15	550,939.98	670,604.68	4070.9848
11-16	550,982.02	670,611.66	4071.5033
11-17	550,950.27	670,586.91	4071.476
11-18	550,931.94	670,589.87	4070.9774
11-19	550,903.72	670,609.33	4070.7973
11-20	550,973.37	670,592.60	4071.4634
11-21	550,949.07	670,566.86	4071.8592
11-22	550,934.06	670,554.80	4071.6873

SWMU 12

Location	Northing	Easting	Elevation
12-01	549,692.40	669,822.73	4032.26
12-02	549,689.05	669,819.63	4032.18
12-03	549,694.58	669,813.91	4032.15
12-04	549,698.17	669,817.19	4032.23
12-05	549,652.87	669,779.27	4031.18
12-06	549,659.19	669,751.63	4031.38
12-07	549,668.34	669,740.13	4031.72
12-08	549,646.36	669,739.65	4031.51
12-09	549,638.47	669,766.48	4032.03
12-10	549,637.07	669,792.48	4031.13
12-11	549,681.32	669,805.81	4031.86
12-12	549,682.59	669,838.65	4032.17
12-13	549,678.63	669,823.15	4031.97
12-14	549,668.27	669,793.73	4031.31
12-15	549,622.40	669,781.13	4031.72
12-16	549,619.21	669,814.64	4031.49
12-17	549,655.48	669,808.04	4031.59

SWMU 12

Location	Northing	Easting	Elevation
12-18	549,670.67	669,830.30	4032.02
12-19	549,673.73	669,848.11	4031.9

SWMU 14

Location	Northing	Easting	Elevation
14-01	550,061.39	669,970.48	4079.37
14-02	550,064.41	669,967.81	4079.28
14-03	550,058.81	669,959.77	4079.27
14-04	550,052.62	669,955.05	4079.23
14-05	550,042.72	669,955.43	4079.2
14-06	550,071.00	669,978.93	4079.33
14-07	550,076.26	669,964.55	4079.61
14-08	550,068.95	669,953.72	4079.63
14-09	550,057.68	669,945.65	4079.55
14-10	550,042.25	669,936.56	4079.3
14-11	550,031.47	669,946.91	4079.23
14-12	550,028.30	669,931.04	4079.38
14-13	550,052.93	669,925.34	4079.57
14-14	550,070.84	669,933.82	4079.6
14-15	550,060.73	669,899.16	4080.19
14-16	550,094.59	669,924.10	4079.99
14-17	550,115.89	669,897.12	4080.14

SWMU 16

Location	Northing	Easting	Elevation
16-01	550,459.43	669,910.03	4081.77
16-02	550,465.30	669,912.01	4081.96
16-03	550,465.49	669,903.68	4082.02
16-04	550,457.83	669,903.62	4081.77
16-05	550,464.49	669,896.49	4082.08
16-06	550,453.06	669,897.82	4081.66
16-07	550,449.29	669,914.22	4081.57
16-08	550,459.92	669,919.88	4081.8
16-09	550,458.88	669,886.38	4081.62
16-10	550,441.76	669,888.57	4081.29
16-11	550,439.22	669,904.51	4081.41

SWMU 19

Location	Northing	Easting	Elevation
19-01	549,265.09	671,189.82	4073.53
19-02	549,264.88	671,183.94	4073.91
19-03	549,260.62	671,185.27	4073.8044
19-04	549,264.52	671,193.65	4073.2713
19-05	549,252.24	671,192.84	4073.5648
19-06	549,252.51	671,201.74	NV
19-07	549,249.78	671,207.04	NV
19-08	549,242.82	671,202.29	NV

SWMU 19

Location	Northing	Easting	Elevation
19-09	549,242.23	671,209.14	NV
19-10	549,254.53	671,216.01	NV
19-11	549,259.39	671,209.43	NV

SWMU 20

Location	Northing	Easting	Elevation
20-01	549,282.30	670,887.39	4073.43
20-02	549,288.41	670,886.88	4073.69
20-03	549,289.57	670,883.39	4073.6405
20-04	549,283.05	670,884.68	4073.4193

SWMU 23

Location	Northing	Easting	Elevation
23-01	543,231.62	668,679.74	4048.1946
23-02	543,236.34	668,674.20	4048.0411
23-03	543,233.53	668,665.75	4048.2284
23-04	543,230.50	668,673.63	4048.23
23-05	543,223.91	668,661.32	4048.2707
23-06	543,220.69	668,676.97	4048.2938
23-07	543,228.25	668,689.46	4048.2612
23-08	543,236.85	668,683.51	4048.306
23-09	543,245.56	668,663.91	4048.1278
23-10	543,235.11	668,652.89	4047.6425
23-11	543,206.42	668,649.02	4047.6721
23-12	543,202.85	668,674.15	4048.3193

SWMU 24

Location	Northing	Easting	Elevation
24-01	543,138.91	669,183.06	4049.6655
24-02	543,141.88	669,181.11	4049.7241
24-03	543,138.98	669,178.80	4049.8408
24-04	543,137.97	669,181.03	4049.7527

SWMU 25

Location	Northing	Easting	Elevation
25-01	542,256.50	670,930.94	4055.21
25-02	542,261.00	670,931.52	4055.61
25-04	542,255.85	670,930.86	4055.14
25-05	542,272.42	670,937.47	4055.69

SWMU 27

Location	Northing	Easting	Elevation
27-01	543,895.26	667,350.04	4042.4639
27-02	543,902.33	667,347.14	4042.5558
27-03	543,902.62	667,340.41	4042.1398
27-04	543,895.55	667,340.21	4042.59
27-05	543,893.06	667,352.07	4042.4092
27-06	543,909.43	667,352.09	4041.9456
27-07	543,907.51	667,332.01	4041.8272
27-08	543,897.29	667,328.82	4041.7559
27-09	543,856.14	667,350.13	4042.7686
27-10	543,888.83	667,345.22	4042.4485
27-11	543,892.35	667,357.50	4042.2792
27-12	543,918.86	667,357.99	4042.1653
27-13	543,915.89	667,321.03	4042.0021
27-14	543,865.67	667,283.77	4041.6803
27-15	543,890.92	667,311.29	4042.0367
27-16	543,878.10	667,375.04	4042.9776
27-17	543,879.79	667,333.10	4042.174
27-18	543,941.06	667,288.13	4041.4108
27-19	543,854.59	667,401.76	4042.9089
27-20	543,820.67	667,313.51	4041.7228
27-21	543,855.78	667,370.69	4043.0017
27-22	543,897.50	667,387.20	4043.0817
27-23	543,928.81	667,364.70	4042.4109
27-24	543,945.40	667,336.25	4042.0212
27-25	543,933.37	667,298.12	NV
27-26	543,883.66	667,321.14	4042.2051
27-27	543,852.61	667,325.90	4041.9727
27-28	543,969.17	667,346.07	4042.28
27-29	543,981.66	667,293.64	4042.2734
27-30	543,957.40	667,262.10	4042.1301
27-31	543,904.41	667,266.32	4041.8922
27-32	543,796.15	667,369.00	4042.4456
27-33	543,831.09	667,436.88	4044.0885
27-34	543,889.24	667,432.12	4043.0509
27-35	544,009.98	667,264.82	4042.3915
27-36	544,021.16	667,329.33	4044.0233
27-37	543,992.77	667,387.96	4042.4347
27-38	543,745.51	667,375.07	4042.75
27-39	543,767.50	667,332.76	4042.4859
27-40	544,021.21	667,408.22	4043.7929
27-41	543,963.50	667,406.32	4042.8906

SWMU 28

Location	Northing	Easting	Elevation
28-01	543,050.66	669,727.43	4052.9616
28-02	543,058.04	669,728.15	4052.8613
28-03	543,046.67	669,726.66	4052.9031
28-04	543,062.77	669,729.86	4052.9166
28-05	543,075.52	669,734.01	4052.7472
28-06	543,064.13	669,717.78	4052.7815
28-07	543,052.86	669,716.60	4052.8514
28-08	543,038.23	669,725.17	4052.4708
28-09	543,048.32	669,745.77	4052.6024

SWMU 28

Location	Northing	Easting	Elevation
28-10	543,062.55	669,746.69	4052.5408
28-11	543,017.69	669,727.48	4052.9455
28-12	543,033.82	669,702.76	4053.1192
28-13	543,059.79	669,692.93	4052.3976
28-14	542,998.19	669,724.29	4052.7534

SWMU 29

Location	Northing	Easting	Elevation
29-01	542,785.36	669,757.83	4052.28
29-02	542,792.62	669,751.85	4052.26
29-03	542,786.37	669,749.10	4052.21
29-04	542,780.15	669,751.76	4052.21

SWMU 31

Location	Northing	Easting	Elevation
31-01	542,319.43	670,950.25	4055.24
31-02	542,321.14	670,952.44	4055.17
31-03	542,323.64	670,948.79	4055.22
31-04	542,321.98	670,946.24	4055.18
31-05	542,318.72	670,943.71	4055.07
31-06	542,309.54	670,952.00	4055.11
31-07	542,322.49	670,962.25	4055.29
31-08	542,329.27	670,958.92	4055.36
31-09	542,326.47	670,942.42	4054.97

SWMU 34

Location	Northing	Easting	Elevation
34-01	539,811.83	668,806.27	NV
34-02	539,819.01	668,798.88	4043.4
34-03	539,818.00	668,787.89	4043.14
34-04	539,811.03	668,796.05	4043.71
34-05	539,802.16	668,792.73	4044.1
34-06	539,821.38	668,753.10	4042.52
34-07	539,806.56	668,785.34	4043.97
34-08	539,826.72	668,789.84	4042.92
34-09	539,837.81	668,764.50	4042.6
34-10	539,824.26	668,739.41	4042.32
34-11	539,805.74	668,768.77	4044.19
34-12	539,836.46	668,789.84	4042.93

SWMU 35

Location	Northing	Easting	Elevation
35-01	539,773.12	668,827.75	4044.84
35-02	539,986.91	668,836.57	4044.62
35-03	539,992.47	668,835.64	4044.56

SWMU 37

Location	Northing	Easting	Elevation
37-01	549,611.48	676,072.15	4098.8607
37-02	549,613.95	676,081.46	4098.8555
37-03	549,623.35	676,079.87	4098.8829
37-04	549,631.10	676,077.75	4098.8863
37-05	549,639.43	676,065.38	4098.8366
37-06	549,632.83	676,087.43	4098.9486
37-07	549,644.49	676,075.61	4098.9844
37-08	549,646.79	676,063.66	4099.0026
37-09	549,654.92	676,060.41	4099.0203

SWMU 38

Location	Northing	Easting	Elevation
38-01	549,839.66	676,255.99	4101.2341
38-02	549,843.29	676,253.78	4100.9734
38-03	549,839.72	676,247.01	4100.5443
38-04	549,832.81	676,250.93	4101.1785
38-05	549,829.13	676,238.02	4099.6486
38-06	549,834.61	676,235.47	4099.9379
38-07	549,849.05	676,245.96	4101.0689
38-08	549,838.78	676,234.07	4100.3963
38-09	549,854.10	676,221.85	4105.1188
38-10	549,834.19	676,222.76	4100.3373

SWMU 41

Location	Northing	Easting	Elevation
41-01	548,453.85	688,171.42	4112.2687
41-02	548,457.31	688,174.45	4112.3027
41-03	548,458.44	688,172.09	4112.2478
41-04	548,453.37	688,168.21	4112.3518
41-05	548,439.46	688,172.69	4111.9844
41-06	548,473.58	688,171.96	4112.5051
41-07	548,457.00	688,153.19	4112.2034

SURVEY RESULTS

SAMPLING POINTS SURVEY
TABLE 1 PHASE II REMEDIAL INVESTIGATION

HOLLOMAN AIR FORCE BASE
OCTOBER - DECEMBER 1994

PREPARED FOR:

EBASCO SERVICES INCORPORATED
143 UNION BLVD., SUITE 1010
LAKEWOOD, CO 80228

BY:

WESTERN LANDS SURVEYING, 114 SOUTH WATER STREET
LAS CRUCES, NEW MEXICO 88001, 505 525-0937

SAMPLING POINT SURVEY RESULTS
TABLE 1 PHASE II REMEDIAL INVESTIGATION
EBASCO SUBCONTRACT NO. DENS-94-1185-JM

WESTERN LANDS SURVEYING CONDUCTED WORK AT TEN SITES ON HOLLOMAN AIR FORCE BASE TO DETERMINE THE LOCATION AND ELEVATION OF SAMPLING POINTS AS REQUESTED BY CHRIS LARSON OF RADIAN CORPORATION.

DURING THE WEEK OF OCTOBER 13, 1994 FOUR GRIDS WERE SET. EACH GRID WAS MARKED AT 100 FOOT INTERVALS WITH 4 FOOT HIGH WOODEN LATH. AT SITES 2 & 5, 59 GRID POINTS WERE SET ALONG AN 1100 FOOT BASELINE WITH A VARIED WIDTH BASED ON THE AREA. AT SITE 8, 29 POINTS WERE SET IN A GENERALLY 400 x 400 GRID. AT SITE 31, 46 GRID POINTS WERE SET WITHIN A 800 x 600 FOOT AREA. AT SITE 58, NAILS WERE SET, ALONG WITH LATH, AT EACH GRID POINT FOR MORE PRECISE POSITIONING AS REQUESTED BY CHRIS LARSON. A TOTAL OF 161 GRID POINTS WERE SET.

BEGINNING ON NOVEMBER 30, 1994 A SURVEY WAS CONDUCTED ON EACH SITE TO DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF SAMPLING POINTS. A TOTAL STATION AND ELECTRONIC DATA COLLECTOR WAS USED TO SURVEY EACH SITE. CONTROL POINT COORDINATES WERE BASED ON STATE PLANE DATA PROVIDED BY CHRIS LARSON. VERTICAL CONTROL WAS BASED ON ELEVATIONS AS STAMPED ON MONITOR WELL CASEINGS. MR. LARSON WAS UNABLE TO PROVIDE ANY COORDINATES FOR SITE 58. AT THIS SITE WESTERN LANDS SURVEYING WAS ABLE TO USE CONTROL WHICH WE HAD ESTABLISHED BY GPS SURVEYING FOR A SEPARATE PROJECT. THERE WAS NO COORDINATE DATA AVAILABLE AT SITES 44 AND 45. WESTERN LANDS SURVEYING OBTAINED COORDINATE INFORMATION FROM THE BASE CIVIL ENGINEERING GROUP AND TRAVERSED APPROXIMATELY 4000 FEET TO BRING THE CONTROL TO THE SITES. BECAUSE OF THEIR PROXIMITY, SITES 44 AND 45 WERE COMBINED INTO ONE DATA FILE.

POINTS AT EACH SITE WERE IDENTIFIED BY CHRIS LARSON AND DESCRIBED IN BY THE IDENTIFICATION NUMBERS IN THE DATA FILES. SEVERAL LOCATION POINTS WERE REQUESTED AT EACH SITE AND THESE WERE ALSO LOCATED AND COMPUTED. ALL DATA IS PRESENTED BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM - CENTRAL ZONE. ELEVATIONS PRESENTED ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. A TOTAL OF 375 POINTS WERE LOCATED.

FOR EACH SITE SURVEYED, A COPY OF THE RAW FIELD DATA AS WELL AS THE CONTROL DATA USED HAS BEEN ATTACHED. A DRAWING SHOWING POINT LOCATIONS AND A LIST OF X,Y, AND Z COORDINATES IS ALSO ATTACHED. COORDINATE FILES ARE PROVIDED IN ASCII FORMAT (*.PRN FILES) AS WELL AS THE DRAWING DATA (*.DWG FILES).

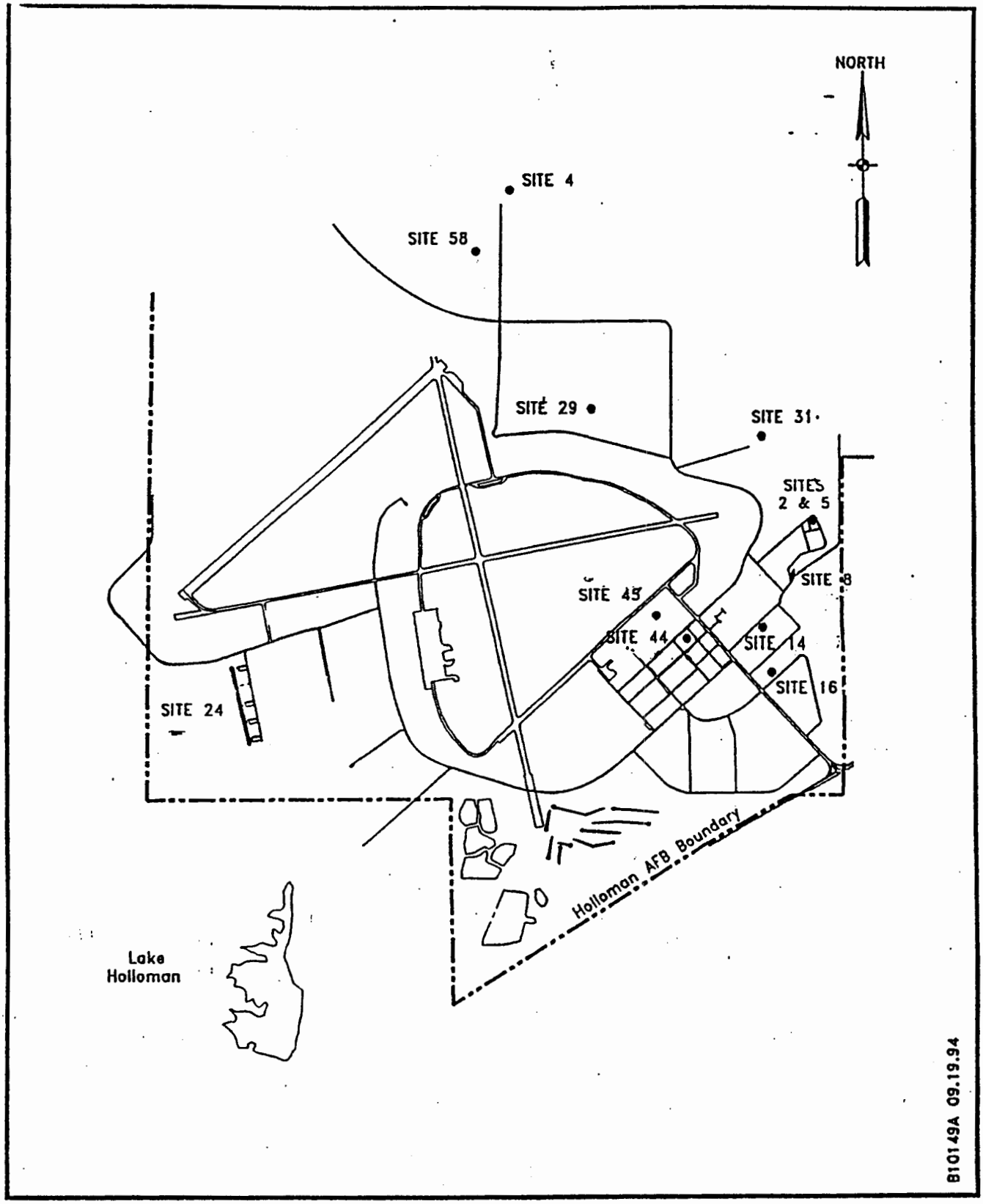


Figure 2-1. Locations of Table 1 Phase II RFI Sites, Holloman AFB, New Mexico

SITES 58
SWMU-231

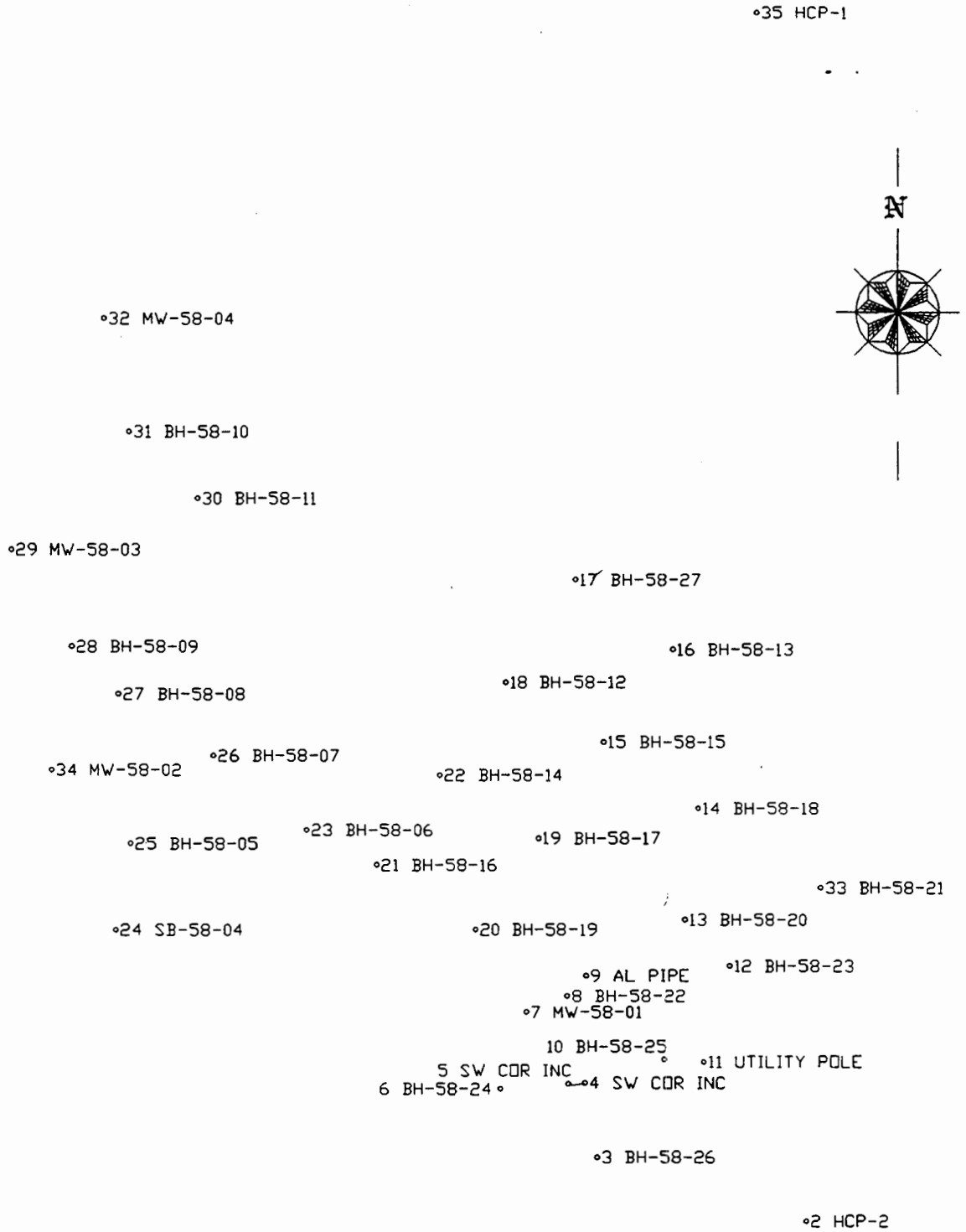
RAW DATA FILE: SITE58

CONTROL POINTS USED: HCP1 WLS SURVEY RECORDS
HCP2 WLS SURVEY RECORDS

ASCII FILE: SWMU231.PRN

DRAWING FILE: SWMU231.DWG

SITE 58 SWMU231



WESTERN LANDS SURVEYING 114 S. WATER, LAS CRUCES, NM 88001

2	685267.15	544134.99	4095.38	HCP-2
3	685305.94	544006.79	4094.80	BH-58-26
4	685351.97	543999.62	4095.07	SW COR INC
5	685351.53	543989.55	4094.99	SW COR INC
6	685348.36	543946.94	4094.86	BH-58-24
7	685395.77	543963.57	4097.18	MW-58-01
8	685405.5	543989.05	4094.97	BH-58-22
9	685417.95	544000.52	4098.11	AL PIPE
10	685366.34	544047.47	4095.24	BH-58-25
11	685365.25	544071.75	4097.34	UTILITY POLE
12	685424.13	544088.09	4095.36	BH-58-23
13	685452.52	544060.28	4095.44	BH-58-20
14	685521.37	544068.85	4095.81	BH-58-18
15	685563.16	544011.68	4095.55	BH-58-15
16	685620.45	544053.5	4095.92	BH-58-13
17	685663.29	543994.42	4096.23	BH-58-27
18	685600.01	543951.15	4095.64	BH-58-12
19	685503.18	543971.41	4095.50	BH-58-17
20	685446.74	543931.93	4095.23	BH-58-19
21	685486.7	543871.07	4095.28	BH-58-16
22	685542.43	543910.02	4095.45	BH-58-14
23	685507.8	543827.85	4096.13	BH-58-06
24	685446.1	543711.26	4093.77	SB-58-04 should be BH-58-04
25	685499.59	543720.31	4095.04	BH-58-05
26	685554.4	543770.54	4095.23	BH-58-07
27	685592.71	543712.38	4094.79	BH-58-08
28	685622.01	543683.38	4094.97	BH-58-09
29	685681.7	543646.18	4097.45	MW-58-03
30	685713.37	543760.86	4095.02	BH-58-11
31	685754.86	543718.98	4095.62	BH-58-10
32	685825.64	543703.71	4098.20	MW-58-04
33	685472.41	544144.13	4095.97	BH-58-21
34	685545.49	543671.32	4097.30	MW-58-02
35	686015.97	544105.32	4097.47	HCP-1

JB: Name SITE58,Date 4-26-1989,Time 12:59:32.73
Setup: North Azimuth,Dist feet,Scale 1.0000,Earth crv OFF
: Pt 600,N 686202.6211,E 544253.3589,Elv 4097.4670,HCP-1
ore: Pt 500,N 685453.5804,E 544283.0370,Elv 4095.3760,HCP-2
ccupy: Occ 500,N 5000.0000,E 5000.0000,Elv 100.0000,S POB
Backsight: Occ 500,BS Pt 600,BS azm 0.0000,Back circle 0.0000
/ HR : Inst H 5.1100,Rod H 5.0100
de Shot: 500-501,Ang-Rt 0.0000,Zenith 89.5155,Slp Dst 749.6400,N GPS
HI / HR : Inst H 5.1100,Rod H 4.8000
de Shot: 500-501,Ang-Rt 0.0000,Zenith 89.5200,Slp Dst 749.6400,N GPS
cksight: Occ 500,BS Pt 501,BS azm 0.0000,Back circle 0.0000
HI / HR : Inst H 5.1100,Rod H 5.0100
Side Shot: 500-502,Ang-Rt 289.0605,Zenith 90.1715,Slp Dst 133.9800,BH-58-26
de Shot: 500-503,Ang-Rt 304.2020,Zenith 90.0840,Slp Dst 159.8000,SW COR INC
de Shot: 500-504,Ang-Rt 302.2325,Zenith 90.0950,Slp Dst 168.2000,SW COR INC
Side Shot: 500-505,Ang-Rt 295.3730,Zenith 90.1025,Slp Dst 204.9000,BH-58-24
de Shot: 500-506,Ang-Rt 309.0905,Zenith 89.3245,Slp Dst 214.3800,MW-58-01
de Shot: 500-507,Ang-Rt 315.4420,Zenith 90.0840,Slp Dst 201.1600,BH-58-22
Side Shot: 500-508,Ang-Rt 320.3245,Zenith 89.1510,Slp Dst 202.1200,AL PIPE
de Shot: 500-509,Ang-Rt 320.5035,Zenith 90.0605,Slp Dst 132.3200,BH-58-25
de Shot: 500-510,Ang-Rt 329.2740,Zenith 89.0505,Slp Dst 116.7600,UTILITY POL
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APPENDIX G

Quantitative Risk Assessment for SWMU 231

G.1 RCRA Receptor and Pathway Identification
G.2 Methodology
G.3 Results
G.4 References

Attachment G.1: Risk-Based Screening Methodology and Results
Attachment G.2: Air Emissions Methodology
Attachment G.3: Toxicity Assessment
Attachment G.4: Risk Characterization Methodology and Risk Model Output

Appendix G

QUANTITATIVE RISK ASSESSMENT RESULTS FOR SWMU 231

As part of the Phase II Resource Conservation and Recovery Act (RCRA) facility investigation (RFI), a quantitative risk assessment was performed on SWMU 231 to determine the risk to human health and the environment posed by the site. The methodologies used in these risk evaluations and the results are detailed in the following sections:

- Section G.1—RCRA Pathway and Receptor Identification;
- Section G.2—Methodology; and
- Section G.3—Results.

