Los Alamos National Laboratory

ENVIRONMENTAL RESTORATION

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APR 1996 RECEIVED

Date: April 19, 1996
Refer to: EM/ER:96-220

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: FINAL ACCELERATED CLEANUP REPORTS 69-001
C-09-001

Dear Mr. Garcia:

Enclosed are the final reports and Certifications of Completion for the voluntary corrective actions completed in Fiscal Year 1995. The reports with potential release sites (PRSs) listed in the Hazardous and Solid Waste Amendments (HSWA) Module of the Los Alamos National Laboratory's Resource Conservation and Recovery Act operating permit contain our request for no further action (NFA). Upon your approval of these reports, we will submit a permit modification request for NFA of these PRSs.

For PRSs not listed in the HSWA Module, reports are included as informational copies for your records.

If you have any questions, please call David Bradbury at 505-665-6208.

Thank you for your timely attention to this matter.

Sincerely,

Jorg Jansen, Program Manager
Environmental Restoration

Sincerely,

Theodore Taylor, Program Manager
Los Alamos Area Office

JJ/TT/rfr

3337

Enclosures: (1) Final Reports for HSWA: C-9-001, 6-007(f), 8-005, 16-016(b), 18-001(a), 19-002, 21-013(c), 21-013(d), 21-013(e), 21-024(d), 21-024(e), 21-024(h), 31-001, 33-016, 39-007(a), and 69-001
(2) Final Reports for non-HSWA: C-0-036(a-d), C-0-041, C-10-001, C-21-027, C-36-001, 0-032, 1-001(f), 3-003(p), 3-022, 3-047(d), 3-051(c), 9-010(a-b), 16-011, 16-016(f), 20-003(c), 21-022(j), 39-002(c), 53-010, and 57-006
(3) Certifications of Completion

Cy (w/enclosures):
B. Driscoll, EPA, R.6, 6PD-N, (2 copies of HSWA)
D. Griswold, ERD, AL, MS A906
J. Harry, EM/ER, MS M992
B. Hoditschek, NMED-HRMB
R. Kern, NMED-HRMB
N. Naraine, EM-453, DOE-HQ
M. Shaner, P&PI, MS J591 (5 copies)
N. Weber, Bureau Chief, NMED-AIP, MS J993
J. White, ESH-19, MS K490
S. Yanicak, NMED