The quantitative risk assessment presented in this appendix follows the methodology presented in the *Risk Assessment Report—Investigation, Study, and Recommendations for 29 Waste Sites* (Radian, 1992). This methodology will not be repeated here but will be referred to as necessary. Deviations from this methodology, however, are documented.

G.1 RCRA Receptor and Pathway Identification

The RFI requires the identification of potential human populations and environmental systems that may be susceptible to contaminant releases. Potential receptors and exposure pathways are determined on the basis of the following: (1) existing and possible future use of groundwater and surface water; (2) location of groundwater users; (3) human use of or access to Holloman Air Force Base (AFB) and adjacent lands; (4) description of biota in surface water and the ecology on and off Base; (5) demographic profile of the human population, including sensitive subpopulations; and (6) description of endangered or threatened species near the Base. This information is based on Holloman AFB records, information collected during the RFI, and an exposure assessment site visit conducted in March 1995. Information presented in this section was used to determine potential receptors and exposure pathways for SWMU 231.

G.1.1 Groundwater

The groundwater beneath Holloman AFB is unfit for human consumption, as determined by New Mexico Water Quality Control Commission Regulations (NM WQCC 82-1, as amended through August 18, 1991, Parts 3-100 through 3-103) because it exceeds New Mexico human health standards for

total dissolved solids (TDS) and sulfate. On the basis of the U.S. Environmental Protection Agency (U.S. EPA) document *Guidelines for Groundwater Classification Under the EPA Groundwater Protection Strategy* (EPA, 1986), the groundwater is classified as III B. Class III groundwater, characterized as having a TDS concentration greater than 10,000 mg/L, is not considered a source or a potential source of drinking water. No water supply wells are located on or near the Base because of poor groundwater quality. Therefore, there are no complete exposure pathways for groundwater. Exposure to groundwater is not included in the quantitative risk assessment.

The primary source of fresh water for Holloman AFB is Lake Bonita, located 60 miles northeast of the Tularosa Basin.

G.1.2 Surface Water

Groundwater discharge in the vicinity of Holloman AFB occurs through evapotranspiration, springs, seeps along steep-sided arroyos, or into closed playa lakes such as Lake Lucero. Because of its high TDS and high sulfate content, surface water in the area is not used as a potable water source, for agricultural purposes, or for residential use (i.e., lawn or gardening water). The lakes are too highly eutrophic for game fish to survive. The nearest surface water occurs in Lake Holloman (approximately 6 miles from SWMU 231). Lake Holloman is the final clarification pond for the waste water treatment plant at Holloman AFB. Lost River, a small creek which flows mostly above ground, is located approximately one mile north of SWMU 231. Surface water in the area could potentially be used for recreational purposes (i.e., wading); however, there is no surface water near SWMU 231 and, on the basis of site reconnaissance, there are no seeps or springs in the nearby draw. Therefore, there are no complete exposure pathways for surface water.

G.1.3 Human Population

The city of Alamogordo is the only town of appreciable size within 50 miles of the Base. Alamogordo is located approximately 7 miles east of the Base boundary and had an estimated population of approximately 31,090 in 1992. Holloman AFB has a labor force of approximately 6600 military personnel and 3000 civilian personnel. Of these, approximately 5500 people reside in the southeast corner of the Base. SWMU 231 is located in the northern portion of the Base and, since the predominant winds are from the west to southwest, the on-Base population is predominantly upwind of the SWMU. Workers located near the site could potentially be exposed to airborne contaminants. Because the site is located across the road from the Base equestrian center, horseback riding across the site is likely to occur, potentially exposing the riders to site contaminants. The location of SWMU 231 is shown in Figure 1-1 in Section 1.

Members of the population who are potentially sensitive to exposure of chemicals originating at Holloman AFB include the young, the elderly, and those with preexisting conditions that may be aggravated by exposure to chemicals of potential concern (COPCs). Locations at which sensitive members of the population might congregate include hospitals, retirement/nursing homes, schools, nurseries, and day care centers, which are all located in the main Base area. SWMU 231 is approximately 5 miles north (downwind) of potentially sensitive receptors.

The desert terrain of the area surrounding Holloman AFB has limited development in the immediate vicinity. There are no agricultural operations, residential communities, or large industrial operations located adjacent to the Base. Holloman AFB is an active military installation and is expected to remain active in the foreseeable future. No transfer of military property to the public domain is anticipated. Public access to the Base is restricted. Future land use is not expected to differ significantly from current land use practices.

G.1.4 Biota

There are several federal endangered species that are potentially affected by contaminants from the Base, including the peregrine falcon and the least tern. The snowy plover, mountain plover, long-billed curlew, white-faced ibis, and ferruginous hawk are candidates for listing as endangered species and have been identified at or near Lake Holloman and Lake Stinky (see Figure 2-2). However, those areas are located too far away to be affected by SWMU 231.

A detailed discussion of critical habitats and endangered species is included in Appendix K of the *29 Sites Risk Assessment Report* (Radian, 1992).

G.1.5 Findings

General findings of the RCRA receptor and pathway identification process are presented in Table G-1. Additionally, human populations and environmental systems could potentially be affected by the transfer of contaminants from one medium to another. For example, contaminants in the site soils could be transferred to the air by volatilization or in the form of fugitive dust which could potentially affect nearby human receptors. Suspected intermedia contaminant transfers and pathways are presented in Table G-2.

G.2 Methodology

Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992) contains a detailed description of the methodology employed in conducting the quantitative human health risk assessment. Therefore, Section G.2 of this report presents only details specific to SWMU 231. Appendix K in the *29 Sites Risk Assessment Report* contains detailed methodology for conducting the environmental evaluation.

G.2.1 Chemicals of Potential Concern

A detailed discussion of the sampling events at SWMU 231 is presented in Section 6 of this RFI report. COPCs were selected according to the criteria detailed in Appendix B. A complete list of chemicals detected at the site is also presented in Appendix B.

Measured soil concentrations for the COPCs were screened using EPA Region III residential screening criteria. The chemicals of concern (COCs) selected for SWMU 231 are listed in Table G-3. Attachment G.1 presents a summary of the risk-based screen results and the methodology used.

Table G-1
General Findings of the RCRA Receptor and Pathway Identification Process

RCRA Receptors and Pathways					Findings
SWMU	Groundwater	Surface Water	Impacts on Human Receptors	Impacts on Biota	
231	None	None	Pending further evaluation [a]	Pending further evaluation [a]	Human populations and environmental systems could potentially be affected by the transfer of a release from one medium to another at SWMU 231.

[a]Sensitive subpopulations are too far away to be impacted by emissions from the site. Human and biota receptors potentially impacted by site contaminants are evaluated in the quantitative risk assessment.

Table G-2
Potential Intermedia Contaminant Transfer Pathways for SWMU 231

Release Media	Potential Receiving Media	Transfer Pathways
Air	• Soil	• Deposition of particles • Atmospheric washout
Soil	• Air • Groundwater	• Fugitive dust generation • Volatilization • Migration through the unsaturated zone • Overland runoff • Migration through the soil • Uptake by plants and animals
Groundwater	• Soil • Air	• Uptake by plants • Volatilization

Table G-3
COCs Selected for and SWMU 231

Contaminants of Potential Concern	Media of Concern
2,3/2,4-Dimethylaniline	ss
2,5-Dimethylaniline	ss
2,6-Dimethylaniline	ss
3,4-Dimethylaniline	ss
3,5-Dimethylaniline	ss
Aluminum	ss, so
Arsenic	ss , so
Barium	ss, so
Beryllium	ss,so
Manganese	ss, so
Thallium	ss, so
Vanadium	ss, so

so = subsurface soil; ss = surface soil

G.2.2 Exposure Assessment

This section contains information on the routes of human exposure to the COPCs that are present at, or may have migrated from, SWMU 231. This information is based on site visits, data gathered for this investigation, and EPA guidelines. Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992) contains a detailed discussion of the potentially exposed populations, exposure pathways, exposure scenarios, quantification of exposures, and exposure assessment uncertainties.

G.2.2.1 Identification of Exposure Pathways

An exposure pathway describes the course that a chemical or physical agent takes from the source of contamination to the exposed individual. A complete exposure pathway generally consists of the following:

- A source and mechanism of chemical release;
- A retention or transport medium (or media in cases involving intermedia transfer of chemicals);
- A point of potential human contact with the contaminated medium; and
- An exposure route (e.g., ingestion).

The following paragraphs provide information on the fate and transport of the COCs, exposure points, and exposure routes at SWMU 231.

Results of chemical analyses of groundwater samples collected during the investigations at SWMU 231 show constituents in the groundwater directly beneath the site. Soil samples collected during the investigations show contaminants in the surface and subsurface soils. The original release sources contributed contaminants to the subsurface soil and to groundwater via leaching through the soil. For the purposes of this risk assessment, the source of contamination is represented by analytical measurements of identified COCs in the soil at the site.

The SWMU could potentially contribute to the release of contaminants to the following media:

- Air via volatilization and fugitive dust generation;
- Groundwater via site leaching and recharge of water from the surface;
- Surface water via runoff from the site; and
- Soil via particle deposition.

There is no known direct discharge of contaminants from the site to a surface water source.

Contaminant Releases to Air—To evaluate releases to the air at the site, three types of emission mechanisms were considered:

- Volatilization of organic compounds from subsurface contamination;
- Volatilization of organic compounds from surface contamination; and
- Wind entrainment of contaminated dust.

Contaminant Releases to Groundwater—Results of chemical analyses of groundwater samples collected during the investigation indicate that contaminants have been released to groundwater directly beneath the site.

Contaminant Releases to Surface Water—Contaminated groundwater may potentially discharge into Rita's Draw, which is hydraulically downgradient from SWMU 231. However, there is no known direct discharge of contaminants from the site to a surface water source. Surface runoff is minimal because of the level topography of the site and low annual rainfall.

Contaminant Releases to Soil—The primary media affected by the release is soil. Additional contamination may have resulted from deposition of particles from air.

G.2.2.2 Fate and Transport in Release Media

Primary environmental transport media for chemical substances in the environment include the air, groundwater, surface water, and soil. The potentially significant contaminant transport mechanisms considered for this risk assessment consist of the following:

- Dispersion in the air of organics and fugitive dust and deposition of particles from air;
- Migration of contaminated groundwater; and
- Uptake by plants and animals.

Air Dispersion—Emissions of organic chemicals from the site may occur at ground level in the gaseous phase. The gases disperse in the ambient air according to local meteorological conditions. Ambient ground level concentrations are highest at the source and typically drop off rapidly at outlying areas. Since the predominant winds are from the west to southwest, the highest annual average ground level concentrations usually occur east to northeast of the site. There is a potential for organic chemicals to migrate through the soil pores and eventually volatilize to the atmosphere. Volatilized contaminants from the ground surface disperse/diffuse rapidly, resulting in much lower concentrations in the ambient air.

Nonvolatile chemicals and metals can potentially enter the atmosphere as a result of wind entrainment of contaminated surface soil. Some of the factors affecting the emission of fugitive dust into the atmosphere include gravel cover, vegetative cover, surface erodibility, and area of contaminated surface soil.

Groundwater Migration—Groundwater occurs in a shallow, unconfined aquifer beneath SWMU 231. Local groundwater flow direction is west to northwest. Some of the factors affecting the rate of contaminant migration in groundwater include the solubility of the contaminant in water, its density

relative to water, the persistence of the contaminant and/or its transformation products, and its potential adsorption onto subsurface materials.

Agricultural Uptake—Plants and animals are potentially exposed to contaminants originating from this site. Groundwater, however, is in a Class III B aquifer, and is not used for agricultural purposes. No water supply wells are located on or near the Base. Therefore, use of groundwater for irrigation or stock watering is not a complete pathway of exposure and was not quantified. Further conclusions about site-specific exposure pathways are presented in Section G.3.

G.2.2.3 Exposure Pathways

A discussion of exposure pathways is presented in Section G.3. Probable future land use as discussed in Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992) will not significantly alter these exposure points and exposure routes.

G.2.2.4 Quantification of Exposures

The sections below describe the methodology used to estimate the magnitude, frequency, and duration of exposures for the populations and exposure pathways selected for quantitative evaluation. First, the exposure concentration estimates in the various exposure medium and the methods used to obtain these estimates are discussed. Second, the chemical intake estimates for individual pathways are described. Appendix D in the *29 Sites Risk Assessment Report* (Radian, 1992) contains a detailed discussion of the exposure assumptions and algorithms used to calculate intake into the human body. However, exposure assumptions and algorithms for the horseback riding scenario at SWMU 231 are presented in Section G.3.

Estimation of Air Exposure Concentrations—Emission rates of COCs from volatilization and wind entrainment of contaminated dust from the SWMUs were estimated by using predictive equations recommended by EPA (see Attachment G.2). The emission rates were then put into an EPA-approved computer dispersion model to estimate average and reasonable maximum chemical concentrations in the atmosphere for receptors at SWMU 231. Attachment G.2 presents the methodology used to calculate air emissions and presents the predicted ambient air concentrations at the receptors resulting from estimated site emissions.

Estimation of Soil Exposure Concentrations—Measured soil concentrations (average and 95th upper confidence limit, or UCL) were used as exposure point concentrations for the soil pathway. Soil concentrations are presented in Appendix B.

Estimation of Chemical Intakes for Individual Pathways—Exposure is defined as the contact rate of an organism with a chemical or physical agent. Intake is defined as exposure normalized for time and body weight and is expressed in units of milligrams of chemical per kilogram of body weight per day (U.S. EPA, 1989). There are three categories of variables used to estimate intake:

- Chemical-related variables (exposure concentration);
- Variables that describe the exposed population (contact rate, exposure frequency and duration, and body weight); and
- Assessment-related variables (averaging time).

The assumptions and algorithms used to estimate exposure for each exposure pathway were presented in Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992). The rationale for selecting individual values is explained in footnotes to the tables. The tables also document the equations used to calculate pathway-specific intakes. Assumptions and algorithms for the horseback riding scenario are presented in Section G.3.

G.2.3 Toxicity Assessment

Attachment G.3 presents toxicity values used in the risk assessment for the COPCs with potential for human exposure. COCs that were screened out by the risk-based screening process were not included in the toxicity assessment. Relevant toxicity values and associated information were obtained from EPA's Integrated Risk Information System (IRIS), April 1995; Health Effects Assessment Summary Tables (HEAST), Annual FY-1994; and other EPA references. These information sources contain toxicity values used to evaluate the risks associated with noncarcinogenic effects (reference doses and reference concentrations) and carcinogenic potential (slope factors, unit risk factors, and weight of evidence classification).

The general methodology used to assess the toxicity of the COCs is described in the *29 Sites Risk Assessment Report (*Radian, 1992) and will not be repeated here. The report also includes background information, defines and explains the toxicity values used in the risk assessment, describes the sources of

information used to identify the toxicity values, summarizes available information on the potential human health effects of exposure to the COCs, and discusses the uncertainties associated with using the toxicity values to evaluate potential human health effects. Attachment G.3 of this report provides detailed summaries of the available toxicity information and describes the basis for derivation of the toxicity values used in this assessment.

G.2.4 Risk Characterization

Risk characterization combines the possible exposure pathways and subsequent estimated chemical intakes with the appropriate toxicity values to derive quantitative and qualitative expressions of potential health risk. Measured contaminant exposure levels, as well as levels predicted after fate and transport modeling, are compared with chemical-specific toxicity information to determine if current or future levels of contamination, at or near the site, warrant concern for human health.

The exposure and risk calculations are performed through the use of a computer model developed to automate the exposure quantification and risk characterization process. The model automates the equations for chemical intake and generates chemical-specific hazard indices for noncarcinogenic effects using RfDs and RfCs and chemical-specific carcinogenic risk estimates using cancer slope factors. The model sums the resultant values for chemicals in each of the pathways of exposure, and across pathways of exposure, to generate a total scenario hazard index for noncarcinogenic effects and a total scenario cancer risk for carcinogenic effects. The program also calculates the percentage that each chemical and each pathway of exposure contributes to the scenario total. Attachment G.4 contains the exposure and risk model output for SWMU 231.

Carcinogenic and noncarcinogenic risk characterization for the exposure scenarios identified for the site is presented in Section G.3. For carcinogens, the Superfund site remediation risk range goal is 10^{-6} (1 in one million) to 10^{-4} (1 in 10,000). Summed carcinogenic risks higher than this range are considered unacceptable. For noncarcinogens, hazard quotients are summed to obtain a total hazard index; a hazard index of greater than 1 indicates a potential cause for concern.

G.2.5 Environmental Evaluation

The methodology followed for the environmental (ecological) evaluation has been presented in previous documents (Radian, 1992). Black-tailed jackrabbits (*Lepus californicus*) were selected as an

indicator species for the environmental evaluation; this species is described in the *29 Sites Risk Assessment Report.* The environmental evaluation at SWMU 231 examined the following issues:

- Contaminants of concern;
- Exposure characterization; and
- Risk characterization.

Each of the three issues are discussed in Section G.3. An environmental quotient (EQ) model for black-tailed jackrabbits was developed for SWMU 231. Appendix K in the *29 Sites Risk Assessment Report* (Radian, 1992) presents the methodology for estimating uptake by plants, intake by black-tailed jackrabbits, and calculation of the EQ.

A no observed average effects level (NOAEL) of 0.015 mg/kg for lead was used in the previous ecological risk assessments for similar sites at Holloman AFB (Radian, 1992). Inhibition of the enzyme delta-aminolevulinic acid dehydrase (ALAD), which regulates hemoglobin production, has proved to be a sensitive and reliable test for low lead levels (Dieter et al., 1976). ALAD inhibition has been accepted as a standard bioassay to detect lead exposure and poisoning in birds (Blus et al., 1991). The decrease of ALAD was the most significant change in the lead poisoning of rats (Demayo et al., 1982). A three-generation, six-litter reproduction study on rats at dietary lead concentrations of 0, 10, 50, 100, 1000, and 2000 ppm showed no effect on the number of pregnancies, number of pups born alive, fertility index, gestation index, viability index, or lactation index (Azar et al., 1973). Because inhibition of ALAD is correlated with toxic effects in many species, a NOAEL of 0.9 mg/kg in a test associated with decreased ALAD activity (Azar et al., 1973) is appropriate as a screening level, and was used in this risk assessment.

G.3 Results

No previous risk assessment was conducted for SWMU 231. This subsection contains the quantitative results of the risk assessment and the ecological assessment.

G.3.1 Sources and Receiving Media for SWMU 231 COCs

SWMU 231 is located on a dirt road off De Zonia Road, several hundred yards west of the Base equestrian facility. The site consists of a small incinerator (10 ft^2), a brick structure with a metal roof, a burner, and a 30- to 40-ft-tall stack. The site operated from 1955 to 1960, and was used to dispose of unconventional fuels used for the Aerobee sounding rocket, including aniline, xylidine, and furfuryl alcohol.

Several areas of purple stained soil were found near the incinerator. Five burial pits containing discarded drums and a variety of debris, including stainless steel equipment, are located northwest of the incinerator. The site is currently unused.

Releases to Air

Semivolatile compounds still entrained in the unsaturated zone soil may volatilize and eventually disperse into the air above the ground surface by simple diffusion. Contaminants in soil can be dispersed to receptors via entrainment in fugitive dust generated at the site.

Releases to Groundwater/Groundwater Migration

Contaminated groundwater occurs in a shallow unconfined aquifer beneath the site approximately 30 ft below ground level (bgl) in the silty sand deposits. Results of chemical analyses at SWMU 231 show that releases to the groundwater have already occurred and that contaminants are present in the groundwater beneath the site. It was determined in this investigation that groundwater in this area of the Base flows west-northwest toward Malone Draw.

Releases via Surface Runoff

There is no surface water drainage from the site. According to site reconnaissance, storm water pools in shallow depressions on the site either evaporates or infiltrates into the ground. The nearest surface water drainage is Rita's Draw, approximately 1 mile to the north.

Releases to Soil

Soil is the primary media affected by the release. Deposition of particles from air may have resulted in additional contamination.

G.3.2 Exposure Pathways

Potentially exposed populations consist of nearby workers, hypothetical future on-site construction workers, and occasional recreational receptors on site (the site is several hundred yards west of the Base equestrian center, and horses are known to be occasionally ridden through the site). Human exposure to contaminants originating from SWMU 231 may occur in areas close to and downwind from the site via inhalation of the ambient air. On-site exposure may occur through inhalation of ambient air, and dermal contact with and incidental ingestion of contaminated soils.

Figure G-1 depicts potential pathways for SWMU 231 contaminants to move from the point of release to the point of human exposure. Pathways that are not complete have been crossed out; footnotes summarize the rationale for considering the pathway incomplete. Pathways that are complete but judged insignificant are indicated with a dashed line. Potentially significant pathways that exist at the site are indicated with a bold, solid line. These are summarized in Table G-4 and include:

Nearby Workers

- Inhalation of semivolatile chemicals.
- Inhalation of fugitive dust.

On-Site Receptors (Horseback Riders and Hypothetical Future Construction Workers)

- Inhalation of semivolatile chemicals.
- Inhalation of fugitive dust.
- Skin contact with/incidental ingestion of contaminants.
- Incidental ingestion of contaminants.

These pathways are quantified in the risk assessment.

Summary of Exposure Pathways to be Quantified in This Assessment

Table G-4 identifies potentially exposed populations, exposure media, exposure points, and exposure routes for the complete pathways for SWMU 231. Also noted in this table are the decisions to select pathways for quantitative evaluation and the justification for including each pathway in the risk assessment.

Exposure Scenarios—Nearby workers (Air Force personnel working at nearby facilities), on-site hypothetical future construction workers, and on-site recreational receptors (horseback riders) represent the significant potentially exposed population. These individuals may be subject to subchronic (i.e., short-term) or chronic (i.e., long-term) exposure to site-related contaminants. Potential site releases are low level and relatively continuous in nature; nearby workers and horseback riders are not subject to subchronic (i.e., two-week to seven-year) exposures that are greater than chronic exposures. Therefore, subchronic exposures were not evaluated for these two scenarios.

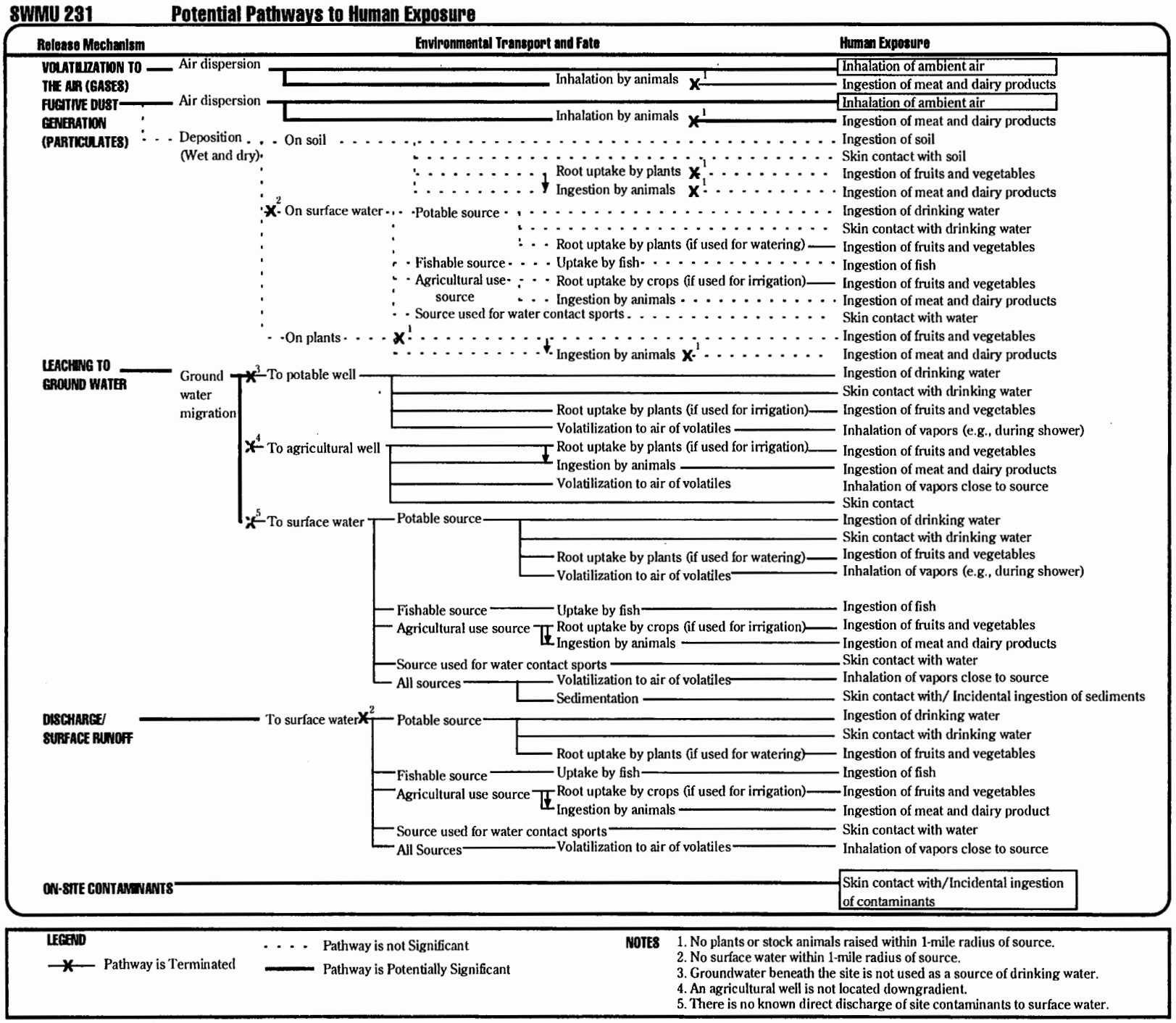

Figure G-1. Potential Pathway Human Exposure at SWMU 231

Chronic exposure scenarios are based on predicted future lifetime exposures, whereas subchronic exposure scenarios are based on exposure that occurs within two weeks to seven years. These scenarios assume exposure to contaminant levels predicted by modeled results at the nearest receptors. The three scenarios evaluated in the risk assessment, outlined in Table G-5, consist of the following:

- Current and Future Nearby Workers;
- Hypothetical Future On-Site Construction Workers; and
- Current On-Site Horseback Riders.

Current exposure scenarios are based on current surface soil concentrations, whereas future exposure scenarios use the highest of either surface or subsurface soil concentrations that may be brought to the surface by construction activities. Nearby workers and hypothetical future construction workers were evaluated using exposure scenarios and exposure parameters as described in Appendix D of the *29 Sites Risk Assessment Report* (Radian, 1992).

Recreational exposure was assessed because SWMU 231 is across the road from the Base equestrian center, and horseback riding across the site is known to occasionally occur. Exposure was assessed for adult and child horseback riders. The average rider rides two days per week, often to one of two favorite locations. The average ride lasts for two hours (Morris, 1995). For this assessment, a rider was assumed to ride across the site one day per week. For the average exposure, 0.25 hours per day on site was used, assuming that the rider simply rode across the site. For the reasonable maximum exposure, it was assumed that the rider spent one half of the two-hour ride on site. The reasonable maximum skin surface area available for contact was assumed to be the whole body, because during horseback riding under dry conditions, dust penetrates all clothing and contacts the entire body (Morris, 1995). A future horseback rider scenario was not assessed because future exposure concentrations will not be higher than current exposure concentrations. Exposure assumptions and parameters for the recreational exposure are presented in Tables G-6, G-7 and G-8.

Table G-4

Potentially Complete Exposure Pathway at SWMU 231

Exposure Route and Medium	Potentially Exposed Population	Pathway Selected For Evaluation	Reason for Selection or Exclusion
Inhalation of volatile chemicals in ambient air	• Workers located near the site; • Hypothetical future construction workers; and • Horseback riders.	Yes	Emissions of semivolatile chemicals can result in inhalation exposure of nearby workers, hypothetical future construction workers, and horseback riders.
Inhalation of fugitive dust in ambient air	• Workers located near the site; • Hypothetical future construction workers; and • Horseback riders.	Yes	Fugitive dust can disperse in the air resulting in inhalation exposure of nearby workers, hypothetical future construction workers, and horseback riders.
Ingestion of contaminated soil	• Hypothetical future construction workers; and • Horseback riders.	Yes	Hypothetical future construction workers and horseback riders may inadvertently ingest contaminated soil during on-site activities.
Dermal contact with contaminated soil	• Hypothetical future construction workers; and • Horseback riders.	Yes	Dermal contact with contaminated soil could occur as the result of on-site activities.
Deposition of fugitive dust on soil; ingestion and dermal contact with soil	• Workers located near the site; • Hypothetical future construction workers; and • Horseback riders.	No	Dermal contact with and ingestion of fugitive dust that is deposited is insignificant compared to contact with or ingestion of on-site soil.
Ingestion of contaminated groundwater	• Workers located near the site; • Hypothetical future construction workers; and • Horseback riders.	No	Groundwater is a nonpotable Class III B aquifer. No water supply wells are located on or near the Base.

Table G-5

Exposure Scenarios for SWMU 231

Description	Brief Rationale
Chronic Exposure	
Nearby workers • Adult, average • Adult, reasonable maximum Recreational (horseback riders) • Adult, average • Adult, reasonable maximum • Child, average • Child, reasonable maximum	Workers are located near the site and may be exposed to site contaminants. Both the average and reasonable maximum cases are based on measured and modeled results. The site is across the road from the Base equestrian center, and horseback riding across the site is known to occur. Both the average and reasonable maximum cases are based on measured and modeled results.
Subchronic Exposure	
Construction worker • Adult, average • Adult, reasonable maximum	Hypothetical future construction workers were assessed to represent a worst-case exposure scenario on-site. Both the average and reasonable maximum cases are based on measured and modeled results.

Table G-6
Potential Exposure from Inhalation of Ambient Air (Volatile Chemicals and Fugitive Dust)
Recreational Scenario at SWMU 231

Effective Air Concentration (EAC), (ug/m^3) = (CA x IRA x ET x EF x ED)/(IRD x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CA = Chemical Concentration in Ambient Air (ug/m^3)	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]
IRA = Inhalation Rate During Exposure (m^3/hr)	0.96 [b]	2.4 [c]	0.833 [d]	2.1 [e]
ET = Exposure Time (hours/day)	0.25 [f]	1 [g]	0.25 [f]	1 [g]
EF = Exposure Frequency (days/year)	52 [h]	52 [h]	52 [h]	52 [h]
ED = Exposure Duration (years)	9 [i]	9 [i]	9 [i]	30 [j]
IRD = Daily Inhalation Rate (m^3/hr)	0.96 [b]	0.96 [b]	0.833 [d]	0.833 [d]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [k]	3285 [k]	3285 [k]	10950 [k]
-Carcinogenic effects	25550 [l]	25550 [l]	25550 [l]	25550 [l]

[a] See text and tables in Attachment G.1 for concentrations in ambient air.
[b] Child, average for ages 8 through 17, prorated for activity levels (U.S. EPA, 1989b).
[c] Child, averaged for ages 8 through 17, moderate activity level (U.S. EPA, 1989b).
[d] Adult, average (20 m^3/day) (U.S. EPA, 1989b).
[e] Adult, moderate activity level (U.S. EPA, 1989b).
[f] Assumes riders ride through site without stopping.
[g] Assumes average ride of 2 hours (Morris, 1995), 1/2 of ride on-site.
[h] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[i] National median time (50th percentile) at one residence (U.S. EPA 1989b).
[j] National upper bound time--90th percentile--time at one residence (U.S. EPA 1989b).
[k] ED x 365 days/year.
[l] 70 years x 365 days/year.

Table G-7
Potential Exposure from Ingestion of Contaminated Soil
Recreactional Scenario at SWMU 231

Intake (mg/kg-day) = (CS x IR x CF x EF x ED)/(BW x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CS = Chemical Concentration in Soil (mg/kg)	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]
IR = Ingestion Rate (mg soil/day)	30 [b]	125 [b]	30 [b]	125 [b]
CF = Conversion Factor (kg/mg)	1E-06	1E-06	1E-06	1E-06
FI = Fraction Ingested from contaminated source (unitless)	1 [c]	1 [c]	1 [c]	1 [c]
EF = Exposure Frequency (days/year)	52 [d]	52 [d]	52 [d]	52 [d]
ED = Exposure Duration (years)	9 [e]	9 [e]	9 [e]	30 [f]
BW = Body Weight (kg)	49 [g]	49 [g]	70 [h]	70 [h]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [i]	3285 [i]	3285 [i]	10950 [i]
-Carcinogenic effects	25550 [j]	25550 [j]	25550 [j]	25550 [j]

[a] See tables in Attachment B.2 for concentrations in soil.
[b] Amount of soil consumed per day while participating in outdoor recreational activities, prorated for amount of time spent on site (0.25 hrs/day for average exposure, 1 hr/day for reasonable maximum exposure. Represents an upper-range ingestion rate for children (1000 mg/day) (U.S. EPA 1989b).
[c] Assumes 100% of soil consumption is from contaminated source.
[d] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[e] National median time (50th percentile) at one residence (U.S. EPA 1989b).
[f] National upper bound time--90th percentile--time at one residence (U.S. EPA 1989b).
[g] Body weight averaged for ages 8 through 17 (U.S. EPA, 1991).
[h] Body weight, adult, average (U.S. EPA 1989b).
[i] ED x 365 days/year.
[j] 70 years x 365 days/year.

Table G-8
Potential Exposure from Dermal Contact with Chemicals in Contaminated Soil
Recreational Scenario SWMU 231

Intake (mg/kg-day) = (CS x CF x SA x AF x ABS x EF x ED) / (BW x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CS = Chemical Concentration in Soil (mg/kg)	Chemical-Specific [a]	Chemical-Specific [a]	Chemical-Specific [a]	Chemical-Specific [a]
CF = Conversion Factor (kg/mg)	1E-06	1E-06	1E-06	1E-06
SA = Skin Surface Area Available for Contact (cm^2/event)	4620 [b]	13330 [c]	5300 [d]	19400 [e]
AF = Soil to Skin Adherence Factor (mg/cm^2)	2.77 [f]	2.77 [f]	2.77 [f]	2.77 [f]
ABS = Absorption Factor (unitless)	Chemical-Specific [g]	Chemical-Specific [g]	Chemical-Specific [g]	Chemical-Specific [g]
EF = Exposure Frequency (events/year)	52 [h]	52 [h]	52 [h]	52 [h]
ED = Exposure Duration (years)	9 [i]	9 [i]	9 [i]	30 [j]
BW = Body Weight (kg)	49 [k]	49 [k]	70 [l]	70 [l]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [m]	3285 [m]	3285 [m]	10950 [m]
-Carcinogenic effects	25550 [n]	25550 [n]	25550 [n]	25550 [n]

[a] See tables in Attachment B.2 for concentrations in soil.
[b] Child, averaged for ages 8 through 17 (means, skin surface areas for forearms, hands, lower legs, and head) (U.S. EPA 1989b).
[c] Child, averaged for ages 8 through 17 (means, whole body) (U.S. EPA 1989b); assumes whole body contact because during horseback riding under dry conditions, dust penetrates all clothing and contacts the entire body (Morris, 1995).
[d] Adult, average (mean skin surface area for forearms, hands, lower legs, and head) (U.S. EPA 1989b).
[e] Adult, average, whole body (U.S. EPA 1989b); assumes whole body contact because during horseback riding under dry conditions, dust penetrates all clothing and contacts the entire body (Morris, 1995).
[f] Kaolin clay (for hands) (U.S. EPA, 1989a).
[g] Chemical-specific absorption factors for organic and inorganic compounds.
[h] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[i] National median time (50th percentile) at one residence (U.S. EPA, 1989b).
[j] National upper bound--90th percentile--time at one residence (U.S. EPA, 1989b).
[k] Body weight averaged for ages 8 through 17 (U.S. EPA, 1989b).
[l] Body weight, adult average (U.S. EPA, 1989b).
[m] ED x 365 days/year.
[n] 70 years x 365 days/year.

G.3.3 Toxicity Assessment

Attachment G.3 presents toxicity values used in the risk assessment for the COCs with potential for human exposure at SWMU 231. Toxicity profiles are included in Attachment G.3 as well.

G.3.4 Risk Characterization

The following subsections describe the carcinogenic and noncarcinogenic risk characterization for the three exposure scenarios identified for SWMU 231:

- Nearby worker exposure;
- On-site hypothetical future construction worker exposure; and
- On-site horse-back riding scenario exposure.

G.3.4.1 Risk Characterization for the Nearby Worker Scenario

The only complete exposure pathways are the inhalation of semivolatile chemicals in ambient air and the inhalation of fugitive dust. Inhalation exposure concentrations were based on modeled air concentrations.

The average and reasonable maximum carcinogenic risk estimates for the present and future scenarios for nearby workers are 2E-13 and 3E-13, respectively. The average and reasonable maximum noncarcinogenic hazard indices for the present and future scenarios for nearby workers are 2E-06 and 3E-06, respectively. No difference was noted between the present and the future scenarios because the highest concentrations of all COCs were detected in the surface soil. The future scenario assumed exposure to subsurface COCs brought to the surface during construction activities, and the higher of the surface or subsurface soil concentrations of COCs were selected as exposure concentrations.

The carcinogenic and noncarcinogenic risk values resulting from nearby worker exposure are both below levels considered unacceptable. Therefore, adverse health effects are unlikely. Attachment G.4 contains the chemical- and pathway-specific risk estimates by exposure scenario.

G.3.4.2 Risk Characterization for the Hypothetical Future Construction Worker Scenario

Hypothetical future construction workers may be exposed via inhalation of semivolatiles, the inhalation of fugitive dust, dermal contact with soil, and incidental ingestion of soil. For this scenario,

exposure concentrations were based on measured concentrations in the soil and modeled concentrations in the air.

The average and reasonable maximum carcinogenic risk estimates for construction workers are 1E-07 and 2E-07, respectively. The average and reasonable maximum hazard indices are 0.3 and 0.5, respectively. The carcinogenic and noncarcinogenic risk values resulting from hypothetical future construction worker exposure are below levels considered unacceptable. Therefore, adverse health effects are unlikely. Attachment G.4 contains the chemical- and pathway-specific risk estimates by exposure scenario.

G.3.4.3 Risk Characterization for the On-Site Horseback Riding Scenario

Horseback riders may be exposed to site contaminants via the same pathways as construction workers. For this scenario, exposure concentrations were based on measured concentrations in the soil and modeled wind-blown concentrations in the air.

The average and reasonable maximum carcinogenic risk estimates for children are 2E-07 and 9E-07, respectively. These values are within the range considered acceptable. The average and reasonable maximum carcinogenic risk estimates for adults are 2E-07 and 3E-06, respectively. These values are within the Superfund target risk range (10^{-6} to 10^{-4}).

The average and reasonable maximum hazard indices for children are 0.04 and 0.2, respectively. The average and reasonable maximum hazard indices for adults are 0.03 and 0.2, respectively. The noncarcinogenic risk values resulting from on-site recreational exposure are below levels considered unacceptable, indicating that adverse health effects are unlikely. Attachment G.4 contains the chemical- and pathway-specific risk estimates by exposure scenario.

G.3.4.4 Uncertainties

The background comparison was conducted by a means comparison. Arsenic is significantly higher than Base-wide background means, but the maximum detected values in surface soil and subsurface soil were both below the Base-wide background upper tolerance limit (UTL). Arsenic was eliminated as a COC because it is present at the site at background concentrations.

General uncertainties associated with the selection of COCs, the exposure assessment, and the toxicity assessment are discussed in the *29 Site Risk Assessment Report* (Radian, 1992).

G.3.5 Ecological Assessment for SWMU 231

Black-tailed jackrabbits (*Lepus californicus*) were selected as an indicator species for the environmental evaluation as described in Appendix K of the *29 Site Risk Assessment Report* (Radian, 1992). Methodology followed for the ecological assessment is presented in that reference.

G.3.5.1 Contaminants of Potential Ecological Concern (COPECs)

All soil and groundwater contaminants detected at SWMU 231 were included as COPECs for the ecological assessment, with the exception of total recoverable petroleum hydrocarbons (TRPH). COPECs are presented in Table G-9 for plant uptake and jackrabbit intake, respectively.

G.3.5.2 Exposure Characterization

Jackrabbit exposure to the COPECs at SWMU 231 is possible through ingestion of contaminated soils, dermal contact with contaminated soils, inhalation of volatiles and fugitive dust released to the air, and ingestion of plants that have taken up contaminants from contaminated media. The primary routes of exposure for black-tailed jackrabbits are ingestion of contaminated plants and soils. These were the only pathways quantified. Although other routes of exposure contribute to the risk, this contribution is expected to be minimal compared with the risk from ingestion.

G.3.5.3 Risk Characterization

Risks to a non-human biological organism are presented in terms of the total EQ for that organism. An EQ of less than 1 indicates a low probability of impacts, an EQ of 1.0 to 10 indicates that there is a possibility of adverse ecological effects, and an EQ greater than 10 indicates that it is probable that adverse ecological effects will occur (Watkin and Stelljes, 1993). The EQ for black-tailed jackrabbits at SWMU 231 is 1.3. This risk is driven by the ingestion of aluminum with an EQ of 0.8. The EQ indicates that there is a possibility of adverse effects from COPECs at SWMU 231. Calculated plant and soil intake and EQs are presented in Table G-9.

Uncertainties

General uncertainties associated with the ecological assessment are presented in the *29 Sites Risk Assessment Report* (Radian, 1992). Metals were detected above the background UTLs and include aluminum, manganese, potassium, iron, and zinc. These metals are not typical constituents of unconventional fuels, which are the contaminants at the site; therefore the elevated metals concentrations may be due to naturally occurring concentrations.

Table G-9
Intake By Lepus californicus (As a Result of Plant and Soil Ingestion) and Ecological Risk Characterization for SWMU 231

IN = (B)[(FIf)(Cdr)(IRdr)+(Fif)(Csr)(IRsr)+(FIs)(Cs)(IRs)]/BW
where: IN = Intake of contaminants of concern (mg/kg-day)
B = Fraction of contaminant in feed which is bioavailable (unitless)
FIf = Fraction ingested of food (feed) from contaminanted source (unitless)
Cdr = Chemical concentration in deep-rooted plants (mg/kg)
Csr = Chemical concentration in shallow-rooted plants (mg/kg)
IRdr = Ingestion rate deep rooted plants (kg/day)
IRsr = Ingestion rate for shallow rooted plants (kg/day)
FIs = Fraction of soil ingested from contaminanted source (unitless)
Cs = Chemical concentration in soil (mg/kg)
IRs = Ingestion rate for soil (kg/day)
BW = 2.75 kg for black-tailed jackrabbit (Lepus californicus)

Chemical	B	FIf	Cdr (mg/kg)	IRdr (kg/day)	FIf	Csr (mg/kg)	IRsr (kg/day)	FIs	Cs (mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-	Ecological Quotient
Surface Soil Contaminants													
Aluminum	1.0	1.0	0.00E+00	0.0091	1.0	9.26E+00	0.0819	1.0	1.03E+04	0.004	1.52E+01	1.90E+01	8.02E-01
Antimony	1.0	1.0	0.00E+00	0.0091	1.0	9.02E-03	0.0819	1.0	2.05E-01	0.004	5.67E-04	3.50E-01	1.62E-03
Barium	1.0	1.0	0.00E+00	0.0091	1.0	2.81E+00	0.0819	1.0	8.50E+01	0.004	2.07E-01	7.00E-01	2.96E-01
Beryllium	1.0	1.0	0.00E+00	0.0091	1.0	1.35E-03	0.0819	1.0	6.12E-01	0.004	9.30E-04	6.20E-01	1.50E-03
Cadmium	1.0	1.0	0.00E+00	0.0091	1.0	8.99E-02	0.0819	1.0	7.43E-01	0.004	3.76E-03	3.00E-02	1.25E-01
Chromium	1.0	1.0	0.00E+00	0.0091	1.0	1.42E-02	0.0819	1.0	8.38E+00	0.004	1.26E-02	2.40E+00	5.26E-03
Cobalt	1.0	1.0	0.00E+00	0.0091	1.0	1.70E-02	0.0819	1.0	3.86E+00	0.004	6.12E-03	5.00E+00	1.22E-03
Copper	1.0	1.0	0.00E+00	0.0091	1.0	7.69E-01	0.0819	1.0	8.74E+00	0.004	3.56E-02	7.90E+00	4.51E-03
Iron	1.0	1.0	0.00E+00	0.0091	1.0	8.42E+00	0.0819	1.0	9.35E+03	0.004	1.39E+01	NA	
Magnesium	1.0	1.0	0.00E+00	0.0091	1.0	1.87E+03	0.0819	1.0	8.51E+03	0.004	6.81E+01	NA	
Manganese	1.0	1.0	0.00E+00	0.0091	1.0	1.27E+01	0.0819	1.0	2.31E+02	0.004	7.14E-01	1.50E+03	4.76E-04
Nickel	1.0	1.0	0.00E+00	0.0091	1.0	9.42E-02	0.0819	1.0	7.14E+00	0.004	1.32E-02	5.00E+00	2.64E-03
Potassium	1.0	1.0	0.00E+00	0.0091	1.0	7.11E+02	0.0819	1.0	3.23E+03	0.004	2.59E+01	NA	
Selenium	1.0	1.0	0.00E+00	0.0091	1.0	9.52E-03	0.0819	1.0	1.73E+00	0.004	2.80E-03	3.16E+01	8.86E-05
Thallium	1.0	1.0	0.00E+00	0.0091	1.0	4.31E-03	0.0819	1.0	4.79E+00	0.004	7.10E-03	2.00E-01	3.55E-02
Vanadium	1.0	1.0	0.00E+00	0.0091	1.0	1.62E-02	0.0819	1.0	1.35E+01	0.004	2.01E-02	7.00E-01	2.87E-02
Zinc	1.0	1.0	0.00E+00	0.0091	1.0	9.54E+00	0.0819	1.0	2.89E+01	0.004	3.26E-01	5.50E+01	5.93E-03

Table G-9
(Continued)

Chemical	B	FIf	Cdr (mg/kg)	IRdr (kg/day)	FIf	Csr (mg/kg)	IRsr (kg/day)	FIs	(mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-day)	Ecological Quotient
Surface Soil Contaminants (continued)													
2,3/2,4-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.95E-01	0.004	1.45E-03	7.80E+01	1.86E-05
2,5-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	1.00E+00	0.004	1.45E-03	2.16E+02	6.73E-06
2,6-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	2.50E-02	0.004	3.64E-05	1.40E+02	2.60E-07
3,4-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.00E-02	0.004	1.31E-04	1.20E+02	1.09E-06
3,5-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	1.37E-01	0.004	1.99E-04	1.18E+02	1.69E-06
Aniline	1.0	1.0	0.00E+00	0.0091	1.0	7.50E-03	0.0819	1.0	7.50E-03	0.004	2.34E-04	7.30E+01	3.21E-06
Chlorobenzene	1.0	1.0	0.00E+00	0.0091	1.0	3.89E-04	0.0819	1.0	2.00E-03	0.004	1.45E-05	6.00E+01	2.42E-07
Ethyl benzene	1.0	1.0	0.00E+00	0.0091	1.0	3.86E-04	0.0819	1.0	3.00E-03	0.004	1.59E-05	9.71E+01	1.63E-07
Furfuryl Alcohol	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.50E-02	0.004	1.38E-04	4.58E+01	3.02E-06
Methylene chloride	1.0	1.0	0.00E+00	0.0091	1.0	1.60E-02	0.0819	1.0	1.60E-02	0.004	5.00E-04	5.85E+00	8.54E-05
Toluene	1.0	1.0	0.00E+00	0.0091	1.0	4.28E-03	0.0819	1.0	1.80E-02	0.004	1.53E-04	2.23E+02	6.88E-07
Xylenes	1.0	1.0	0.00E+00	0.0091	1.0	2.56E-03	0.0819	1.0	2.30E-02	0.004	1.10E-04	1.79E+02	6.12E-07
Subsurface Soil Contaminants													
Aluminum	1.0	1.0	5.18E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.72E-02	1.90E+01	9.03E-04
Antimony	1.0	1.0	7.79E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.58E-05	3.50E-01	7.36E-05
Arsenic	1.0	1.0	1.09E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.61E-05	7.00E-01	5.16E-05
Barium	1.0	1.0	1.91E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.32E-03	7.00E-01	9.03E-03
Beryllium	1.0	1.0	7.72E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.56E-06	6.20E-01	4.12E-06
Cadmium	1.0	1.0	8.71E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.88E-04	3.00E-02	9.61E-03
Chromium	1.0	1.0	8.82E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.92E-05	2.40E+00	1.22E-05
Cobalt	1.0	1.0	8.27E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.74E-05	5.00E+00	5.47E-06
Iron	1.0	1.0	5.60E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.85E-02	NA	
Lead	1.0	1.0	5.33E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.76E-04	9.00E-01	1.96E-04
Manganese	1.0	1.0	6.71E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.22E-02	1.50E+03	1.48E-05
Nickel	1.0	1.0	5.46E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.81E-04	5.00E+00	3.62E-05
Selenium	1.0	1.0	4.64E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.54E-05	3.16E+01	4.86E-07
Silver	1.0	1.0	5.52E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.83E-04	1.81E+01	1.01E-05
Vanadium	1.0	1.0	1.31E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.33E-05	7.00E-01	6.18E-05
Zinc	1.0	1.0	6.27E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.07E-02	5.50E+01	3.77E-04
2,4-Dimethylphenol	1.0	1.0	2.38E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	7.88E-05	NA	
2-Methylnaphthalene	1.0	1.0	2.66E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	8.80E-05	2.72E+02	3.24E-07

Table G-9
(Continued)

Chemical	B	FIf	Cdr (mg/kg)	IRdr (kg/day)	FIf	Csr (mg/kg)	IRsr (kg/day)	FIs	Cs (mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-day)	Ecological Quotient
Subsurface Soil Contaminants (continued)													
Aniline	1.0	1.0	1.20E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.97E-05	7.30E+01	5.44E-07
Chlorobenzene	1.0	1.0	3.89E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.29E-06	6.00E+01	2.15E-08
Methylene chloride	1.0	1.0	3.00E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	9.93E-06	5.85E+00	1.70E-06
Naphthalene	1.0	1.0	1.78E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	5.88E-05	4.50E+02	1.31E-07
Toluene	1.0	1.0	1.95E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.44E-06	2.23E+02	2.89E-08
Xylenes	1.0	1.0	9.34E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.09E-06	1.79E+02	1.73E-08
Groundwater Contaminants													
Aluminum	1.0	1.0	1.34E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.44E-06	1.90E+01	2.34E-07
Arsenic	1.0	1.0	1.76E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	5.82E-08	7.00E-01	8.32E-08
Calcium	1.0	1.0	7.67E+02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.54E+00	NA	
Chromium	1.0	1.0	2.04E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.75E-08	2.40E+00	2.81E-08
Cobalt	1.0	1.0	3.08E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.02E-07	5.00E+00	2.04E-08
Copper	1.0	1.0	1.08E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.58E-05	7.90E+00	4.53E-06
Iron	1.0	1.0	1.02E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.37E-06	NA	
Lead	1.0	1.0	5.45E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.80E-07	9.00E-01	2.00E-07
Magnesium	1.0	1.0	1.30E+02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.32E-01	NA	
Manganese	1.0	1.0	7.15E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.37E-05	1.50E+03	1.58E-08
Potassium	1.0	1.0	1.96E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.49E-03	NA	
Selenium	1.0	1.0	4.76E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.58E-07	3.16E+01	4.99E-09
Sodium	1.0	1.0	3.23E+01	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.07E-01	NA	
Chloroform	1.0	1.0	1.24E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.10E-07	2.60E+00	1.58E-07
N-Nitrosodimethylamine	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	0.00E+00	4.60E+00	0.00E+00
Tetrachloroethene	1.0	1.0	2.23E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	7.39E-06	1.40E+01	5.28E-07
Trichloroethene	1.0	1.0	1.91E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.32E-07	5.00E+01	1.26E-08
												Total EQ	1.33E+00

G.4 References

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Attachment G.1

Risk-Based Screening Methodology and Results

G1.1 Risk-Based Screening for the Selection of Chemicals of Concern

The determination of COPCs was described in detail in Appendix B. COPCs were determined by comparing the site results to blank concentrations. For inorganics, the site results were compared to mean background concentrations as well. After the determination of COPCs through statistical analysis, the chemicals of concern (COCs) are selected by screening maximum soil and water concentrations against EPA Region III screening guidance. The risk-based concentrations (RBCs) were derived using the screening guidance. Concentrations that are above RBCs (action levels) are retained as COCs for the site. A comparison of site results to the background UTL was conducted to further refine the chemicals of concern to evaluate in the risk assessments. The following text outlines the guidance and explains the screening process.

G1.1.1 Region III Guidance

The EPA Region III technical manual for risk assessment, *Selecting Exposure Routes and Contaminants of Concern by Risk-Based Screening* (U.S. EPA, 1993) presents a new methodology that uses an absolute comparison of risk rather than the relative concentration toxicity screen outlined in the *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, Part A* (U.S. EPA, 1989) to select contaminants. The new guidance provides risk-based concentrations for 600 contaminants in air, drinking water, fish, and soil that correspond to a lifetime cancer risk of 1 x 10^{-6} or systemic hazard quotient of 0.1. The risk-based values are based on exposure algorithms developed by EPA (1991) and current toxicity values from IRIS and HEAST. Algorithms used in the risk-based screen address exposures from ingestion of contaminants found in residential soils. This algorithm is presented in Table G.1-1.

Algorithms and exposure factors in the Region III guidance are incorporated into a relational database model that calculates risk-based water and soil concentrations using an allowable cancer risk of 10^{-6}. For systemic toxicants, the model calculates risk-based concentrations using a hazard quotient of 0.1. Subsequently, the Region III screening process is applied.

G1.1.2 Steps Used in the Screening Process

The steps used in the screening process that are incorporated in the spreadsheet model are outlined below:

- Maximum detected concentrations for each contaminant are identified and compared with the risk-based concentrations for each medium.

Table G.1-1
EPA Region III Screening Algorithms for Residential Soils

[a]Carcinogens:

$$C\ (mg/Kg) = \frac{Risk \times 365\ days/yr \times ATc}{EF \times \frac{IFSadj}{10^6\ mg/kg} \times SFo}$$

[b]Non-Carcinogens:

$$C\ (mg/Kg) = \frac{HQ \times RfDo \times BWc \times 365\ days/yr \times ATn}{EF \times EDc \times \frac{IRSc}{10^6\ mg/kg}}$$

Exposure Variables:

C	=	Risk-Based Concentration (mg/kg)
Risk	=	Target Cancer Risk (unitless): 10^{-6}
ATc	=	Averaging Time Carcinogens (y): 70
EF	=	Exposure Frequency (d/y): 350
IFSadj	=	Soil Ingestion Factor, Age Adjusted (mg-y/kg-d): 114.29
EDc	=	Exposure Duration, age 1-6 (y): 6
SFo	=	Chemical-Specific Oral Slope Factor $(mg/kg\text{-}day)^{-1}$
HQ	=	Target Hazard Quotient (unitless): 0.1
RfDo	=	Chemical-Specific Oral Reference Dose (mg/kg/d)
BWc	=	Body Weight, Age 1-6 (kg): 15
ATn	=	Averaging Time Non-Carcinogens (y): 6
IRSc	=	Soil Ingestion, Age 1-6 (mg/d): 200

[a] Carcinogenic calculations are based on combined child and adult exposure.
[b] Non-carcinogenic calculations are based on childhood exposure only.

Equations from:
EPA Region III, 1994. Risk-Based Concentration Table, Fourth Quarter 1994. Hazardous Waste Management Division, Office of Superfund Programs, Philadelphia, PA. April 1994.

- In cases where the maximum concentration exceeds the risk-based concentration, the contaminant is retained for inclusion in all exposure routes involving that medium. Otherwise the contaminant is eliminated from that medium.

- If a given contaminant does not exceed the risk-based concentration for any medium, then the contaminant is eliminated from the assessment.

All contaminants and/or media eliminated by this process are kept on a separate list to be considered for re-inclusion in the assessment. Reasons for re-inclusion include historical information, exceptional toxicity, mobility, persistence, special exposure routes, or treatability problems.

G1.2 Risk-Based Screen Results

The results are presented in Tables G.1-2 and G.1-3 for surface and subsurface soils, respectively. The chemicals of concern are indicated.

Table G.1-2
SWMU 231 Risk-Based Screening Results for Surface Soil

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Facto (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Thallium	7440-28-0	8.00E-05	0.00E+00	1.40E+01	6.26E-01	2.24E+01	YES
Beryllium	7440-41-7	5.00E-03	4.30E+00	9.50E-01	1.49E-01	6.40E+00	YES
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.30E+00	3.65E-01	6.30E+00	YES
2,5-Dimethylaniline	95-68-1	0.00E+00	7.50E-01	4.69E+00	8.52E-01	5.51E+00	YES
2,3/2,4-Dimethylaniline	95-68-1	0.00E+00	7.50E-01	4.64E+00	8.52E-01	5.45E+00	YES
3,5-Dimethylaniline	95-68-1	0.00E+00	7.50E-01	6.28E-01	8.52E-01	7.37E-01	NO
Aluminum	7429-90-5	2.90E+00	0.00E+00	1.40E+04	2.27E+04	6.17E-01	NO
3,4-Dimethylaniline	95-68-1	0.00E+00	7.50E-01	4.16E-01	8.52E-01	4.88E-01	NO
Vanadium	7440-62-2	7.00E-03	0.00E+00	1.90E+01	5.48E+01	3.47E-01	NO
Manganese (food)	7439-96-5F	1.40E-01	0.00E+00	3.45E+02	1.10E+03	3.15E-01	NO
Barium	7440-39-3	7.00E-02	0.00E+00	1.08E+02	5.48E+02	1.97E-01	NO
2,6-Dimethylaniline	95-68-1	0.00E+00	7.50E-01	1.10E-01	8.52E-01	1.29E-01	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	3.20E-01	3.91E+00	8.18E-02	NO
Antimony	7440-36-0	4.00E-04	0.00E+00	2.50E-01	3.13E+00	7.99E-02	NO
Selenium	7782-49-2	5.00E-03	0.00E+00	3.00E+00	3.91E+01	7.67E-02	NO
Nickel	7440-02-0	2.00E-02	0.00E+00	1.08E+01	1.56E+02	6.90E-02	NO
Copper	7440-50-8	3.70E-02	0.00E+00	1.28E+01	2.89E+02	4.42E-02	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	4.01E+01	2.35E+03	1.71E-02	NO
Cobalt	7440-48-4	6.00E-02	0.00E+00	5.60E+00	4.69E+02	1.19E-02	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	1.20E+01	7.82E+03	1.53E-03	NO
Aniline	62-53-3	0.00E+00	5.70E-03	1.86E-02	1.12E+02	1.70E-04	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	1.30E-02	8.52E+01	1.50E-04	NO
Toluene	108-88-3	2.00E-01	0.00E+00	1.50E-02	1.56E+03	1.00E-05	NO
Chlorobenzene	108-90-7	2.00E-02	0.00E+00	1.60E-03	1.56E+02	1.00E-05	NO
Xylenes	1330-20-7	2.00E+00	0.00E+00	9.70E-03	1.56E+04	0.00E+00	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	1.80E-02	1.56E+04	0.00E+00	NO
Potassium	7440-09-7	0.00E+00	0.00E+00	4.63E+03	0.00E+00	0.00E+00	NV
Magnesium	7439-95-4	0.00E+00	0.00E+00	1.23E+04	0.00E+00	0.00E+00	NV
Iron	7439-89-6	0.00E+00	0.00E+00	1.32E+04	0.00E+00	0.00E+00	NV
Furfuryl Alcohol		0.00E+00	0.00E+00	4.28E-01	0.00E+00	0.00E+00	NV
Ethyl benzene	100-41-4	1.00E-01	0.00E+00	2.20E-03	7.82E+02	0.00E+00	NO
Diesel		0.00E+00	0.00E+00	1.20E+03	0.00E+00	0.00E+00	NV

Table G.2-2
SWMU 231 Risk-Based Screening Results for Subsurface Soil

Chemical Name	CAS #	Oral RfD (mg/kg/day)	Oral Slope Factor (kg*d/mg)	Maximum Concentration (mg/kg)	EPA Reg III Residential RBC (mg/kg)	Regulatory Ratio	Exceeds Acceptable Risk Levels?
Arsenic	7440-38-2	3.00E-04	1.75E+00	2.60E+00	3.65E-01	7.12E+00	YES
Beryllium	7440-41-7	5.00E-03	4.30E+00	6.20E-01	1.49E-01	4.17E+00	YES
Aluminum	7429-90-5	2.90E+00	0.00E+00	1.16E+04	2.27E+04	5.11E-01	NO
Vanadium	7440-62-2	7.00E-03	0.00E+00	2.29E+01	5.48E+01	4.18E-01	NO
Manganese (food)	7439-96-5F	1.40E-01	0.00E+00	2.68E+02	1.10E+03	2.45E-01	NO
Barium	7440-39-3	7.00E-02	0.00E+00	1.06E+02	5.48E+02	1.94E-01	NO
Antimony	7440-36-0	4.00E-04	0.00E+00	3.00E-01	3.13E+00	9.59E-02	NO
Selenium	7782-49-2	5.00E-03	0.00E+00	2.40E+00	3.91E+01	6.14E-02	NO
Nickel	7440-02-0	2.00E-02	0.00E+00	9.50E+00	1.56E+02	6.07E-02	NO
Diesel	68334-30-5	8.00E-03	0.00E+00	3.50E+00	6.26E+01	5.59E-02	NO
Silver	7440-22-4	5.00E-03	0.00E+00	1.30E+00	3.91E+01	3.32E-02	NO
Lead	7439-92-1	0.00E+00	1.75E-03	9.40E+00	3.65E+02	2.58E-02	NO
Zinc	7440-66-6	3.00E-01	0.00E+00	4.88E+01	2.35E+03	2.08E-02	NO
Cobalt	7440-48-4	6.00E-02	0.00E+00	4.10E+00	4.69E+02	8.74E-03	NO
Cadmium (food)	7440-43-9F	5.00E-04	0.00E+00	2.20E-02	3.91E+00	5.63E-03	NO
Naphthalene	91-20-3	4.00E-02	0.00E+00	1.50E+00	3.13E+02	4.79E-03	NO
Chromium	16065-83-1	1.00E+00	0.00E+00	1.13E+01	7.82E+03	1.44E-03	NO
Aniline	62-53-3	0.00E+00	5.70E-03	8.30E-02	1.12E+02	7.40E-04	NO
2,4-Dimethylphenol	105-67-9	2.00E-02	0.00E+00	6.90E-02	1.56E+02	4.40E-04	NO
Methylene chloride	75-09-2	6.00E-02	7.50E-03	2.80E-03	8.52E+01	3.00E-05	NO
Chlorobenzene	108-90-7	2.00E-02	0.00E+00	1.70E-03	1.56E+02	1.00E-05	NO
Total xylenes	1330-20-7	2.00E+00	0.00E+00	6.70E-03	1.56E+04	0.00E+00	NO
Toluene	108-88-3	2.00E-01	0.00E+00	6.90E-03	1.56E+03	0.00E+00	NO
Potassium	7440-09-7	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	NV
Iron	7439-89-6	0.00E+00	0.00E+00	1.51E+04	0.00E+00	0.00E+00	NV
2-Methylnaphthalene	91-57-6	0.00E+00	0.00E+00	4.10E+00	0.00E+00	0.00E+00	NV

Attachment G.2

Air Emissions Methodology

G2.1 Introduction

Emission rates of chemical compounds due to volatilization and wind entrainment of contaminated dust were determined for SWMU 231 at the Holloman Air Force Base (AFB). Emissions were estimated using predictive equations as recommended by the U.S. Environmental Protection Agency (EPA). The emission rates were then input into EPA-approved air quality dispersion models to estimate the average chemical concentrations in the atmosphere at on-site and occupational offsite receptor locations. The predicted concentrations were used to estimate health risks to exposed populations. This attachment presents the methodology used to calculate the emissions and perform the dispersion modeling and reports the results. The methodology is similar to that previously used for Holloman risk assessment modeling. Section 2 presents the emission estimation procedures and Section 3 presents the air quality dispersion modeling analyses.

G2.2 Emission Estimates

Emission rates of detected chemicals at SWMU 231 were calculated using emission rate equations applicable to various emission mechanisms. The various types of mechanisms considered included:

- Volatilization of organic compounds from near-surface soil contamination (contamination found between 0 and 2 ft below the soil surface);
- Volatilization of organic compounds from wastes buried below the soil surface (contamination found below the 2 ft depth); and
- Wind entrainment of contaminated surface soil (surface contamination; 0 to 2 ft).

The volatility of organic compounds found in the soil samples was determined in accordance with guidance provided in the EPA document, *Risk Assessment Guidance for Superfund: Volume 1* (1989), (i.e., chemicals with Henry's Law constants of 1×10^{-5} atm-m^3/mole or greater and molecular weights of 200 g/mole). Compounds determined as "volatile" were evaluated for the various volatilization emission mechanisms. The remaining compounds were considered non-volatile and were evaluated for the various entrained dust emission mechanisms.

G2.2.1 Volatilization from Surface Contamination

The estimation of emission rates due to volatilization from open landfills (i.e., open dump) was based on the method of Shen (1981) which incorporates Arnold's equation (Arnold, 1944) and Ziegler's modification (Ziegler, 1979). This equation was determined to be the most applicable equation to estimate emissions of volatile compounds detected at or near the surface (0 to 2 ft) of the studied sites.

The equation, shown below, was used to calculate the emissions of surface-detected volatiles.

$$E_i = \frac{2C_e w}{A}\sqrt{\left(\frac{DLv}{\pi F_v}\right)}\left(\frac{W_i}{W}\right)P_i$$

where: E_i = emission rate (g/m^2-sec)

C_e = equilibrium vapor pressure (fraction)

L = length of open dump (cms)

D = diffusion coefficient (cm^2/sec)

v = wind speed (cms/sec)

F_v = correction factor = C_e (-0.848) + 1.0635

W_i/W = weight % of component I in bulk waste (g/g)

w = width of open dump (cms)

A = area of open dump (m^2)

P_i = gas density of component I

The annual average wind speed (v) for the Holloman AFB area used in the above equation is 2.57 m/sec. The weight fraction (W_i/W) of each volatile compound used in the above equation was the average concentration measured at the site. Contaminants detected between 0 and 2 ft below the soil surface were considered as surface contaminants. All other input parameters were either site-specific and based on site characteristics or compound-specific and based upon values found in the literature.

The physical properties of the site are listed in Table G.2-1. The chemical properties and average concentrations of all compounds are shown in Table G.2-2.

Table G.2-1

SWMU 231 Site Characteristics

Source	Length (m)	Width (m)	Area (m^2)	Vegetative Cover (%)	Porosity	Erodibility	Silt Content (%)
Waste Area A	40	6	240	30	0.4	180	30
Waste Area B	50	6	300				
Waste Area C	6	6	36				
Waste Area D	6	6	36				
Waste Area E	9	5	45				
Incinerator Area	126	84	10,584				

Table G.2-2

Emission Characteristics for Contaminants at SWMU 231

Type	Chemicals	Volatility*	MW	VP	Diff.Coeff	Top (ft)	Bottom (ft)	Site Average Concentration (mg/kg)
Metals	Aluminum	N				0	2	8571.000
	Arsenic	N				0	2	1.650
	Barium	N				0	2	74.510
	Beryllium	N				0	2	0.492
	Manganese	N				0	2	182.300
	Thallium	N				0	2	2.316
	Vanadium	N				0	2	11.200
Organics	2,3/2,4-Dimethylaniline	V	121.18	0.788	0.153	0	2	0.359
	2,5-Dimethylaniline	V	121.18	0.788	0.153	0	2	0.363
	2,6-Dimethylaniline	V	121.18	0.788	0.153	0	2	0.009
	3,4-Dimethylaniline	V	121.18	0.788	0.153	0	2	0.034
	3,5-Dimethylaniline	V	121.18	0.788	0.153	0	2	0.051
	Diesel (Naphthalene)	V	128	0.252	0.0724	0	2	487.333
Metals	Aluminum	N				2	4	4761.259
	Arsenic	N				2	4	1.014
	Barium	N				2	4	50.652
	Beryllium	N				2	4	0.347
	Manganese	N				2	4	99.681
	Thallium	N				2	4	2.045
	Vanadium	N				2	4	9.124

* Based upon Henry's Law constant and molecular weight; V = volatile, N = non-volatile.

G2.2.2 Volatilization of Buried Waste

The Shen equation was also used to estimate emissions from buried wastes, defined as soil contamination below a depth of 2 feet. The Shen equation was derived from Fick's Law for steady-state diffusion and is given as:

$$E_i = D_i C_s A P_t^{\frac{4}{3}} \frac{W_i}{L}$$

where: E_i = emission rate (g/sec)

D_i = diffusion coefficient (cm^2/sec);

C_s = saturation vapor concentration of component I (g/cm^3)

A = area of open dump (cm^2)

P_t = soil porosity (dimensionless)

W_i = weight % of component I in bulk waste (g/g)

L = effective depth of soil cover (cms)

Because site-specific data were not available, site characteristics including soil porosity were based upon the physical characteristics of Site 36. These site values were assumed constant over the entire depth of contamination. The weight percent (W_i) of each compound used in the above equation was the average concentration measured at the site. A minimum depth of cover (L) of 2 ft was assumed for all buried wastes, since contamination detected between 0 and 2 ft was considered surface contamination.

G2.2.3 Wind Blown Dust

Non-volatile organics and metals can enter the atmosphere through wind erosion and entrainment of contaminated surface soil. The wind-blown dust equation (Bohn et al., 1978), shown below, was used to calculate the total dust emissions.

$$E = 3400 \frac{\frac{e}{50} \times \frac{s}{15} \times \frac{f}{25}}{\left(\frac{P-E}{50}\right)^2} \times (1 - VC)$$

where: E = emission rate (lb/acre-yr)

e = surface erodibility

s = silt content

f = percentage of time wind exceeds 12 mph (12%)

P-E = Thornthwaite's Precipitation-Evaporation Index (19 for Holloman AFB area)

VC = vegetative cover (fraction)

The emission rate of each non-volatile chemical was then calculated by multiplying the dust emission rate by the average measured concentration of the chemical in the surface soil (0 to 2 ft). The site characteristics were determined from those at Site 36 (Table G.2-1). The emission characteristics of each chemical associated with wind-blown dust is shown in Table G.2-2.

G2.2.4 Current Versus Future Emissions

Emissions characterizing those expected from current activity at the site were determined from the average and upper contaminant levels (UCL) found in the surface soil layers (0 to 2 ft). Emissions from both volatilization and wind blown dust for those depths were used to determine current concentrations. Emissions characterizing future scenarios were developed from the average and UCL contaminant levels found in subsurface soils (2 to 4 ft). These values were used to determine potential concentrations occurring from currently buried soil contamination.

G2.3 Modeling Methodology

The dispersion modeling was performed in accordance with guidance provided in the EPA document *Guideline on Air Quality Models (Revised)*. Two modeling approaches were used to predict air pathway transport of contaminants and resulting ambient concentrations; the simplistic box model and the Industrial Source Complex Long-Term (ISCLT) dispersion model (version 93109).

G2.3.1 Box Model

To assess potential contaminant concentrations within the area sources (on-site receptors) the box model was used. The box model conservatively predicts concentrations of both volatilized and wind-blown material which may affect on-site workers. Model assumptions equate the flux of material with the pollutant specific emission factor, the dimensions of the site, and the average wind speed. This approach is

consistent with that presented in *Risk Assessment Guidance for Superfund* (U.S. EPA, 1989). The governing equation can be written as:

$$\text{Conc} = \frac{EF \times A}{V \times DH \times LS}$$

where: EF = the pollutant specific emission factor (g/m^2-sec)

A = the area of the site (m^2)

V = the average wind speed (2.57 m/sec)

DH = height of the box (2 m)

LS = length of the box (m)

G2.3.2 ISCLT Model

Because of the need to predict the potential contaminant concentrations at receptors located beyond the areas of contamination, the ISCLT model was used. The ISCLT model was used in previous risk assessment modeling for the Holloman AFB. The model is a steady-state Gaussian plume model which calculates ground-level concentrations for an annual averaging period from different types of sources, including area sources. The regulatory default options were selected in this analysis to provide conservative assessments of the potential concentrations. The options included rural dispersion coefficients, flat terrain, and an infinite pollutant half-life.

Meteorological data used in this analysis were collected at Holloman AFB during the period 1949 to 1970. The surface observations were summarized into a statistical array consisting of the twenty-year composite annual frequency distribution of wind speed, wind direction, and stability class. The meteorological data set has been used in previous modeling analyses for Holloman AFB.

G2.3.3 Receptor Locations

Concentrations of potentially emitted pollutants were calculated at receptor locations defined for each specific model: the box-model and ISCLT model. The receptors for the box model were located "on-site" (i.e., atop the contaminated areas). Receptors were used in the ISCLT model to determine potential transport of emitted contaminants away from the areas of contamination. The "off-site" receptors were placed

at a routinely habited (at least occupied during working hours) building nearest the site to determine potential occupational exposures. The "off-site" receptors used was the observatory for SWMU 231.

G2.3.4 Emission Source Characteristics and Modeled Results

The ISCLT model requires square, area sources oriented true north-south as input, therefore all of the emission sites were modeled as area sources. Each site was modeled with a square area equivalent to the areal extent of the source. The source areal dimensions are given in Table G.2-1.

To simplify the modeling analysis, each source was modeled at a unit emission rate (1 g/m^2-sec). The maximum ground-level calculated concentration was then multiplied by the contaminant specific emission rate as calculated in the previous section. Emission rates for each contaminant and site are given in Table G.2-3. Predicted specific receptor and maximum contaminant concentrations are shown in Table G.2-4.

G2.4 References

Table G.2-3

Mean Emission Rates by Compound

Compound	Emission Rate (g/m^2-sec)			
	Surface		Subsurface	
	Volatile	Non-volatile	Volatile	Non-volatile
2,3/2,4-Dimethylaniline	5.91e-18	0	--	--
2,5-Dimethylaniline	5.98e-18	0	--	--
2,6-Dimethylaniline	1.49e-19	0	--	--
3,4-Dimethylaniline	5.67e-19	0	--	--
3,5-Dimethylaniline	8.38e-19	0	--	--
Aluminum	0	1.74e-09	0	9.64e-10
Arsenic	0	3.34e-13	0	2.05e-13
Barium	0	1.51e-11	0	0
Beryllium	0	9.96e-14	0	7.02e-14
Diesel	1.86e-15	0	--	--
Manganese	0	3.69e-11	0	0
Thallium	0	4.68e-13	0	4.14e-13
Vanadium	0	2.26e-12	0	1.85e-12

Table G.2-4
Modeled Concentrations by Receptor and Pollutant

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Waste Area A	2,3/2,4-Dimethylaniline	7.66e-12	2.12e-11	--	--	5.89e-16	1.63e-15	--	--
	2,5-Dimethylaniline	7.75e-12	2.15e-11	--	--	5.96e-16	1.65e-15	--	--
	2,6-Dimethylaniline	1.94e-13	5.14e-13	--	--	1.49e-17	3.96e-17	--	--
	3,4-Dimethylaniline	7.35e-13	1.95e-12	--	--	5.66e-17	1.50e-16	--	--
	3,5-Dimethylaniline	1.09e-12	2.92e-12	--	--	8.36e-17	2.24e-16	--	--
	Aluminum	2.25e-03	2.70e-03	1.25e-03	1.51e-03	1.73e-07	2.08e-07	9.61e-08	1.16e-07
	Arsenic	4.33e-07	4.92e-07	2.66e-07	3.26e-07	3.33e-11	3.79e-11	2.05e-11	2.50e-11
	Barium	1.96e-05	2.23e-05	1.33e-05	1.52e-05	1.50e-09	1.72e-09	1.02e-09	1.17e-09
	Beryllium	1.29e-07	1.61e-07	9.10e-08	1.04e-07	9.93e-12	1.24e-11	7.00e-12	8.02e-12
	Diesel	2.42e-09	7.69e-09	--	--	1.86e-13	5.91e-13	--	--
	Manganese	4.78e-05	6.06e-05	2.62e-05	3.20e-05	3.68e-09	4.66e-09	2.01e-09	2.46e-09
	Thallium	6.08e-07	1.25e-06	5.37e-07	7.51e-07	4.67e-11	9.62e-11	4.13e-11	5.77e-11
	Vanadium	2.94e-06	3.54e-06	2.39e-06	2.86e-06	2.26e-10	2.72e-10	1.84e-10	2.20e-10

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Waste Area B	2,3/2,4-Dimethylaniline	7.66e-12	2.12e-11	--	--	1.07e-15	2.98e-15	--	--
	2,5-Dimethylaniline	7.75e-12	2.15e-11	--	--	1.09e-15	3.01e-15	--	--
	2,6-Dimethylaniline	1.94e-13	5.14e-13	--	--	2.73e-17	7.22e-17	--	--
	3,4-Dimethylaniline	7.35e-13	1.95e-12	--	--	1.03e-16	2.73e-16	--	--
	3,5-Dimethylaniline	1.09e-12	2.92e-12	--	--	1.53e-16	4.09e-16	--	--
	Aluminum	2.25e-03	2.70e-03	1.25e-03	1.51e-03	3.16e-07	3.79e-07	1.75e-07	2.12e-07
	Arsenic	4.33e-07	4.92e-07	2.66e-07	3.26e-07	6.08e-11	6.91e-11	3.73e-11	4.57e-11
	Barium	1.96e-05	2.23e-05	1.33e-05	1.52e-05	2.74e-09	3.13e-09	1.87e-09	2.13e-09
	Beryllium	1.29e-07	1.61e-07	9.10e-08	1.04e-07	1.81e-11	2.25e-11	1.28e-11	1.46e-11
	Diesel	2.42e-09	7.69e-09	--	--	3.39e-13	1.08e-12	--	--
	Manganese	4.78e-05	6.06e-05	2.62e-05	3.20e-05	6.71e-09	8.51e-09	3.67e-09	4.50e-09
	Thallium	6.08e-07	1.25e-06	5.37e-07	7.51e-07	8.53e-11	1.76e-10	7.53e-11	1.05e-10
	Vanadium	2.94e-06	3.54e-06	2.39e-06	2.86e-06	4.12e-10	4.97e-10	3.36e-10	4.02e-10

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Waste Area C	2,3/2,4-Dimethylaniline	7.66e-12	2.12e-11	--	--	8.21e-17	2.28e-16	--	--
	2,5-Dimethylaniline	7.75e-12	2.15e-11	--	--	8.31e-17	2.30e-16	--	--
	2,6-Dimethylaniline	1.94e-13	5.14e-13	--	--	2.08e-18	5.51e-18	--	--
	3,4-Dimethylaniline	7.35e-13	1.95e-12	--	--	7.89e-18	2.09e-17	--	--
	3,5-Dimethylaniline	1.09e-12	2.92e-12	--	--	1.17e-17	3.13e-17	--	--
	Aluminum	2.25e-03	2.70e-03	1.25e-03	1.51e-03	2.41e-08	2.90e-08	1.34e-08	1.62e-08
	Arsenic	4.33e-07	4.92e-07	2.66e-07	3.26e-07	4.64e-12	5.28e-12	2.85e-12	3.49e-12
	Barium	1.96e-05	2.23e-05	1.33e-05	1.52e-05	2.10e-10	2.39e-10	1.43e-10	1.63e-10
	Beryllium	1.29e-07	1.61e-07	9.10e-08	1.04e-07	1.38e-12	1.72e-12	9.76e-13	1.12e-12
	Diesel	2.42e-09	7.69e-09	--	--	2.59e-14	8.25e-14	--	--
	Manganese	4.78e-05	6.06e-05	2.62e-05	3.20e-05	5.13e-10	6.50e-10	2.80e-10	3.44e-10
	Thallium	6.08e-07	1.25e-06	5.37e-07	7.51e-07	6.52e-12	1.34e-11	5.75e-12	8.05e-12
	Vanadium	2.94e-06	3.54e-06	2.39e-06	2.86e-06	3.15e-11	3.80e-11	2.57e-11	3.07e-11

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Waste Area D	2,3/2,4-Dimethylaniline	7.66e-12	2.12e-11	--	--	7.66e-17	2.12e-16	--	--
	2,5-Dimethylaniline	7.75e-12	2.15e-11	--	--	7.75e-17	2.15e-16	--	--
	2,6-Dimethylaniline	1.94e-13	5.14e-13	--	--	1.94e-18	5.15e-18	--	--
	3,4-Dimethylaniline	7.35e-13	1.95e-12	--	--	7.36e-18	1.95e-17	--	--
	3,5-Dimethylaniline	1.09e-12	2.92e-12	--	--	1.09e-17	2.92e-17	--	--
	Aluminum	2.25e-03	2.70e-03	1.25e-03	1.51e-03	2.25e-08	2.70e-08	1.25e-08	1.51e-08
	Arsenic	4.33e-07	4.92e-07	2.66e-07	3.26e-07	4.33e-12	4.93e-12	2.66e-12	3.26e-12
	Barium	1.96e-05	2.23e-05	1.33e-05	1.52e-05	1.96e-10	2.23e-10	1.33e-10	1.52e-10
	Beryllium	1.29e-07	1.61e-07	9.10e-08	1.04e-07	1.29e-12	1.61e-12	9.11e-13	1.04e-12
	Diesel	2.42e-09	7.69e-09	--	--	2.42e-14	7.69e-14	--	--
	Manganese	4.78e-05	6.06e-05	2.62e-05	3.20e-05	4.79e-10	6.07e-10	2.62e-10	3.21e-10
	Thallium	6.08e-07	1.25e-06	5.37e-07	7.51e-07	6.08e-12	1.25e-11	5.37e-12	7.51e-12
	Vanadium	2.94e-06	3.54e-06	2.39e-06	2.86e-06	2.94e-11	3.54e-11	2.40e-11	2.86e-11

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Waste Area E	2,3/2,4-Dimethylaniline	5.74e-12	1.59e-11	--	--	7.37e-17	2.04e-16	--	--
	2,5-Dimethylaniline	5.81e-12	1.61e-11	--	--	7.45e-17	2.07e-16	--	--
	2,6-Dimethylaniline	1.46e-13	3.86e-13	--	--	1.87e-18	4.95e-18	--	--
	3,4-Dimethylaniline	5.52e-13	1.46e-12	--	--	7.08e-18	1.87e-17	-	--
	3,5-Dimethylaniline	8.15e-13	2.19e-12	--	--	1.05e-17	2.81e-17	--	--
	Aluminum	1.69e-03	2.03e-03	9.37e-04	1.13e-03	2.16e-08	2.60e-08	1.20e-08	1.45e-08
	Arsenic	3.25e-07	3.69e-07	2.00e-07	2.44e-07	4.17e-12	4.74e-12	2.56e-12	3.13e-12
	Barium	1.47e-05	1.67e-05	9.97e-06	1.14e-05	1.88e-10	2.15e-10	1.28e-10	1.46e-10
	Beryllium	9.68e-08	1.20e-07	6.83e-08	7.82e-08	1.24e-12	1.54e-12	8.76e-13	1.00e-12
	Diesel	1.81e-09	5.77e-09	--	--	2.33e-14	7.40e-14	--	--
	Manganese	3.59e-05	4.55e-05	1.96e-05	2.40e-05	4.60e-10	5.83e-10	2.52e-10	3.08e-10
	Thallium	4.56e-07	9.38e-07	4.02e-07	5.63e-07	5.85e-12	1.20e-11	5.16e-12	7.22e-12
	Vanadium	2.20e-06	2.65e-06	1.80e-06	2.15e-06	2.83e-11	3.41e-11	2.30e-11	2.75e-11

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Incinerator Area	2,3/2,4-Dimethylaniline	1.05e-10	2.92e-10	--	--	1.90e-14	5.28e-14	--	--
	2,5-Dimethylaniline	1.07e-10	2.95e-10	--	--	1.92e-14	5.33e-14	--	--
	2,6-Dimethylaniline	2.67e-12	7.07e-12	--	--	4.83e-16	1.28e-15	--	--
	3,4-Dimethylaniline	1.01e-11	2.67e-11	--	--	1.83e-15	4.83e-15	--	--
	3,5-Dimethylaniline	1.49e-11	4.01e-11	--	--	2.70e-15	7.25e-15	--	--
	Aluminum	3.09e-02	3.71e-02	1.72e-02	2.08e-02	5.59e-06	6.71e-06	3.10e-06	3.76e-06
	Arsenic	5.95e-06	6.77e-06	3.66e-06	4.48e-06	1.08e-09	1.22e-09	6.61e-10	8.09e-10
	Barium	2.69e-04	3.07e-04	1.83e-04	2.09e-04	4.86e-08	5.54e-08	3.30e-08	3.78e-08
	Beryllium	1.78e-06	2.21e-06	1.25e-06	1.43e-06	3.21e-10	3.99e-10	2.26e-10	2.59e-10
	Diesel	3.32e-08	1.06e-07	--	--	6.00e-12	1.91e-11	--	--
	Manganese	6.58e-04	8.34e-04	3.60e-04	4.40e-04	1.19e-07	1.51e-07	6.50e-08	7.96e-08
	Thallium	8.35e-06	1.72e-05	7.38e-06	1.03e-05	1.51e-09	3.11e-09	1.33e-09	1.86e-09
	Vanadium	4.04e-05	4.87e-05	3.29e-05	3.94e-05	7.30e-09	8.79e-09	5.95e-09	7.11e-09

Table G.2-4
(Continued)

Source	Compound	Concentrations ($\mu g/m^3$)							
		Modeled Scenario Receptor Locations							
		Current On-Site		Future On-Site		Current Occupational		Future Occupational	
		Avg	UCL	Avg	UCL	Avg	UCL	Avg	UCL
Combined	2,3/2,4-Dimethylaniline	1.05e-10	2.92e-10	--	--	2.09e-14	5.80e-14	--	--
	2,5-Dimethylaniline	1.07e-10	2.95e-10	--	--	2.12e-14	5.86e-14	--	--
	2,6-Dimethylaniline	2.67e-12	7.07e-12	--	--	5.31e-16	1.40e-15	--	--
	3,4-Dimethylaniline	1.01e-11	2.67e-11	--	--	2.01e-15	5.31e-15	--	--
	3,5-Dimethylaniline	1.49e-11	4.01e-11	--	--	2.97e-15	7.97e-15	--	--
	Aluminum	3.09e-02	3.71e-02	1.72e-02	2.08e-02	6.14e-06	7.37e-06	3.41e-06	4.13e-06
	Arsenic	5.95e-06	6.77e-06	3.66e-06	4.48e-06	1.18e-09	1.34e-09	7.27e-10	8.89e-10
	Barium	2.69e-04	3.07e-04	1.83e-04	2.09e-04	5.34e-08	6.09e-08	3.63e-08	4.15e-08
	Beryllium	1.78e-06	2.21e-06	1.25e-06	1.43e-06	3.53e-10	4.39e-10	2.49e-10	2.85e-10
	Diesel	3.32e-08	1.06e-07	--	--	6.60e-12	2.10e-11	--	--
	Manganese	6.58e-04	8.34e-04	3.60e-04	4.40e-04	1.31e-07	1.66e-07	7.14e-08	8.75e-08
	Thallium	8.35e-06	1.72e-05	7.38e-06	1.03e-05	1.66e-09	3.42e-09	1.47e-09	2.05e-09
	Vanadium	4.04e-05	4.87e-05	3.29e-05	3.94e-05	8.03e-09	9.67e-09	6.54e-09	7.82e-09

Attachment G.3

Toxicity Assessment

G3.1 Toxicity Assessment

Available toxicity information for each of the chemicals of concern is presented in this Appendix. This information includes a listing of standard EPA toxicity values, toxicity values derived for use with this risk assessment, and a brief description of the adverse health effects associated with exposure to each of the chemicals. The uncertainties associated with the toxicity information are also discussed.

G3.1.1 Toxicity Values used in the Risk Assessment

This section summarizes the available toxicity information for each of the chemicals of concern with potential for human exposure. The relevant information includes standard EPA toxicity values and toxicity values derived for use in the risk assessment. The information in this section was used in determining the risks associated with noncarcinogenic effects [reference doses (RfDs) and reference concentrations (RfCs)], carcinogenic potential (slope factors and inhalation unit risks), and weight of evidence classification.

G3.1.1.1 Toxicity Values for Noncarcinogenic Effects

The RfD and RfC values for the chemicals of concern are presented in Table G.3-1 and were obtained from IRIS dated April 1995, or from the EPA HEAST (U.S. EPA, 1994). Unless a specific dermal RfD was listed in IRIS or HEAST, the RfD for dermal exposure was derived as explained in Section G3.1.1.3. When available, inhalation reference concentrations are included.

G3.1.1.2 Toxicity Values for Carcinogenic Effects

Oral and inhalation slope factors for chemicals of potential concern classified by EPA as carcinogens are also presented in Table G.3-1. These values were also obtained from an IRIS (U.S. EPA, 1995), or from HEAST (U.S. EPA, 1994). Dermal slope factors were derived as explained in Section G3.1.1.3. When available, inhalation unit risk factors were included.

G3.1.1.3 Methodology for Deriving Toxicity Surrogates

In the assessment of toxicity resulting from dermal contact with contaminated media, it is necessary that both intake and the toxicity value used for the assessment be expressed in terms of absorbed dose. This ensures that a comparison can be made between the dermal intake and the toxicity value. Toxicity values for many contaminants are based on studies of administered oral doses. USEPA provides a methodology for adjusting oral toxicity factors to approximate dermal toxicity factors in Appendix A of RAGS, Volume 1, Part A (U.S. EPA, 1989). When chemical-specific information is not available for the calculation

Table G.3-1
Toxicity Values Used in the Risk Assessment for SWMU 231

Chemical	EPA Class	Oral RfD (mg/kg/day)		Inhal RfC (ug/m3)		Oral SF (mg/kg/day)$^{-1}$	Inhal unit risk (ug/m3)$^{-1}$	Dermal RfD (mg/kg/day)		Dermal SF (mg/kg/day)$^{-1}$
		Chronic	Subchronic	Chronic	Subchronic			Chronic	Subchronic	
2,3/2,4-Dimethylaniline	C	--	--	--	--	0.75[f]	--	--	--	15
2,5-Dimethylaniline		--	--	--	--	7.50e-01[g]	--	--	--	15
2,6-Dimethylaniline		--	--	--	--	0.75[g]	--	--	--	15
3,4-Dimethylaniline		--	--	--	--	0.75[g]	--	--	--	15
3,5-Dimethylaniline		--	--	--	--	0.75[g]	--	--	--	15
4-Chloroaniline		0.004[a]	--	--	--	--	--	0.0002	--	--
Aluminum		2.9[c]	--	--	--	--	--	0.145	--	--
Arsenic	A	0.0003[a]	0.0003[b]	--	--	1.75[a]	0.0043[a]	0.000285[i]	0.00029[i]	1.79[i]
Barium		0.07[a]	0.07[b]	0.0005[b]	0.005[b]	--	--	0.0035[i]	0.0035[i]	--
Benzene	A	--	--	--	--	0.029[a]	0.0000083[a]	--	--	0.58
Benzo(a)pyrene	B2	--	--	--	--	7.3[a]	--	--	--	9.13[i]
Benzo(b)fluoranthene	B2	--	--	--	--	0.73[h]	--	--	--	0.913[i]
Beryllium	B2	0.005[a]	0.005[b]	--	--	4.3[a]	0.0024[a]	0.00025	0.0003	86
Cadmium	B1	0.001[a]	--	--	--	--	0.0018[a]	0.0001	--	--
Diesel	D	0.008[d]	0.008[d]	--	--	--	--	0.0004	0.0004	--
Ethylbenzene	D	0.1[a]	1[b]	1000[a]	1.00e+03	--	--	0.005	0.05	--
Manganese	D	0.14[a]	0.14[b]	0.05[a]	0.4[b]	--	--	0.007	0.007	--
Selenium	D	0.005[a]	0.005[b]	--	--	--	--	0.00025	0.0003	--
Thallium	D	0.00008[a]	0.0008[b]	--	--	--	--	0	0	--
Toluene	D	0.2[a]	2[b]	400[a]	400[a]	--	--	0.01	0.1	--
Vanadium		0.007[b]	0.007[b]	--	--	--	--	0.00018[i]	0.00018[i]	--
Zinc	D	0.3[a]	0.3[b]	--	--	--	--	0.015	0.015	--

[a] IRIS on-line search (03/95).
[b] HEAST, 1994.
[c] EPA Region VIII.
[d] Provisional RfD (EPA, 1992).
[e] Listed in HEAST, 1992; currently under review.
[f] HEAST, 1994; carcinogenic slope factor for 2,4-dimethylaniline.
[g] Slope factor for 2-4dimethylaniline used as proxy value for all isomers.
[h] Slope factor based on potential potency (EPA, 1993).
[i] GI derived.

of the adjustment between the oral and dermal toxicity factors, a default adjustment for oral absorption of 5% is recommended. This adjustment results in division of oral slope factors by a factor of 20 and, conversely, multiplication of oral reference doses by a factor of 20. EPA recommends the use of various sources for absorption efficiencies which should be used in place of this conservative default values when available.

Originally for this baseline risk assessment, COCs posing dermal risk at the Holloman sites were identified using the EPA's guidance provided in RAGS (U.S. EPA, 1989). To better approximate the dermal toxicity of these constituents, a search of the available literature was undertaken to identify other methodologies for deriving dermal toxicity values from oral toxicity values. The methodology utilized by Borgert et al. (1992), as presented in Wang et al., 1992, was selected for use. This methodology applies chemical-specific gastrointestinal (GI) absorption efficiencies to the oral toxicity factors to approximate dermal toxicity . For constituents having oral slope factors, the slope factor was adjusted by dividing by the appropriate GI absorption efficiency. Constituents having oral RfDs were adjusted by multiplying that value by the appropriate GI absorption efficiency. In effect, this raises the slope factors and lowers the RfDs with respect to the oral toxicity factors. In this way, the derivation of dermal toxicity factors becomes a chemical-specific adjustment likely to generate a more accurate approximation of dermal toxicity.

Borgert et al. (1992) provides gastrointestinal absorption factors for several polycyclic aromatic hydrocarbons. Additional GI values were found in the Agency for Toxic Substances and Disease Registry 's (ATSDR) toxicological profiles for various chemicals and ambient water quality criteria documents. Wherever a range of GI values was provided by any one study, the mean of that range was used as a discrete value in this assessment. Additionally, wherever more than one study or more than one GI value was identified for a particular chemical, the more conservative absorption rate was used in this assessment.

The adjusted toxicity values derived for the COCs driving risk SWMU 231 sites are provided in Table G.3-1. Gastrointestinal absorption rates may be available for other COCs that are not dermal risk drivers. For these chemicals, and for chemicals for which adjustment via the selected method is inappropriate, the more conservative default assumptions provided in Appendix A of RAGS (U.S. EPA, 1989) were used in the baseline risk assessment. For chemicals with inadequate oral toxicity information, dermal values were not calculated.

G.3.1.2 Health Effects Summaries

This section of the appendix summarizes the toxicity information available for the noncarcinogenic and carcinogenic effects associated with the chemicals of potential concern. General information on the potential health effects associated with exposures to the chemicals is provided. Toxicity information on noncarcinogenic effects is provided for each contaminant that has an RfD value and includes the data that formed the basis for the derivation of that RfD. Information is also included for contaminants for which RfDs or slope factors were derived by alternative methods. Dermal toxicity values were derived as explained in above all of the chemicals of concern and can be found in Table G.3-1. Information on the potential carcinogenic risk of each chemical is provided along with supporting data for the EPA weight of evidence classification. Unless otherwise stated, the information presented below is summarized from the data available on IRIS as of April 1995 or from HEAST (U.S. EPA, 1994).

G.3.1.2.1 Aluminum, 7429-90-5

Oral RfD: No toxicity information is currently available on IRIS. HEAST advises that the available data are inadequate for quantitative risk assessment.

Carcinogen Classification: Information not available.

Uses

Aluminum is second only to iron as the most abundant metal in the Earth's crust (Hill, 1992).

Health Effects

Despite the widespread occurrence of aluminum in food, drinking water, and soil, there is little indication that aluminum is toxic by ingestion unless it is present in high quantities. Intakes of greater than 1 g per day results in aluminum retention in the bone and lung. Aluminum inhibits the absorption of fluoride in the gastrointestinal tract, and may decrease the absorption of calcium and iron compounds, and possibly cholesterol. Aluminum may alter gastrointestinal tract motility by inhibition of acetylcholine-induced contractions which may be the reason why aluminum-containing antacids often produce constipation (Amdur et al., 1991. Other systemic toxicities may be caused by oral exposure to relatively high levels of aluminum. Aluminum compounds are widely used, for example, as ingredients in antiperspirants, without harmful effects to the skin or other organs (ATSDR, 1991).

Exposure to aluminum in the workplace may cause an increased incidence of asthma, coughing, decreased pulmonary function, pulmonary fibrosis, and several types of cancer in exposed workers. However, in studies evaluating workplace exposure, aluminum could not be definitively identified as the causal agent because of concurrent exposure to other toxic chemicals. Smoking was not considered in these evaluations, which further confounds the studies' conclusions (ATSDR, 1991).

G.3.1.2.2 Aniline, 62-83-3

Inhalation RfD: 1.00E-3 mg/m^3, or 0.001 mg/m^3

Carcinogen Classification: Group B2 - Probable Human Carcinogen

Uses

Aniline is a synthetic, semivolatile aromatic amine. It is widely used as an intermediate in the synthesis of dye stuffs and for pharmaceuticals. It is also used in the manufacture of rubber accelerators and antioxidants, marking inks, optical whitening agents, photographic developers, resins, varnishes, perfumes, shoe polishes, and many organic chemicals (NIOSH, *1977).*

Health Effects

Occupational aniline poisoning was at one time relatively common. Acute intoxication, due to the formation of methemoglobin, resulting in cyanosis and possible death from asphyxiation, has been the most frequent result of overexposure. Adverse central nervous system (CNS) effects have been commonly reported with chronic exposure. Concentrations of 7-53 ppm (26-202 mg/m^3) of aniline vapor may cause slight symptoms, such as cyanosis, after several hours of exposure. Concentrations in excess of 100-160 ppm (381-609 mg/m^3) may cause more serious adverse effects such as headaches, irritability, weakness, drowsiness, shortness of breath, and unconsciousness (ACGIH, 1991).

Study Support

Data on the effects of aniline exposure in animals are available. In one animal study, rats, dogs, mice, and guinea pigs were exposed to 5 ppm of aniline vapor for 6 hours/day, 5 days/week. An increase in blood methemoglobin in the absence of spleen toxicity was observed in rats. On the basis of these observations, a NOAEL of 3.4 mg/m^3 was designated. In a repeated-exposures inhalation study, rats were exposed to 0, 17, 45, or 87 ppm aniline vapors for 6 hours/day, 5 days/week for 2 weeks. On the basis of the mild splenic effects observed in the study, 17 ppm (11.6 mg/m^3) was designated as the LOAEL.

Uncertainty factors used to derive the RfD.

A factor of 10 is used to account for each of the following: the extrapolation animal data to humans (humans appear to be more sensitive than rats to aniline exposure); the protection of sensitive human subpopulations; and for the use of subchronic study data. A factor of 3 would also be used if appropriate reproductive studies are not available.

The Group B2 carcinogenicity classification is based on the induction of tumors in the spleen and body cavity in two strains of rats, and supporting genotoxic evidence. Human carcinogenicity data are considered inadequate to conclude that aniline causes bladder cancer. Workers exposed to different aromatic amines in the chemical dye industry were evaluated for the occurrence of bladder tumors. The authors concluded that there was not sufficient evidence to suggest taht aniline itself causes tumors in humans. Animal carcinogenicity data, however, are sufficient conclude that aniline causes cancer in animals. High doses of aniline administered orally to animals for an extended period of time resulted in the occurrence of splenic sarcomas. IRIS lists an oral slope factor for aniline of 5.7E-03 $(mg/kg/day)^{-1}$.

Aniline produced negative results in reverse mutation assays using *Salmonella typhimurium*, except when assayed in the presence of the comutagen norharmon. Aniline was reported to show positive results in the L5178+/- mouse lymphoma gene mutation assay.

G3.1.2.3 4-Chloroaniline or p-Chloroaniline, 106-47-8

Inhalation RfD: 4.00E-3 mg/m^3, or 0.004 mg/m^3

Carcinogen Classification: Not listed in IRIS or HEAST

4-Chloroaniline, or p-chloroaniline, is said to be more toxic than aniline. It can be absorbed through intact skin and may cause a more intense methemoglobinemia by that route than my mouth (Gosselin, 1984).

Study Support

Groups of 20 and 50 F344 rats of each sex were exposed to p-chloroaniline in the diet at concentrations of 0, 250, or 500 ppm for 78 weeks followed by an observation period of 24 weeks. Gross and comprehensive histological examinations were performed on all animals after sacrifice. Significantly

increased mortality occurred in the high-dose males and decreased average body weight gain occurred in the high-dose females. Nonneoplastic proliferative lesions of the capsule of the spleen (focal fibrosis with subcapsular mesenchymal proliferation) occurred in most of the treated rats. Fibrosis or fatty infiltration of the splenic parenchyma occurred in some of the high-dose males and one of the high-dose females. Splenic lesions did not occur in any of the control rats. This study did not define a NOEL. The 250-ppm level (12.5 mg/kg/day) is considered to be the LOAEL. An uncertainty factor of 3000 (10 to extrapolate from a LOAEL to a NOEL, 10 to extrapolate from rats to humans, and 10 to protect sensitive humans and an additional uncertainty factor [UF] of 3 to account for a lack of supporting reproductive and other toxicity data) results in a RfD of 0.004 mg/kg/day.

Although the NCI (1979) bioassay is a well-designed chronic oral study, confidence in the study is low because a NOEL or NOAEL was not defined. Confidence in the data base is low because corroborating data are not available. Confidence in the RfD is also low, reflecting the low confidence in the study and database.

G3.1.2.4 Dimethylaniline

There are six isomers of dimethylaniline: 2,3-, 2,4-, 2,5-, 2,6-, 3,4-, and 3,5-dimethylaniline. They closely resemble aniline in their toxicity, with perhaps more prominent CNS depression. These compounds may be absorbed through intact skin. (Gosselin, 1984). Dimethylaniline absorption may cause anoxia due to the formation of methemoglobin, although less methemoglobin is formed with dimethylaniline exposure compared to aniline exposure (Proctor, 1988). The slope factor for 2,4-dimethylaniline is used as a surrogate value for the other isomers.

2,4-Dimethylaniline, 95-68-1

Inhalation RfD: Not listed in HEAST or IRIS

Carcinogen Classification: Group C- Possible Human Carcinogen

Oral Slope Factor: 7.5 E-01 mg/kg/day

2,3-Dimethylaniline, 87-59-2

Inhalation RfD: Not listed in HEAST or IRIS

Carcinogen Classification: Not listed in HEAST or IRIS

2,5-Dimethylaniline, 95-78-3

Inhalation RfD: Not listed in HEAST or IRIS

Carcinogen Classification: Not listed in HEAST or IRIS

2,6-Dimethylaniline, 87-62-7

Inhalation RfD: Not listed in HEAST or IRIS

Carcinogen Classification: Not listed in HEAST or IRIS

3,5-Dimethylaniline, 108-69-0

Inhalation RfD: Not listed in HEAST or IRIS

Carcinogen Classification: Not listed in HEAST or IRIS

G3.1.2.5 **Arsenic, 7440-38-2**

Oral RfD: 3.0E-04 mg/kg/day

Carcinogen Classification: Group A—Human Carcinogen.

Uses

Arsenic is a metallic element. Arsenic and its compounds are used in a variety of products such as insecticides and herbicides. Arsenic is also used in the manufacturing of glass and the smelting of copper, zinc and lead.

Health Effects

Large oral doses (above 60 ppm in food or water) of inorganic arsenic can produce death in humans. Ingestion of lower levels of inorganic arsenic (0.30-30 ppm in food or water) may result in irritation of the stomach and intestines, with symptoms such as pain, nausea, vomiting, and diarrhea. Other effects such as decreased production of red and white blood cells, abnormal heart function, blood-vessel damage, and impaired nerve function causing a "pins and needles" sensation in the hands and feet may occur. Studies of the administration of arsenic to pregnant animals indicate that doses large enough to cause maternal toxicity may cause low birth weight, fetal malformations, or fetal death. There is no evidence, however, that suggests that arsenic is teratogenic or fetototoxic (ATSDR, *Toxicological Profile for Arsenic*, 1992).

Long-term oral exposure to inorganic arsenic often results in skin changes. Those changes include darkening of the skin and the appearance of "corns" or "warts" on the palms, soles, and torso. A small number of the corns may ultimately develop into skin cancer. Ingestion of arsenic may also increase the risk of cancer in the liver, bladder, kidney, and lung (ATSDR, 1992).

Inhalation of high levels of arsenic usually results in a sore throat and irritated lungs. The dermal effects mentioned above may also be experienced. The level at which these effects are likely to occur in humans is uncertain, but is probably above 100 $\mu g/m^3$. These effects usually are not serious, but inhaled inorganic arsenic has been reported to increase the risk of lung cancer. This has been observed primarily in people exposed to arsenic in or around smelters (ATSDR, 1992).

Study Support

The oral RfD for arsenic is listed in IRIS as 3.0E-04 mg/kg/day. This value is supported by two epidemiologic studies of human exposure to arsenic in well water. The low-dose group received 5-7 $\mu g/L$ and the high-dose group received 410-$\mu g/L$ arsenic in well water. The exposure estimate for a high dose is 410 $\mu g/L$ x 3 L/day x (1/55 kg) = 22 $\mu g/kg$-day; the exposure estimate for a low dose is 5-7 $\mu g/L$ x 3 L/day x (1/55 kg) = 0.3 - 0.4 $\mu g/kg$-day. The incidences of blackfoot disease, hyperpigmentation, and keratosis increased with dose and age. Exposure times were directly related to chronological age in 75% of the cases. This study reported a NOAEL as 8.0E-04 mg/kg/day and a LOAEL as 1.4E-02 mg/kg/day. The critical effect was hyperpigmentation, keratosis, and possible vascular complications. HEAST lists a value of 3.00E-04 mg/kg/day for the subchronic oral RfD.

The uncertainty factor used to derive the oral RfD was 3. This factor accounts for the lack of both general data and information regarding sensitive individuals. The confidence level in the RfD derivation is medium. An extremely large number of people (>40,000) was used in the assessment, but doses were not well characterized and other contaminants were present. The supporting human toxicity database is extensive but somewhat flawed. The database does support the choice of NOAEL, hence the confidence rating of medium.

Arsenic's classification as Group A—Human Carcinogen is based on 1) results of several epidemiologic studies in which increases in lung cancer mortality were observed among workers exposed to arsenic primarily through inhalation in the work place, and 2) reports of increased skin cancer incidence in several populations consuming drinking water with high arsenic concentrations. The inhalation unit risk is listed in IRIS as 4.3E-03 $(\mu g/m^3)^{-1}$. HEAST lists a value of 5.0E+01 $(mg/kg/day)^{-1}$ for the inhalation slope factor. A large population was observed and the exposure assessment included air measurements for the Anaconda smelter and both air measurements and urinary arsenic for the ASARCO smelter. Observed lung cancer incidence was significantly increased over expected values (ATSDR, 1992). IRIS lists the oral slope factor as 1.75E+00 $(mg/kg/day)^{-1}$.

G3.1.2.6 Barium, 7440-39-3

Oral RfD: 7.0E-02 mg/kg/day

Carcinogen Classification: Barium is not considered carcinogenic at this time.

Uses

Barium is a soft, silvery-white metal abundant in nature and found in plant and animal tissue. It is used in various alloys; in paints, soap, paper, drilling muds, and rubber; and in the manufacture of insect and rat poisons, ceramics, bricks, tiles, and glass. Barium sulfate is sometimes used in x-rays of the intestinal tract.

Health Effects

Inhalation of barium dust by workers has been reported to cause an uncommon, but benign pneumoconiosis called baritosis. Abdominal cramps, nausea, vomiting, pulmonary lesions, muscle weakness, and renal failure were observed in a factory worker accidentally exposed to high levels of barium carbonate

dust. There are limited animal data on the effects of barium inhalation to further illustrate the effects of barium inhalation (ATSDR, 1991).

Most information on the effects of barium exposure comes from studies investigating oral ingestion of barium. Acute ingestion of high levels of barium may result in respiratory weakness, abnormalities in heart rhythm, hypertension, gastrointestinal disturbances, progressive muscle weakness, and renal insufficiency. The occurrence and severity of these symptoms decrease with decreasing levels of exposure. The only well-documented adverse effect following low-level, chronic exposure is a compromise of the cardiovascular system. Significant increases in blood pressure were observed in rats administered 5.4 to 7.1 mg/kg/day for up to 16 months (ATSDR, 1991).

Study Support

IRIS lists the chronic RfD for barium as 7.0E-02 mg/kg/day. HEAST lists this value as the subchronic oral RfD. These values are based primarily on two studies. In the first study, 11 healthy male volunteers were administered 0- to 10-mg/L barium in drinking water for 10 weeks. The second study was a retrospective epidemiological study, which compared human mortality and morbidity rates in populations ingesting elevated barium levels (2 to 10 mg/L) in drinking water to control populations. A NOAEL of 10 mg/L was established by the first study, and data from the chronic human epidemiological study support that NOAEL. The critical effect of interest was increased blood pressure. An uncertainty factor of 3 was used since the data are from a chronic human study. The level of confidence in the RfD is medium.

The chronic inhalation RfC listed in HEAST is 5.0E-04 mg/m^3. The subchronic inhalation RfC is given as 5.0E-03 mg/m^3. These values are based on an inhalation study in which rats were exposed to 0.80 mg/m^3 of barium for 4 hours/day for 4 months. Phytotoxic effects were reported as a result of exposure. An uncertainty factor of 1000 was applied to account for inter- and intraspecies variation, and for extrapolating from a subchronic to a chronic study (10X each). A risk assessment for exposure to barium via inhalation is currently under review by an EPA work group.

G3.1.2.7 Benzene, 71-43-2

Oral RfD: No oral RfD, inhalation RfD, or inhalation RfC have been established.

Carcinogen Classification: Group A—Human Carcinogen.

Uses

Benzene is an aromatic hydrocarbon first used as a volatile solvent and in the synthesis of other chemicals. Plant and plastic manufacturers are some of the industries that frequently use benzene in their process. Today, because of its "antiknock" properties, benzene is being added to gasoline as a replacement for alkyl lead compounds.

Health Effects

Most people are exposed to a small amount of benzene daily. The major sources of benzene exposure are gasoline, automobile exhaust, industrial emissions, and tobacco smoke. Brief exposure (5 to 10 minutes) to very high levels of benzene in air (10,000 to 20,000 ppm) may result in death. Exposure to lower levels (700 to 3000 ppm) may cause drowsiness, dizziness, headaches, and unconsciousness. These effects usually disappear once exposure ceases. Ingestion of foods or beverages containing high levels of benzene may result in vomiting, dizziness, convulsions, and death. Human health effects associated with ingestion of lower levels of benzene are currently unknown. Dermal contact with benzene may cause redness or blisters (ATSDR, 1992).

Most information on the effects of long-term benzene exposure comes from studies of workers occupationally exposed to ambient levels of benzene far greater than levels normally encountered by the general population. Inhalation of benzene for long periods of time may cause adverse effects in the tissues that form blood cells, especially the bone marrow. This may result in disruption of normal blood production and cause a decrease in important blood components, leading to anemia or excessive bleeding. Blood production may return to normal upon cessation of exposure. Benzene exposure may be harmful to the immune system, enhancing the probability of infection and lowering the body's defense against tumors. Long-term exposure to benzene in the air causes leukemia and has been associated with genetic changes (ATSDR, 1992).

Long-term exposure to benzene may affect the reproductive system. One study found that female workers exposed to high levels of benzene for many months experienced irregular menstrual cycles and had decreased ovary size. Exposure levels were not documented in this study, and it was not proved that benzene was responsible for the effects. Currently it is not known what effects benzene exposure has on the developing fetus. Studies in which pregnant laboratory animals were exposed to benzene resulted in low birth weights, delayed bone formation, and bone marrow damage (ATSDR, 1992).

Human health effects associated with long-term exposure to food and water contaminated with benzene are not known. Animal studies indicate that oral exposure can damage the blood and immune system. Oral ingestion of benzene by experimental animals has also been linked to cancer (ATSDR, 1992).

Study Support

The classification of benzene as Group A—Human Carcinogen is based on numerous epidemiologic studies that demonstrated an increased incidence or causal relationship between leukemia and occupational exposure to benzene. Supporting data include an increased incidence of neoplasia in rats and mice exposed by inhalation and gavage, and an increase in chromosomal aberrations of bone marrow cells and peripheral lymphocytes from occupational exposure. An oral slope factor of 2.9E-02 $(mg/kg/day)^{-1}$, an inhalation slope factor of 0.029 $(mg/kg/day)^{-1}$, and an inhalation unit risk of 8.3E-06 $(\mu g/m^3)^{-1}$ have been derived from human data for inhalation exposure.

G3.1.2.8 Benzo[a]pyrene, 50-32-8

Oral RfD: Not listed

Carcinogen Classification: Group B2—Probable Human Carcinogen

Uses

Benzo[a]pyrene (B[a]P) is a semivolatile member of a class of chemicals called polycyclic aromatic hydrocarbons (PAHs). PAHS are formed during the incomplete burning of coal, oil, gas, wood, garbage, or other organic substances such as tobacco and charbroiled meat. PAHs are found in coal tar and in the creosote oils and pitches formed from the distillation of coal tars. Most PAHs have no known use except for research purposes. A few PAHs are used in medicines and to make dyes, plastics, and pesticides; others are contained in asphalt used in road construction. They are found throughout the environment in the air, water, and soil (ATSDR, 1993).

Health Effects

No information is available in the current literature concerning the levels of B[a]P that cause harmful effects in humans following inhalation, ingestion, or dermal exposure.

Study Support

Short- and long-term exposures to B[a]P (120 mg/kg/day for up to 6 months) caused death when ingested by animals. Deaths appeared to be due to bone marrow suppression. Offspring of animals fed 10-mg/kg/day B[a]P (or higher) during pregnancy had lower than normal birth weights and developmental/reproductive aberrations (e.g., alterations in gonadal development, decreased fertility; increased incidence of sterility). Reports on the effects of B[a]P following short-term dermal exposures in animals and intermediate exposures in humans suggest that B[a]P has deleterious effects on the skin. However, the studies failed to employ control groups and, therefore, conclusions about the dermal toxicity of B[a]P currently cannot be made (ATSDR, 1990).

The induction of cancer appears to be the key end point of toxicity following intermediate and long-term exposure to B[a]P by inhalation, ingestion, and dermal exposure. This is because lower doses are required to induce tumors than to produce other end points of toxicity. Experimental studies have demonstrated the ability of B[a]P to induce respiratory tract tumors in hamsters following long-term (lifetime) exposure to B[a]P as an aerosol at concentrations above 9.5 mg/m^3. Mice administered B[a]P in the diet for 110 days (5.2 mg/kg/day) developed excess forestomach tumors. Long-term dermal exposure (1 μg/day) studies in animals has demonstrated the ability of B[a]P to induce skin tumors. No information correlating inhalation or dermal exposure of humans to B[a]P and cancer is available, although reports of lung and skin tumors in individuals exposed to mixtures of PAHs containing B[a]P lend some support for its carcinogenic potential.

EPA has not developed an oral RfD for B[a]P. Toxicity values were not calculated to evaluate the noncarcinogenic effects of B[a]P, since no methodology firmly founded on scientific basis exists for such calculations.

EPA has classified B[a]P as Group B2—Probable Human Carcinogen. IRIS lists an oral slope factor for B[a]P as 7.30E+00 $(mg/kg/day)^{-1}$. Human data specifically linking B[a]P to carcinogenic effects are lacking. However, there are numerous animal studies in many species that indicate that B[a]P is carcinogenic following administration by several routes. HEAST listed an inhalation unit risk of 1.7E-03 (μg/m3) for B[a]P and an inhalation slope factor of 6.1E+00 $(mg/kg/day)^{-1}$, although these values have been withdrawn from HEAST.

G3.1.2.9 Benzo[b]fluoranthene, 205-99-2

Oral RfD: Not listed

Carcinogen Classification: Group B2—Probable Human Carcinogen

Uses

Benzo[b]fluoranthene (B[b]f) is a semivolatile organic compound among other PAHs.

Health Effects

B[b]f causes cancer in laboratory animals when applied to their skin. This finding suggests that it is likely that people exposed in the same manner could also develop cancer. Because studies of B[b]f are not complete, it is not known whether it could cause cancer if it is inhaled or swallowed, or whether it can cause harmful effects other than cancer. (ATSDR, 1990).

Study Support

The levels and length of exposure to individual PAHs that result in human health effects cannot be determined from the data that are currently available. Therefore, exposure levels that presumably cause human health effects have been estimated from experimental studies conducted in laboratory animals. Estimates of exposure that pose minimal risks to humans have been made where data are believed to be reliable.

A minimal risk level of 3.6 ppm in food for short-term human exposure (less than or equal to 14 days) has been estimated for PAHs in general. This estimated minimum risk level (MRL) is based on experimental studies in which laboratory animals were fed B[a]P. Short-term exposure of mice to B[a]P in the diet caused birth defects. Long-term (6 months) exposure of mice resulted in adverse effects in the liver and blood. Adjustments to reflect human variability and, where appropriate, the uncertainty of extrapolating from animals to humans have been made. The MRL provides a basis for comparison with levels that people might encounter in food. Exposure of humans to levels of PAHs below the estimated MRL is not expected to result in harmful (noncancer) health effects (ATSDR, 1989).

It should be recognized that uncertainties are associated with use of MRLs, particularly with respect to PAHs, since estimates were based on data obtained with B[b]f . It is well known that there are

differences between different PAHs with regard to metabolism and, therefore, different toxicological effects may occur. MRLs have not been estimated for other routes of exposure (ATSDR, 1990).

No information is available on the effects of B[b]f in laboratory animals following exposure by inhalation, although B[b]f elicits respiratory tract tumors in rats following intratracheal instillation. B[b]f is carcinogenic following intermediate dermal exposure. Mice receiving doses of 2.9 mg/kg and higher, three times weekly (equivalent to an average daily dose of 1.2 mg/kg/day) developed an excess of malignant skin tumors when B[b]f was applied to the skin for up to one year. No information correlating inhalation or dermal exposure to B[b]f and cancer induction in humans is available, but reports of cancer among individuals exposed by inhalation or dermally to mixtures of PAHs containing benzo[b]fluoranthene provide qualitative support for the carcinogenicity of this compound.

EPA has not developed an oral RfD for B[b]f. Toxicity values were not calculated to evaluate the noncarcinogenic effects of B[b]f since no methodology firmly founded on scientific basis exists for such calculations.

EPA has listed B[b]f as a Group B2—Probable Human Carcinogen. Although there are no human data that specifically link exposure to B[b]f with cancer, it is a component of mixtures that are associated with human cancer. Supporting data include the production of tumors in mice after lung implantation, intraperitoneal or subcutaneous injection and skin painting with B[b]f. EPA has not published a slope factor for B[b]f at this time. A slope factor of 7.3E-01 $(mg/kg/day)^{-1}$ was calculated by multiplying the slope factor for B[a]P by the relative potency factor of 0.10 for B[b]f (U.S. EPA, 1993).

G3.1.2.10 Beryllium, 7440-41-7

Oral RfD: 5.0E-03 mg/kg/day

Carcinogen Classification: Group B2—Probable Human Carcinogen.

Uses

Beryllium is a metallic element, occurring naturally as a component of certain rocks, coal and oil, soil, and volcanic dust. It is used as an aerospace structural material; as a moderator and reflector in nuclear reactors; and in a copper alloy used for springs, electrical contacts, and nonsparking tools.

Health Effects

Various health effects related to beryllium exposure have been documented in human and animal investigations. The major toxicologic effects of beryllium are on the lung. Exposure to beryllium may produce an acute chemical pneumonitis, hypersensitivity, and berylliosis—a chronic granulomatous pulmonary disease. Contact dermatitis is the most common beryllium-related toxic effect. Exposure to soluble beryllium compounds may result in a delayed-type hypersensitivity reaction with the formation of papulovesicular lesions on the skin. *In vitro* studies of genotoxicity have shown that beryllium will induce morphologic transformation in mammalian cells. It will also decrease fidelity of DNA synthesis, but is negative when tested as a mutagen in bacterial systems (Amdur et al., 1991).

Study Support

The oral RfD for beryllium is listed in IRIS as 5.0E-03 mg/kg/day. The NOAEL is listed as 5 ppm (0.54 mg/kg of body weight/day) in drinking water. The RfD value is based on a lifetime study of 52 weanling rats administered 0- or 5-ppm beryllium (as beryllium sulfate) in drinking water. At natural death, the rats were dissected and gross and microscopic changes were noted in the heart, kidney, liver, and spleen. There were no functional effects with treatment in these organs or on lifespan, urinalysis, serum glucose, cholesterol, and uric acid, or on numbers of tumors. Male rats experienced decreased growth rates from two to six months of age. In a similar study, doses of 0.95 mg/kg/day caused decreased body weights in female mice. Male mice exhibited slight increases in body weight. HEAST lists a value of 5.0E-03 mg/kg/day for the subchronic oral RfD.

The uncertainty factor applied to derivation of the oral RfD is 100. This factor accounts for interspecies (10X) conversion and for protection of sensitive human subpopulations (10X). The confidence level is low because only one dose level was administered. Although numerous inhalation investigations and a supporting chronic oral bioassay in mice exist, along with work that indicates a higher dose level may be a NOEL, these studies are considered low to medium in quality. Therefore, the database is given a confidence level of low.

The classification of beryllium as a Group B2—Probable Human Carcinogen is based on its ability to induce lung cancer via inhalation in rats and monkeys and to induce osteosarcomas in rabbits via intravenous or intramedullary injection. Human epidemiology studies are considered to be inadequate. The oral slope factor is listed in IRIS as 4.3E+00 $(mg/kg/day)^{-1}$, the inhalation unit risk value as 2.4E-03 $(\mu g/m^3)^{-1}$,

and the inhalation slope factor as 8.4E+00 $(mg/kg/day)^{-1}$. The estimate for the oral slope factor is derived from a study that did not show a significant increase in tumorigenic response. Although this study is limited by use of only one nonzero dose group and the occurrence of high mortality and unspecified time and site of the tumors, it was used as the basis of the quantitative estimate because exposure occurred via the most relevant route.

G3.1.2.11 Cadmium, 7440-43-9

Oral RfD: IRIS lists the oral RfD for cadmium in water as 5.0E-04 mg/kg/day and in food as 1.0E-03 mg/kg/day.

Carcinogen Classification: Group B1—Probable Human Carcinogen.

Uses

Cadmium is a metallic element, occurring primarily in zinc, copper, and lead ores. It is used in solders, dental amalgams, cathode material for nickel-cadmium storage batteries, as a color pigment for paints and plastics, and in rustproof electroplating. A major nonoccupational source of respirable cadmium is cigarettes.

Health Effects

Exposure to high levels of cadmium via inhalation severely damages the lungs and can cause death. Inhalation of lower levels for a period of years results in accumulation of cadmium in the kidneys that can cause kidney disease. Long-term exposure to cadmium by inhalation may also cause fragile bones.

Long-term exposure of workers to cadmium via inhalation in an occupational setting may increase the risk of developing lung cancer. Experimental studies indicate that mice and hamsters exposed to cadmium by inhalation do not develop lung cancer; however, rats clearly do. Pregnant female rodents that inhaled high levels of cadmium produced fewer litters and the pups exhibited more birth defects than usual. Inhalation of cadmium also causes liver damage and changes in the immune system in rats and mice. Currently, it is not known whether inhalation of cadmium affects the ability of humans to reproduce or has harmful effects on the fetus, liver, heart, nervous system, or immune system in humans (ATSDR, 1992).

Consumption of very high levels of cadmium in food or drink severely irritates the stomach and causes vomiting and diarrhea. Deaths from cadmium ingestion have only been documented in cases of suicide. Similar to exposure via inhalation, ingestion of lower levels of cadmium results in a build-up in the kidneys, resulting in kidney damage and fragile bones. Animals exposed to cadmium through the diet or in water occasionally develop high blood pressure, iron poor blood, liver disease, and nerve or brain damage. Proof that humans develop these conditions is lacking. Studies in humans and animals have not indicated that eating or drinking cadmium increases the incidence of cancer. Dermal contact with cadmium is not known to cause adverse health effects in animals or humans (ATSDR, 1992).

Study Support

IRIS lists the oral RfD for cadmium in water as 5.0E-04 mg/kg/day and in food as 1.0E-03 mg/kg/day. The RfD is based on the highest level of cadmium in the human renal cortex (200-μg cadmium/g wet renal cortex) not associated with significant proteinuria, the critical effect of interest. A toxicokinetic model was used to determine the highest level of exposure associated with the lack of a critical effect. An uncertainty factor of 10 was applied to account for intrahuman variability to the toxicity of this chemical in the absence of specific data on sensitive individuals. The level of confidence in the RfD is high because of the many studies available on the toxicity of cadmium in both humans and animals.

The classification of cadmium as a Group B1—Probable Human Carcinogen is based on limited evidence of its carcinogenicity in humans available from several epidemiologic studies that demonstrated a possible association with lung and prostate cancers. There is also sufficient evidence of cadmium's carcinogenicity in rats and mice by the inhalation route (lung tumors), intratracheal instillation (mammary tumors in female rats, multiple sites in males), and intramuscular or subcutaneous injection (injection site and distant site tumors). EPA has not established an oral slope factor for cadmium, but has established an inhalation unit risk of 1.8E-03 $(\mu g/m^3)^{-1}$ based primarily on an epidemiologic study of cadmium smelter workers in which an increased risk of lung, trachea, and bronchus cancer mortality was observed. The supporting study used a relatively large cohort and smoking and concurrent arsenic exposures were accounted for in the quantitative analysis for cadmium.

G3.1.2.12 Ethylbenzene, 100-41-4

Oral RfD: 1.0E-01 mg/kg-day

Carcinogen Classification: Group D—Not Classifiable as to Human Carcinogenicity

Uses

Ethylbenzene is used as a solvent, as an antiknock agent, and is an intermediate in the production of styrene.

Health Effects

Low levels of ethylbenzene in the air cause irritation of the eyes and throat. Upon exposure to higher levels, persons demonstrate signs of more severe effects such as decreased movement and dizziness. Short-term exposure to high levels of ethylbenzene in air may cause liver and kidney damage, nervous system changes, and changes in the blood of laboratory animals (ATSDR, 1989).

Study Support

No studies have reported death in humans following exposure to ethylbenzene. Studies in laboratory animals do suggest that ethylbenzene can cause death. There is no clear evidence that reproductive effects occur following inhalation, ingestion, or dermal contact with ethylbenzene. Birth defects have occurred in newborn animals when the mothers were exposed to ethylbenzene. These effects become increasingly serious with increasing doses of ethylbenzene. A single long-term study in animals suggested that ethylbenzene caused tumors. However, the study had many weaknesses and conclusions could not be drawn regarding the possible carcinogenic effects in humans (ATSDR, 1989).

IRIS listed an oral RfD for ethylbenzene of 1.0E-01 mg/kg-day. This value was based on a subchronic bioassay in which rats were administered 13.6-, 136-, 408-, or 680-mg/kg-day ethylbenzene by gavage 5 days/week. The LOAEL of 408 mg/kg/day was associated with histopathologic changes in liver and kidney. The NOEL established in this study was 136 mg/kg-day (converted to 97.1 mg/kg-day to reflect treatment 7 days/week).

An uncertainty factor of 1000 (10x each for intraspecies and interspecies variability and 10x for extrapolation of subchronic effect level to its chronic equivalent) was used to derive the RfD. The level of confidence in the RfD is low and reflects the fact that only one sex was tested and that the experiment was not of chronic duration. The inhalation RC is listed as 1.0E+00 mg/m^3 in IRIS.

EPA has classified ethylbenzene as Group D—Not Classifiable as to Human Carcinogenicity. This classification was due to lack of animal bioassays and human studies. Therefore, there is no slope factor at this time.

G3.1.2.13 Manganese, 7439-96-5

Oral RfD: 5.0E-03 mg/kg/day in water and 1.4E-01 mg/kg/day in food

Carcinogen Classification: Group D Carcinogen—Not Classifiable as to Human Carcinogenicity

Uses

Manganese is an essential element. It is required for normal bone growth and development, normal reproduction, and cell function. It is a cofactor for a number of enzymatic reactions, particularly those involved in phosphorylation, cholesterol, and fatty acids synthesis. Manganese is present in all living organisms. Manganese and its compounds are used in making steel alloys, dry-cell batteries, electrical coils, ceramics, matches, glass, dyes, in fertilizers, welding rods, as oxidizing agents, and as animal food additives.

Health Effects

Inhalation of manganese particulates can lead to an inflammatory response in the lungs. There is conclusive evidence in humans indicating that inhaling high levels of manganese can result in a disabling neurological syndrome that is accompanied by apathy, general weakness, dullness, anorexia, and muscle pain. Impotence and loss of libido are common signs in male workers exposed to relatively high levels of manganese in the air (ATSDR, 1990).

Study Support

Most animal studies indicate that manganese has a low acute oral toxicity. No adverse health effects were seen in mice given 810 mg/kg/day during a chronic feeding study. There are no studies available at this time regarding health effects in humans or laboratory animals following dermal exposure to manganese (ATSDR, 1990).

IRIS lists the chronic oral RfD for manganese in water as 5.0E-03 mg/kg/day and in food as 1.4E-01 mg/kg/day. The uncertainty factor for the oral RfD of manganese is 1. This is based on many large

populations consuming normal diets over an extended period of time with no adverse health effects. No one study is used to derive the dietary RfD. No quantitative information is available to indicate toxic levels in the human diet. Confidence in the database is medium as is confidence in the oral RfD.

IRIS lists an inhalation RfC of 5.0E-05 mg/m^3 based on an increased prevalence of respiratory symptoms and psychomotor disturbances in male workers occupationally exposed to inorganic manganese. The uncertainty factor for the RfC is 1000 (10 to protect sensitive individuals, 10 for the use of the LOAEL, and 10 for database limitations).

The confidence level for the RfC is medium. In the principal study and supporting studies, adequate numbers of manganese workers were matched with adequate numbers of control workers, but no monitoring data were available to characterize past manganese levels. Confidence in the database is also medium.

EPA has classified manganese as a Group D Carcinogen—Not Classifiable as to Human Carcinogenicity. The basis for this classification is the absence of human studies and the inadequacy of existing animal studies regarding carcinogenic potential. Classification of a chemical as Group D precludes quantitative toxicity assessment. Therefore, no slope factor was listed for manganese in either IRIS or HEAST.

G3.1.2.14 Selenium, 7782-49-2

Oral RfD: 5E-03 mg/kg/day

Carcinogen Classification: Group D—Not Classifiable as a Human Carcinogen

Uses

Selenium is ubiquitous in the environment and is an essential element for humans and animals. In the body, selenium helps prevent reoxygenation damage of tissues. Natural sources of selenium include volcanic eruptions and the weathering of selenium-containing rocks to soils. Anthropogenic sources of selenium result from the combustion of coal in the form of coal fly ash.

Health Effects

Selenium compounds have not been shown to cause cancer in humans. Selenium sulfide was found to be carcinogenic in animals; however, this compound is not present in food or the environment. Exposure to selenium compounds has not been shown to cause birth defects in humans or other mammals. It did, however, cause birth defects in birds (ATSDR, 1989).

Study Support

The chronic oral RfD for selenium is listed in IRIS as 5E-03 mg/kg/day. HEAST lists this value as the subchronic oral RfD. This is based on a human epidemiological study of approximately 400 individuals. The population lived in an area with high environmental concentrations of selenium. Three geographical areas with high, medium, and low levels of selenium were compared. Concentrations in soil and approximately 30 typical foods showed positive correlation with blood and tissue selenium levels. Persistent clinical signs (e.g., "garlic odor" in breath and urine; thick, brittle nails; hair loss; lowered hemoglobin levels; mottled teeth; skin lesions; and CNS abnormalities) of selenosis were seen in 5/349 adults, a potentially sensitive subpopulation. Their blood concentration ranged from 1.054 to 1.854 mg/L. At 750 to 850 μg/day, alterations of biochemical parameters such as elongated prothrombin time occurred. The lowest correlative selenium intake causing overt signs of selenosis was 1.261 mg, corresponding to 1.35 mg/L in whole blood. The NOAEL was 0.85-mg selenium/day and the LOAEL was 1.26-mg of selenium/day.

The uncertainty factor of 3 was used to derive the RfD to account for sensitive individuals. It was believed that a full factor of 10 was not necessary because of supporting studies. The confidence in the oral RfD is high based on support of the critical study and a high level of confidence in the database. There are currently no values listed for the inhalation RfD or RfC.

Selenium is classified as Group D—Not Classifiable as a Human Carcinogen. This is based on inadequate evidence in humans and in animals. Therefore, no slope factor is listed.

G3.1.2.15 Thallium, 7440-28-0

Oral RfD: None listed in IRIS or HEAST. The oral RfD for thallium carbonate, thallium chloride, and thallium sulfate is 8.0E-5 mg/kg/day.

Carcinogen Classification: Not listed in IRIS or HEAST

Uses

Thallium is a metal is obtained as a by-product of the refining of iron, cadmium, and zinc. It is used as a catalyst, in certain alloys, optical lenses, jewelry, low-temperature thermometers, semiconductors, dyes and pigments, and scintillation counters. Medically, it has been used as a depilatory. Thallium is a component in cigarette smoke. Thallium forms complexes in solution with halogens, nitrogen, oxygen, and sulfur. Thallous sulfate has been used as rat poison and insecticides.

Health Effects

Thallium can affect the central and peripheral nervous systems, cardiovascular system, gastrointestinal tract, lungs, liver, and kidneys if large amounts are ingested over short periods of time. The lethal oral dose of thallium acetate for humans is 12 mg/kg body weight (Browing, 1969; Proctor, et al., 1988). Death has been reported following a single estimated does of 54 to 110 mg thallium/kg (as thallium nitrate). Temporary hair loss in humans has been associated with the ingestion of thallium. Soluble thallium compounds are extremely toxic and intoxication is cumulative; this primarily affects the nervous system and body hair.

Study Support

There are no data on effects of acute or intermediate-duration inhalation exposure to thallium in humans or animals. Information on the effects of chronic-duration inhalation exposure in humans was not quantitative. Limited data on human and animal acute oral exposure to thallium suggest that the nervous system may be the target organ, but reliable dose-duration data were not available. Data on effects of intermediate-duration oral exposure in animals do not reliably identify the most sensitive target organ or the threshold for adverse effects. No data on effects of chronic-duration oral exposure to thallium were located. No studies were located regarding carcinogenicity in humans or animals after inhalation, oral, or dermal exposure to thallium. In the absence of epidemiological studies or long-term animal bioassays, the potential for thallium to cause cancer in humans cannot be determined (ATSDR, 1992).

G3.1.2.16 Toluene, 108-88-3

Oral RfD: 2.0E-01 mg/kg-day

Carcinogen Classification: Group D—Not Classifiable as to Human Carcinogenicity.

Uses

Toluene, a volatile organic compound, is a manufactured organic solvent. It is used in the production of benzene, benzyl chloride, benzoic acid, phenol, cresols, vinyl toluene, TNT and toluene diisocyante. It is also used as a solvent for paints, rubber and resins. It is a component of motor and aviation fuels. Toluene is also found in cigarette smoke.

Health Effects

The main toxic effects of acute inhalation exposure are on the CNS. The CNS response is biphasic, with an initial excitable phase followed by CNS depression. Toluene has the ability to dissolve fats and, as a result, causes pain when it comes in contact with the eye. Damage to the skin may occur upon dermal contact as a result of scattered loss of epithelial cells and solution of some of the fats that occur in these cells. Factory workers handling organic solvents such as toluene have been reported to have low sperm counts, abnormal sperm, and varying degrees of infertility (Thomas, 1991). Toluene has also been reported to decrease pulmonary function (FEV_1) (Amdur et al., 1991).

Study Support

A chronic oral RfD value of 2.0E-01 mg/kg-day is listed in IRIS. The subchronic oral RfD listed in HEAST is 2.0E-00 mg/kg-day. These values are based primarily on a subchronic gavage study in which rats were administered varying doses of toluene for 13 weeks. All animals receiving the highest dose (5000 mg/kg) died within the first week. In males, absolute and relative weights of both the liver and kidney were significantly increased at doses greater than or equal to 625 mg/kg. Absolute and relative weights of the liver, kidney, and heart were significantly increased at doses greater than or equal to 1250 mg/kg in females. The NOAEL for this study was 312 mg/kg-day based on liver and kidney weight changes in male rats at 625 mg/kg. Because the exposure was for 5 days/week, this dose is converted to 223 mg/kg-day. The LOAEL was 625 mg/kg, which is 446 mg/kg-day when converted.

An uncertainty factor of 1000 was applied to derive the RfD to account for inter- and intraspecies extrapolations, for subchronic to chronic extrapolation, and for limited reproductive and developmental toxicity data. The level of confidence in the oral RfD was medium. This rating reflects that a sufficient number of animals/sex were tested in six dose groups and that many parameters were studied, but that there was no reproductive study and that the oral studies were all subchronic. The chronic RfC of 4.0E-01

mg/m^3 has been verified according to the new interim methods for developing RfCs and is listed in IRIS. The subchronic inhalation RfC is listed in HEAST as 2.0E+00 mg/m^3.

EPA has classified toluene as Group D—Not Classifiable as to Human Carcinogenicity. This classification reflects the lack of human carcinogenicity data and inadequate animal data. Therefore, no slope factor is listed.

G3.1.2.17 Vanadium, 7440-62-2

Oral RfD: 7.0E-03 mg/kg/day

Carcinogen Classification: EPA has not evaluated vanadium for carcinogenicity.

Uses

Vanadium is a natural element in the earth. It also occurs in fuel oils and coal. A manufactured form, vanadium oxide, is used in making steel, and smaller amounts are used in making rubber, plastics, ceramics, insecticides, and certain other chemicals.

Health Effects

Most exposure to vanadium occurs in workers who are involved with metallurgy and boiler cleaning. Workers exposed chronically have shown signs of mild respiratory distress, such as coughing, wheezing, chest pain, runny nose, or sore throat. Irritation of the skin and eyes, gastrointestinal distress, nausea, vomiting, abdominal pain, cardiac palpitation, tremor, nervous depression, and kidney damage have been linked to industrial exposure (Amdur et al., 1991).

Study Support

HEAST lists an oral RfD of 7.0E-03 mg/kg/day for vanadium. This value is based on a chronic drinking water study conducted in rodents. However, no effects were observed, and this RfD is currently under review and subject to change. EPA has not evaluated vanadium for carcinogenicity.

G3.2 References

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Attachment G.4

Risk Characterization Methodology and Risk Model Output

G4.1 Risk Characterization Methodology

Risk characterization combines the possible exposure pathways and subsequent estimated chemical intakes with the appropriate toxicity values to form quantitative and qualitative expressions of potential health risk. Measured contaminant exposure levels as well as levels predicted after fate and transport modeling are compared with chemical-specific toxicity information to determine whether current or future levels of contamination, at or near the site, warrant concern for human health. The following subsections briefly describe the methodology used to estimate risk. The site-specific assessment will present the noncarcinogenic and carcinogenic risk estimates for each exposure scenario. The exposure and risk calculation Q-SMART output tables are presented here.

G4.1.1 Carcinogenic Effects

For all carcinogens, probabilities that an individual will develop cancer after a lifetime of exposure are estimated from projected exposure and the cancer slope factor. Exposure is quantified as the amount of a chemical available at the exchange boundary (i.e., skin, lungs, etc.) and available for absorption. The carcinogenic risk is calculated for each exposure scenario by the following equation:

$$\text{Risk} = \text{Exposure} \times \text{Slope Factor}.$$

The cancer slope factor converts estimated daily intakes directly to an estimate of incremental risk. Because the slope factor is often an upper 95th percentile confidence limit of the probability of response based on experimental animal data and an assumption of linearity in the low-dose portion of dose-response curves, the carcinogenic risk estimate will generally be an upper bound estimate. This means the "true risk" probability will not exceed the risk estimates generated for this assessment and is likely to be less than the predicted risk (EPA, 1991). When assessing risk from exposure via inhalation, unit risk factors were used instead of slope factors. Unit risk factors are toxicity values used to describe carcinogenic effects in terms of risk per unit concentration of the substance in the medium where human contact occurs.

The acceptable range for carcinogenic risk according to the EPA Superfund site remediation goal set forth in the National Contingency Plan (NCP) is 10^{-4} (1 in 10,000) to 10^{-6} (1 in 1,000,000). This range was derived to be protective of human health.

G4.1.2 Noncarcinogenic Effects

For noncarcinogens, comparisons are made between projected exposure of a chemical over a specified time period and its toxicity values, primarily an RfD or RfC derived for a similar exposure period. The hazard index (HI) is calculated for each exposure scenario by the following equation:

$$HI = E/RfD.$$

The ratio of exposure to toxicity value is the HI. However, the HI is not a statistical probability of a noncarcinogenic effect occurring and should not be interpreted as such. If the exposure level exceeds the appropriate toxicity value (i.e., if HI > 1), there may be concern for potential noncarcinogenic effects.

G4.1.3 Combining Risks Associated with Chemicals and Exposure Pathways

For each scenario addressed in this risk assessment, the estimated carcinogenic risk for potential carcinogens is generated on a chemical-by-chemical basis for each relevant pathway of exposure. The estimated risk is then summed for each chemical associated with a specific pathway to determine total risk by pathway. To determine the total exposure scenario risk, total risks for all pathways are summed.

The total risk number assumes that different carcinogens affect the same target organ to produce a cancer response, ignoring potential antagonistic or synergistic effects or disparate effects on different target organs. It also assumes that the single individual in the exposure scenario is exposed to site-related contaminants at estimated exposure concentrations by all pathways which make up the scenario. The scenarios were constructed to include all potential pathways of exposure; it is possible for a single individual to be exposed by all pathways in a scenario. It is less possible, though, that a single individual will be exposed by each pathway at the conservatively estimated concentrations in the exposure media. For example, it is not likely that one person will be chronically exposed to maximum off-site ambient air concentrations and to maximum off-site groundwater concentrations because the locations of these two maximums do not occur at the same place.

Likewise, the estimated HI for noncarcinogenic effects is generated on a chemical-by-chemical basis for each relevant pathway of exposure. The HI is then summed for each chemical associated with a specific pathway to determine the HI by pathway. The HI for all pathways are finally summed to determine the total hazard index for the exposure scenario.

If the total HI for a scenario is greater than one, indicating a potential cause for concern, it is sometimes appropriate to segregate the HI by critical effect and mechanism of action and summing the hazard quotients only for chemicals that affect the same target organ (EPA, 1991). If the HI summed for all relevant pathways of exposure but segregated by target organ, is less than one, there is less cause for concern about potential noncarcinogenic effects.

G4.2 Risk Model Output

A summary of the risks estimated for SWMU 231 is presented in Table G.4-1. Tables G.4-2 and G.4-3 present the potential carcinogenic and noncarcinogenic risks by exposure pathway and scenario, respectively. Tables G.4-4 through G.4-6 present the exposure assumptions and parameters for the recreational exposure. Table G.4-7 presents the plant uptake, and Table G.4-8 shows the intake by the black-tailed jackrabbit and ecological quotient for SWMU 231.

Table G.4-1
Risk Summary Table for SWMU 231

Summary of Cancer Risks by Scenario		
Scenario	**Average**	**Reas. Max.**
Subchronic Construction Worker, future	1.30e-07	1.90e-07
Recreational Child On-Site, present	2.30e-07	9.30e-07
Recreational Adult On-Site, present	1.80e-07	2.90e-06
Nearby Worker, present	1.70e-13	3.10e-13
Nearby Worker, future	1.70e-13	3.10e-13
Summary of Non-Cancer Risks by Scenario		
Scenario	**Average**	**Reas. Max.**
Subchronic Construction Worker, future	0.28	0.5
Recreational Child On-Site, present	3.70e-02	1.70e-01
Recreational Adult On-site, present	3.00e-02	1.70e-01
Nearby Worker, present	1.60e-06	2.80e-06
Nearby Worker, future	1.60e-06	2.80e-06

Table G.4-2
Potential Carcinogenic Risk for SWMU 231

Average Cancer Risk					
Subchronic Construction Worker, future					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	9.00e-09	0.00e+00	9.00e-09	7.13
2,5-Dimethylaniline	0.00e+00	9.10e-09	0.00e+00	9.10e-09	7.2
2,6-Dimethylaniline	0.00e+00	2.40e-10	0.00e+00	2.40e-10	0.193
3,4-Dimethylaniline	0.00e+00	8.60e-10	0.00e+00	8.60e-10	0.675
3,5-Dimethylaniline	0.00e+00	1.30e-09	0.00e+00	1.30e-09	1.02
Beryllium	1.80e-11	7.10e-08	3.50e-08	1.10e-07	83.8
Total by pathway	1.80e-11	9.20e-08	3.50e-08		
% Contribution by pathway	0.0138	72.2	27.8		
Scenario Total				1.30e-07	
Reas. Max. Cancer Risk					
Subchronic Construction Worker, future					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	2.50e-08	0.00e+00	2.50e-08	13.3
2,5-Dimethylaniline	0.00e+00	2.50e-08	0.00e+00	2.50e-08	13.5
2,6-Dimethylaniline	0.00e+00	6.20e-10	0.00e+00	6.20e-10	0.328
3,4-Dimethylaniline	0.00e+00	2.30e-09	0.00e+00	2.30e-09	1.21
3,5-Dimethylaniline	0.00e+00	3.40e-09	0.00e+00	3.40e-09	1.82
Beryllium	3.10e-11	8.80e-08	4.40e-08	1.30e-07	69.9
Total by pathway	3.10e-11	1.50e-07	4.40e-08		
% Contribution by pathway	0.0165	76.8	23.2		
Scenario Total				1.90e-07	

Table G.4-2
(Continued)

Average Cancer Risk					
Recreational Child, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	3.00e-09	0.00e+00	3.00e-09	1.3
2,5-Dimethylaniline	0.00e+00	3.10e-09	0.00e+00	3.10e-09	1.31
2,6-Dimethylaniline	0.00e+00	8.20e-11	0.00e+00	8.20e-11	0.035
3,4-Dimethylaniline	0.00e+00	2.90e-10	0.00e+00	2.90e-10	0.123
3,5-Dimethylaniline	0.00e+00	4.30e-10	0.00e+00	4.30e-10	0.185
Beryllium	8.10e-13	2.40e-08	2.00e-07	2.30e-07	97.1
Total by pathway	8.10e-13	3.10e-08	2.00e-07		
% Contribution by pathway	3.49e-04	13.1	86.9		
Scenario Total				2.30e-07	
Reas. Max. Cancer Risk					
Recreational Child, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	3.50e-08	0.00e+00	3.50e-08	3.76
2,5-Dimethylaniline	0.00e+00	3.50e-08	0.00e+00	3.50e-08	3.81
2,6-Dimethylaniline	0.00e+00	8.60e-10	0.00e+00	8.60e-10	0.0928
3,4-Dimethylaniline	0.00e+00	3.20e-09	0.00e+00	3.20e-09	0.342
3,5-Dimethylaniline	0.00e+00	4.80e-09	0.00e+00	4.80e-09	0.517
Beryllium	1.00e-11	1.20e-07	7.30e-07	8.50e-07	91.5
Total by pathway	1.00e-11	2.00e-07	7.30e-07		
% Contribution by pathway	1.09e-03	21.8	78.2		
Scenario Total				9.30e-07	

Table G.4-2
(Continued)

Average Cancer Risk					
Recreational Adult, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	2.10e-09	0.00e+00	2.10e-09	1.15
2,5-Dimethylaniline	0.00e+00	2.10e-09	0.00e+00	2.10e-09	1.16
2,6-Dimethylaniline	0.00e+00	5.70e-11	0.00e+00	5.70e-11	0.031
3,4-Dimethylaniline	0.00e+00	2.00e-10	0.00e+00	2.00e-10	0.109
3,5-Dimethylaniline	0.00e+00	3.00e-10	0.00e+00	3.00e-10	0.164
Beryllium	8.10e-13	1.70e-08	1.60e-07	1.80e-07	97.4
Total by pathway	8.10e-13	2.10e-08	1.60e-07		
% Contribution by pathway	4.42e-04	11.6	88.4		
Scenario Total				1.80e-07	
Reas. Max. Cancer Risk					
Recreational Adult, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
2,3/2,4-Dimethylaniline	0.00e+00	8.10e-08	0.00e+00	8.10e-08	2.77
2,5-Dimethylaniline	0.00e+00	8.30e-08	0.00e+00	8.30e-08	2.81
2,6-Dimethylaniline	0.00e+00	2.00e-09	0.00e+00	2.00e-09	0.0685
3,4-Dimethylaniline	0.00e+00	7.40e-09	0.00e+00	7.40e-09	0.252
3,5-Dimethylaniline	0.00e+00	1.10e-08	0.00e+00	1.10e-08	0.381
Beryllium	3.40e-11	2.90e-07	2.50e-06	2.80e-06	93.7
Total by pathway	3.40e-11	4.70e-07	2.50e-06		
% Contribution by pathway	1.16e-03	16	84		
Scenario Total				2.90e-06	

Table G.4-2
(Continued)

Average Cancer Risk					
Nearby Worker, present					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Beryllium	1.70e-13	1.70e-13	100		
Total by pathway	1.70e-13				
% Contribution by pathway	100				
Scenario Total		1.70e-13			
Reas. Max. Cancer Risk					
Nearby Worker, present					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Beryllium	3.10e-13	3.10e-13	100		
Total by pathway	3.10e-13				
% Contribution by pathway	100				
Scenario Total		3.10e-13			
Average Cancer Risk					
Nearby Worker, future					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Beryllium	1.70e-13	1.70e-13	100		
Total by pathway	1.70e-13				
% Contribution by pathway	100				
Scenario Total		1.70e-13			
Reas. Max. Cancer Risk					
Nearby Worker, future					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Beryllium	3.10e-13	3.10e-13	100		
Total by pathway	3.10e-13				
% Contribution by pathway	100				
Scenario Total		3.10e-13			

Table G.4-3
Potential Noncarcinogenic Risk for SWMU 231

Average Non-Cancer Hazard Index Summary					
Subchronic Construction Worker, future					
	Inhalation of Fugitive Dust	Ingestion of Soil	Dermal Contact with Soil	Total	% Contrib
Aluminum	0.00e+00	1.40e-02	3.60e-03	1.70e-02	6.17
Barium	3.10e-04	5.00e-03	1.30e-03	6.60e-03	2.35
Beryllium	0.00e+00	4.60e-04	2.30e-04	6.90e-04	0.244
Manganese (food)	7.60e-03	6.10e-03	3.00e-02	4.40e-02	15.5
Thallium	0.00e+00	1.40e-01	3.40e-02	1.70e-01	59.9
Vanadium	0.00e+00	7.50e-03	3.70e-02	4.50e-02	15.8
Total by pathway	7.90e-03	1.70e-01	1.10e-01		
% Contribution by pathway	2.78	59.5	37.7		
Scenario Total				0.28	
Reas. Max. Non-Cancer Hazard Index Summary					
Subchronic Construction Worker, future					
	Inhalation of Fugitive Dust	Ingestion of Soil	Dermal Contact with Soil	Total	% Contrib
Aluminum	0.00e+00	1.70e-02	4.30e-03	2.10e-02	4.24
Barium	5.10e-04	5.70e-03	1.50e-03	7.70e-03	1.56
Beryllium	0.00e+00	5.70e-04	2.90e-04	8.60e-04	0.174
Manganese (food)	1.40e-02	7.70e-03	3.80e-02	6.00e-02	12.1
Thallium	0.00e+00	2.80e-01	0.071	0.35	71
Vanadium	0.00e+00	9.10e-03	4.50e-02	5.40e-02	10.9
Total by pathway	1.40e-02	0.32	0.16		
% Contribution by pathway	2.87	64.8	32.3		
Scenario Total				0.5	

Table G.4-3
(Continued)

Average Non-Cancer Hazard Index Summary					
Recreational Child, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
Aluminum	0.00e+00	2.60e-04	1.10e-03	1.40e-03	3.77
Barium	8.00e-07	9.30e-05	4.30e-04	5.20e-04	1.4
Beryllium	0.00e+00	8.60e-06	7.30e-05	8.20e-05	0.22
Manganese (food)	2.00e-05	1.10e-04	9.70e-03	9.80e-03	26.3
Thallium	0.00e+00	2.50e-03	1.10e-02	1.30e-02	36
Vanadium	0.00e+00	1.40e-04	1.20e-02	1.20e-02	32.3
Total by pathway	2.00e-05	3.10e-03	3.40e-02		
% Contribution by pathway	0.0545	8.4	91.5		
Scenario Total				3.70e-02	
Reas. Max. Non-Cancer Hazard Index Summary					
Recreational Child, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
Aluminum	0.00e+00	1.30e-03	4.00e-03	5.30e-03	3.05
Barium	9.10e-06	4.40e-04	1.40e-03	1.90e-03	1.07
Beryllium	0.00e+00	4.40e-05	2.60e-04	3.10e-04	0.178
Manganese (food)	2.50e-04	6.00e-04	3.50e-02	3.60e-02	21
Thallium	0.00e+00	2.20e-02	0.065	0.087	50.3
Vanadium	0.00e+00	7.00e-04	4.10e-02	4.20e-02	24.4
Total by pathway	2.60e-04	2.50e-02	0.15		
% Contribution by pathway	0.149	14.4	85.5		
Scenario Total				0.17	

Table G.4-3
(Continued)

Average Non-Cancer Hazard Index Summary					
Recreational Adult, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
Aluminum	0.00e+00	1.80e-04	9.20e-04	1.10e-03	3.72
Barium	8.00e-07	6.50e-05	3.40e-04	4.10e-04	1.38
Beryllium	0.00e+00	6.00e-06	5.90e-05	6.50e-05	0.219
Manganese (food)	2.00e-05	7.90e-05	7.80e-03	7.90e-03	26.6
Thallium	0.00e+00	1.80e-03	8.70e-03	1.00e-02	35.5
Vanadium	0.00e+00	9.80e-05	9.60e-03	9.70e-03	32.6
Total by pathway	2.00e-05	2.20e-03	2.70e-02		
% Contribution by pathway	0.0686	7.4	92.5		
Scenario Total				3.00e-02	
Reas. Max. Non-Cancer Hazard Index Summary					
Recreational Adult, present					
	Inhalation of Fugitive Dust	**Ingestion of Soil**	**Dermal Contact with Soil**	**Total**	**% Contrib**
Aluminum	0.00e+00	9.00e-04	4.10e-03	5.00e-03	2.95
Barium	9.20e-06	3.10e-04	1.40e-03	1.70e-03	1.04
Beryllium	0.00e+00	3.10e-05	2.70e-04	3.00e-04	0.178
Manganese (food)	2.50e-04	4.20e-04	3.60e-02	3.70e-02	21.9
Thallium	0.00e+00	1.50e-02	0.066	0.082	48.5
Vanadium	0.00e+00	4.90e-04	4.20e-02	4.30e-02	25.4
Total by pathway	2.60e-04	1.70e-02	0.15		
% Contribution by pathway	0.154	10.3	89.5		
Scenario Total				0.17	

Table G.4-3
(Continued)

Average Non-Cancer Hazard Index Summary					
Nearby Worker, present					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Barium	6.20e-08	6.20e-08	3.93		
Manganese (food)	1.50e-06	1.50e-06	96.1		
Total by pathway	1.60e-06				
% Contribution by pathway	100				
Scenario Total		1.60e-06			
Reas. Max. Non-Cancer Hazard Index Summary					
Nearby Worker, present					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Barium	1.00e-07	1.00e-07	3.55		
Manganese (food)	2.70e-06	2.70e-06	96.4		
Total by pathway	2.80e-06				
% Contribution by pathway	100				
Scenario Total		2.80e-06			
Average Non-Cancer Hazard Index Summary					
Nearby Worker, future					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Barium	6.20e-08	6.20e-08	3.93		
Manganese (food)	1.50e-06	1.50e-06	96.1		
Total by pathway	1.60e-06				
% Contribution by pathway	100				
Scenario Total		1.60e-06			

Table G.4-3
(Continued)

Reas. Max. Non-Cancer Hazard Index Summary					
Nearby Worker, future					
	Inhalation of Fugitive Dust	**Total**	**% Contrib**		
Barium	1.00e-07	1.00e-07	3.55		
Manganese (food)	2.70e-06	2.70e-06	96.4		
Total by pathway	2.80e-06				
% Contribution by pathway	100				
Scenario Total		2.80e-06			

Table G.4-4
Potential Exposure from Inhalation of Ambient Air (Volatile Chemicals and Fugitive Dust)
Recreational Scenario at SWMU 231

Effective Air Concentration (EAC), (ug/m³) = (CA x IRA x ET x EF x ED)/(IRD x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CA = Chemical Concentration in Ambient Air (ug/m³)	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]
IRA = Inhalation Rate During Exposure (m³/hr)	0.96 [b]	2.4 [c]	0.833 [d]	2.1 [e]
ET = Exposure Time (hours/day)	0.25 [f]	1 [g]	0.25 [f]	1 [g]
EF = Exposure Frequency (days/year)	52 [h]	52 [h]	52 [h]	52 [h]
ED = Exposure Duration (years)	9 [i]	9 [i]	9 [i]	30 [j]
IRD = Daily Inhalation Rate (m³/day)	0.96 [b]	0.96 [b]	0.833 [d]	0.833 [d]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [k]	3285 [k]	3285 [k]	10950 [k]
-Carcinogenic effects	25550 [l]	25550 [l]	25550 [l]	25550 [l]

[a] See text and tables in Attachment G.1 for concentrations in ambient air.
[b] Child, average for ages 8 through 17, prorated for activity levels (U.S. EPA, 1989b).
[c] Child, averaged for ages 8 through 17, moderate activity level (U.S. EPA, 1989b).
[d] Adult, average (20 m³/day) (U.S. EPA, 1989b).
[e] Adult, moderate activity level (U.S. EPA, 1989b).
[f] Assumes riders ride through site without stopping.
[g] Assumes average ride of 2 hours (Morris, 1995), 1/2 of ride on-site.
[h] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[i] National median time (50th percentile) at one residence (U.S. EPA 1989b).
[j] National upper bound time--90th percentile--time at one residence (U.S. EPA 1989b).
[k] ED x 365 days/year.
[l] 70 years x 365 days/year.

Table G.4-5
Potential Exposure from Ingestion of Contaminated Soil
Recreactional Scenario at SWMU 231

Intake (mg/kg-day) = (CS x IR x CF x EF x ED)/(BW x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CS = Chemical Concentration in Soil (mg/kg)	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]	Chemical-specific [a]
IR = Ingestion Rate (mg soil/day)	30 [b]	125 [b]	30 [b]	125 [b]
CF = Conversion Factor (kg/mg)	1E-06	1E-06	1E-06	1E-06
FI = Fraction Ingested from contaminated source (unitless)	1 [c]	1 [c]	1 [c]	1 [c]
EF = Exposure Frequency (days/year)	52 [d]	52 [d]	52 [d]	52 [d]
ED = Exposure Duration (years)	9 [e]	9 [e]	9 [e]	30 [f]
BW = Body Weight (kg)	49 [g]	49 [g]	70 [h]	70 [h]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [i]	3285 [i]	3285 [i]	10950 [i]
-Carcinogenic effects	25550 [j]	25550 [j]	25550 [j]	25550 [j]

[a] See tables in Attachment B.2 for concentrations in soil.
[b] Amount of soil consumed per day while participating in outdoor recreational activities, prorated for amount of time spent on site (0.25 hrs/day for average exposure, 1 hr/day for reasonable maximum exposure. Represents an upper-range ingestion rate for children (1000 mg/day) (U.S. EPA 1989b).
[c] Assumes 100% of soil consumption is from contaminated source.
[d] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[e] National median time (50th percentile) at one residence (U.S. EPA 1989b).
[f] National upper bound time--90th percentile--time at one residence (U.S. EPA 1989b).
[g] Body weight averaged for ages 8 through 17 (U.S. EPA, 1991).
[h] Body weight, adult, average (U.S. EPA 1989b).
[i] ED x 365 days/year.
[j] 70 years x 365 days/year.

Table G.4-6
Potential Exposure from Dermal Contact with Chemicals in Contaminated Soil
Recreational Scenario SWMU 231

Intake (mg/kg-day) = (CS x CF x SA x AF x ABS x EF x ED) / (BW x AT)	Assumptions			
	Child		Adult	
Parameters	Average	Reasonable Maximum	Average	Reasonable Maximum
CS = Chemical Concentration in Soil (mg/kg)	Chemical-Specific [a]	Chemical-Specific [a]	Chemical-Specific [a]	Chemical-Specific [a]
CF = Conversion Factor (kg/mg)	1E-06	1E-06	1E-06	1E-06
SA = Skin Surface Area Available for Contact (cm^2/event)	4620 [b]	13330 [c]	5300 [d]	19400 [e]
AF = Soil to Skin Adherence Factor (mg/cm^2)	2.77 [f]	2.77 [f]	2.77 [f]	2.77 [f]
ABS = Absorption Factor (unitless)	Chemical-Specific [g]	Chemical-Specific [g]	Chemical-Specific [g]	Chemical-Specific [g]
EF = Exposure Frequency (events/year)	52 [h]	52 [h]	52 [h]	52 [h]
ED = Exposure Duration (years)	9 [i]	9 [i]	9 [i]	30 [j]
BW = Body Weight (kg)	49 [k]	49 [k]	70 [l]	70 [l]
AT = Averaging Time (period over which exposure is averaged--days)				
-Noncarcinogenic effects	3285 [m]	3285 [m]	3285 [m]	10950 [m]
-Carcinogenic effects	25550 [n]	25550 [n]	25550 [n]	25550 [n]

[a] See tables in Attachment B.2 for concentrations in soil.
[b] Child, averaged for ages 8 through 17 (means, skin surface areas for forearms, hands, lower legs, and head) (U.S. EPA 1989b).
[c] Child, averaged for ages 8 through 17 (means, whole body) (U.S. EPA 1989b).
[d] Adult, average (mean skin surface area for forearms, hands, lower legs, and head) (U.S. EPA 1989b).
[e] Adult, average, whole body (U.S. EPA 1989b).
[f] Kaolin clay (for hands) (U.S. EPA, 1989a).
[g] Chemical-specific absorption factors for organic and inorganic compounds.
[h] Assumes riders ride 2 days/week, one day per week at same location (Morris, 1995).
[i] National median time (50th percentile) at one residence (U.S. EPA, 1989b).
[j] National upper bound--90th percentile--time at one residence (U.S. EPA, 1989b).
[k] Body weight averaged for ages 8 through 17 (U.S. EPA, 1989b).
[l] Body weight, adult average (U.S. EPA, 1989b).
[m] ED x 365 days/year.
[n] 70 years x 365 days/year.

Table G.4-7
Estimated Concentrations in Plants

AS A RESULT OF UPTAKE FROM CONTAMINATED GROUNDWATER

Cp = (Cw)(UF)

where: Cp = concentration in plant - from water uptake (mg/kg)
Cw = concentration in groundwater (mg/kg)
UF = uptake factor (mg/kg plant divided by mg/kg water)

Chemical	Cw (mg/kg)	UF (veg.) (mg/kg plant/ mg/kg water)	Cp (mg/kg)
Aluminum	1.49E+00	0.0009	1.34E-03
Arsenic	2.00E-03	0.0088	1.76E-05
Calcium	9.96E+02	0.77	7.67E+02
Chromium	1.20E-02	0.0017	2.04E-05
Cobalt	7.00E-03	0.0044	3.08E-05
Copper	1.23E-01	0.088	1.08E-02
Iron	1.13E+00	0.0009	1.02E-03
Lead	5.50E-03	0.0099	5.45E-05
Magnesium	5.93E+02	0.22	1.30E+02
Manganese	1.30E-01	0.055	7.15E-03
Potassium	8.92E+00	0.22	1.96E+00
Selenium	8.66E-03	0.0055	4.76E-05
Sodium	1.96E+03	0.0165	3.23E+01
Chloroform	2.00E-04	0.6191	1.24E-04
N-Nitrosodimethylamine	9.80E-03	NA	0.00E+00
Tetrachloroethene	7.60E-03	0.2938	2.23E-03
Trichloroethene	6.50E-04	0.2938	1.91E-04

Table G.4-7
(Continued)

AS A RESULT OF UPTAKE FROM CONTAMINATED SOIL

Cp = (Cs)(UF)

where: Cp = concentration in plant - as a result of uptake from soil (mg/kg)
Cs = concentration in contaminated soil (mg/kg)
UF = uptake factor (mg/kg plant divided by mg/kg soil)

Chemical	Cw (mg/kg)	UF (veg.) (mg/kg plant/ mg/kg water)	Cp (mg/kg)
Surface Soil			
Aluminum	1.03E+04	0.0009	9.26E+00
Antimony	2.05E-01	0.044	9.02E-03
Barium	8.50E+01	0.033	2.81E+00
Beryllium	6.12E-01	0.0022	1.35E-03
Cadmium	7.43E-01	0.121	8.99E-02
Chromium	8.38E+00	0.0017	1.42E-02
Cobalt	3.86E+00	0.0044	1.70E-02
Copper	8.74E+00	0.088	7.69E-01
Iron	9.35E+03	0.0009	8.42E+00
Magnesium	8.51E+03	0.22	1.87E+03
Manganese	2.31E+02	0.055	1.27E+01
Nickel	7.14E+00	0.0132	9.42E-02
Potassium	3.23E+03	0.22	7.11E+02
Selenium	1.73E+00	0.0055	9.52E-03
Thallium	4.79E+00	0.0009	4.31E-03
Vanadium	1.35E+01	0.0012	1.62E-02
Zinc	2.89E+01	0.33	9.54E+00
2,3/2,4-Dimethylaniline	9.95E-01	NA	0.00E+00
2,5-Dimethylaniline	1.00E+00	NA	0.00E+00
2,6-Dimethylaniline	2.50E-02	NA	0.00E+00
3,4-Dimethylaniline	9.00E-02	NA	0.00E+00
3,5-Dimethylaniline	1.37E-01	NA	0.00E+00
Aniline	7.50E-03	1	7.50E-03
Chlorobenzene	2.00E-03	0.1945	3.89E-04
Ethyl benzene	3.00E-03	0.1287	3.86E-04
Furfuryl Alcohol	9.50E-02	NA	0.00E+00
Methylene chloride	1.60E-02	1	1.60E-02
Toluene	1.80E-02	0.2375	4.28E-03
Xylenes	2.30E-02	0.1112	2.56E-03

Table G.4-7
(Continued)

Chemical	Cw (mg/kg)	UF (veg.) (mg/kg plant/ mg/kg water)	Cp (mg/kg)
Subsurface Soil			
Aluminum	5.76E+03	0.0009	5.18E+00
Antimony	1.77E-01	0.044	7.79E-03
Arsenic	1.24E+00	0.0088	1.09E-02
Barium	5.79E+01	0.033	1.91E+00
Beryllium	3.51E-01	0.0022	7.72E-04
Cadmium	7.20E-01	0.121	8.71E-02
Chromium	5.19E+00	0.0017	8.82E-03
Cobalt	1.88E+00	0.0044	8.27E-03
Iron	6.22E+03	0.0009	5.60E+00
Lead	5.38E+00	0.0099	5.33E-02
Manganese	1.22E+02	0.055	6.71E+00
Nickel	4.14E+00	0.0132	5.46E-02
Selenium	8.44E-01	0.0055	4.64E-03
Silver	6.27E-01	0.088	5.52E-02
Vanadium	1.09E+01	0.0012	1.31E-02
Zinc	1.90E+01	0.33	6.27E+00
2,4-Dimethylphenol	7.00E-02	0.3401	2.38E-02
2-Methylnaphthalene	5.32E-01	0.05	2.66E-02
Aniline	1.20E-02	1	1.20E-02
Chlorobenzene	2.00E-03	0.1945	3.89E-04
Methylene chloride	3.00E-03	1	3.00E-03
Naphthalene	1.85E-01	0.0961	1.78E-02
Toluene	8.20E-03	0.2375	1.95E-03
Xylenes	8.40E-03	0.1112	9.34E-04

Table G.4-8
Intake By Lepus californicus (As a Result of Plant and Soil Ingestion) and Ecological Risk Characterization for SWMU 231

IN = (B)[(FIf)(Cdr)(IRdr)+(Fif)(Csr)(IRsr)+(FIs)(Cs)(IRs)]/BW
where: IN = Intake of contaminants of concern (mg/kg-day)
B = Fraction of contaminant in feed which is bioavailable (unitless)
FIf = Fraction ingested of food (feed) from contaminanted source (unitless)
Cdr = Chemical concentration in deep-rooted plants (mg/kg)
Csr = Chemical concentration in shallow-rooted plants (mg/kg)
IRdr = Ingestion rate deep rooted plants (kg/day)
IRsr = Ingestion rate for shallow rooted plants (kg/day)
FIs = Fraction of soil ingested from contaminanted source (unitless)
Cs = Chemical concentration in soil (mg/kg)
IRs = Ingestion rate for soil (kg/day)
BW = 2.75 kg for black-tailed jackrabbit (Lepus californicus)

Chemical	B	FIf	Cdr (mg/kg)	IRdr (kg/day)	FIf	Csr (mg/kg)	IRsr (kg/day)	FIs	Cs (mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-	Ecological Quotient
Surface Soil Contaminants													
Aluminum	1.0	1.0	0.00E+00	0.0091	1.0	9.26E+00	0.0819	1.0	1.03E+04	0.004	1.52E+01	1.90E+01	8.02E-01
Antimony	1.0	1.0	0.00E+00	0.0091	1.0	9.02E-03	0.0819	1.0	2.05E-01	0.004	5.67E-04	3.50E-01	1.62E-03
Barium	1.0	1.0	0.00E+00	0.0091	1.0	2.81E+00	0.0819	1.0	8.50E+01	0.004	2.07E-01	7.00E-01	2.96E-01
Beryllium	1.0	1.0	0.00E+00	0.0091	1.0	1.35E-03	0.0819	1.0	6.12E-01	0.004	9.30E-04	6.20E-01	1.50E-03
Cadmium	1.0	1.0	0.00E+00	0.0091	1.0	8.99E-02	0.0819	1.0	7.43E-01	0.004	3.76E-03	3.00E-02	1.25E-01
Chromium	1.0	1.0	0.00E+00	0.0091	1.0	1.42E-02	0.0819	1.0	8.38E+00	0.004	1.26E-02	2.40E+00	5.26E-03
Cobalt	1.0	1.0	0.00E+00	0.0091	1.0	1.70E-02	0.0819	1.0	3.86E+00	0.004	6.12E-03	5.00E+00	1.22E-03
Copper	1.0	1.0	0.00E+00	0.0091	1.0	7.69E-01	0.0819	1.0	8.74E+00	0.004	3.56E-02	7.90E+00	4.51E-03
Iron	1.0	1.0	0.00E+00	0.0091	1.0	8.42E+00	0.0819	1.0	9.35E+03	0.004	1.39E+01	NA	
Magnesium	1.0	1.0	0.00E+00	0.0091	1.0	1.87E+03	0.0819	1.0	8.51E+03	0.004	6.81E+01	NA	
Manganese	1.0	1.0	0.00E+00	0.0091	1.0	1.27E+01	0.0819	1.0	2.31E+02	0.004	7.14E-01	1.50E+03	4.76E-04
Nickel	1.0	1.0	0.00E+00	0.0091	1.0	9.42E-02	0.0819	1.0	7.14E+00	0.004	1.32E-02	5.00E+00	2.64E-03
Potassium	1.0	1.0	0.00E+00	0.0091	1.0	7.11E+02	0.0819	1.0	3.23E+03	0.004	2.59E+01	NA	
Selenium	1.0	1.0	0.00E+00	0.0091	1.0	9.52E-03	0.0819	1.0	1.73E+00	0.004	2.80E-03	3.16E+01	8.86E-05
Thallium	1.0	1.0	0.00E+00	0.0091	1.0	4.31E-03	0.0819	1.0	4.79E+00	0.004	7.10E-03	2.00E-01	3.55E-02
Vanadium	1.0	1.0	0.00E+00	0.0091	1.0	1.62E-02	0.0819	1.0	1.35E+01	0.004	2.01E-02	7.00E-01	2.87E-02
Zinc	1.0	1.0	0.00E+00	0.0091	1.0	9.54E+00	0.0819	1.0	2.89E+01	0.004	3.26E-01	5.50E+01	5.93E-03

Table G.4-8
(Continued)

Chemical	B	FIf	Cdr (mg/kg)	IRdr (kg/day)	FIf	Csr (mg/kg)	IRsr (kg/day)	FIs	Cs (mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-day)	Ecological Quotient
Surface Soil Contaminants (continued)													
2,3/2,4-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.95E-01	0.004	1.45E-03	7.80E+01	1.86E-05
2,5-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	1.00E+00	0.004	1.45E-03	2.16E+02	6.73E-06
2,6-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	2.50E-02	0.004	3.64E-05	1.40E+02	2.60E-07
3,4-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.00E-02	0.004	1.31E-04	1.20E+02	1.09E-06
3,5-Dimethylaniline	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	1.37E-01	0.004	1.99E-04	1.18E+02	1.69E-06
Aniline	1.0	1.0	0.00E+00	0.0091	1.0	7.50E-03	0.0819	1.0	7.50E-03	0.004	2.34E-04	7.30E+01	3.21E-06
Chlorobenzene	1.0	1.0	0.00E+00	0.0091	1.0	3.89E-04	0.0819	1.0	2.00E-03	0.004	1.45E-05	6.00E+01	2.42E-07
Ethyl benzene	1.0	1.0	0.00E+00	0.0091	1.0	3.86E-04	0.0819	1.0	3.00E-03	0.004	1.59E-05	9.71E+01	1.63E-07
Furfuryl Alcohol	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	9.50E-02	0.004	1.38E-04	4.58E+01	3.02E-06
Methylene chloride	1.0	1.0	0.00E+00	0.0091	1.0	1.60E-02	0.0819	1.0	1.60E-02	0.004	5.00E-04	5.85E+00	8.54E-05
Toluene	1.0	1.0	0.00E+00	0.0091	1.0	4.28E-03	0.0819	1.0	1.80E-02	0.004	1.53E-04	2.23E+02	6.88E-07
Xylenes	1.0	1.0	0.00E+00	0.0091	1.0	2.56E-03	0.0819	1.0	2.30E-02	0.004	1.10E-04	1.79E+02	6.12E-07
Subsurface Soil Contaminants													
Aluminum	1.0	1.0	5.18E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.72E-02	1.90E+01	9.03E-04
Antimony	1.0	1.0	7.79E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.58E-05	3.50E-01	7.36E-05
Arsenic	1.0	1.0	1.09E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.61E-05	7.00E-01	5.16E-05
Barium	1.0	1.0	1.91E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.32E-03	7.00E-01	9.03E-03
Beryllium	1.0	1.0	7.72E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.56E-06	6.20E-01	4.12E-06
Cadmium	1.0	1.0	8.71E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.88E-04	3.00E-02	9.61E-03
Chromium	1.0	1.0	8.82E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.92E-05	2.40E+00	1.22E-05
Cobalt	1.0	1.0	8.27E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.74E-05	5.00E+00	5.47E-06
Iron	1.0	1.0	5.60E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.85E-02	NA	
Lead	1.0	1.0	5.33E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.76E-04	9.00E-01	1.96E-04
Manganese	1.0	1.0	6.71E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.22E-02	1.50E+03	1.48E-05
Nickel	1.0	1.0	5.46E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.81E-04	5.00E+00	3.62E-05
Selenium	1.0	1.0	4.64E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.54E-05	3.16E+01	4.86E-07
Silver	1.0	1.0	5.52E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.83E-04	1.81E+01	1.01E-05
Vanadium	1.0	1.0	1.31E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.33E-05	7.00E-01	6.18E-05
Zinc	1.0	1.0	6.27E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.07E-02	5.50E+01	3.77E-04
2,4-Dimethylphenol	1.0	1.0	2.38E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	7.88E-05	NA	
2-Methylnaphthalene	1.0	1.0	2.66E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	8.80E-05	2.72E+02	3.24E-07

Table G.4-8
(Continued)

Chemical	B	Flf	Cdr (mg/kg)	IRdr (kg/day)	Flf	Csr (mg/kg)	IRsr (kg/day)	Fls	Cs (mg/kg)	IRs (kg/day)	IN (mg/kg-day)	NOAEL (mg/kg-day)	Ecological Quotient
Subsurface Soil Contaminants (continued)													
Aniline	1.0	1.0	1.20E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.97E-05	7.30E+01	5.44E-07
Chlorobenzene	1.0	1.0	3.89E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.29E-06	6.00E+01	2.15E-08
Methylene chloride	1.0	1.0	3.00E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	9.93E-06	5.85E+00	1.70E-06
Naphthalene	1.0	1.0	1.78E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	5.88E-05	4.50E+02	1.31E-07
Toluene	1.0	1.0	1.95E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.44E-06	2.23E+02	2.89E-08
Xylenes	1.0	1.0	9.34E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.09E-06	1.79E+02	1.73E-08
Groundwater Contaminants													
Aluminum	1.0	1.0	1.34E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.44E-06	1.90E+01	2.34E-07
Arsenic	1.0	1.0	1.76E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	5.82E-08	7.00E-01	8.32E-08
Calcium	1.0	1.0	7.67E+02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.54E+00	NA	
Chromium	1.0	1.0	2.04E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.75E-08	2.40E+00	2.81E-08
Cobalt	1.0	1.0	3.08E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.02E-07	5.00E+00	2.04E-08
Copper	1.0	1.0	1.08E-02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.58E-05	7.90E+00	4.53E-06
Iron	1.0	1.0	1.02E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	3.37E-06	NA	
Lead	1.0	1.0	5.45E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.80E-07	9.00E-01	2.00E-07
Magnesium	1.0	1.0	1.30E+02	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.32E-01	NA	
Manganese	1.0	1.0	7.15E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	2.37E-05	1.50E+03	1.58E-08
Potassium	1.0	1.0	1.96E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.49E-03	NA	
Selenium	1.0	1.0	4.76E-05	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.58E-07	3.16E+01	4.99E-09
Sodium	1.0	1.0	3.23E+01	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	1.07E-01	NA	
Chloroform	1.0	1.0	1.24E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	4.10E-07	2.60E+00	1.58E-07
N-Nitrosodimethylamine	1.0	1.0	0.00E+00	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	0.00E+00	4.60E+00	0.00E+00
Tetrachloroethene	1.0	1.0	2.23E-03	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	7.39E-06	1.40E+01	5.28E-07
Trichloroethene	1.0	1.0	1.91E-04	0.0091	1.0	0.00E+00	0.0819	1.0	0.00E+00	0.004	6.32E-07	5.00E+01	1.26E-08
												Total EQ	1.33E+00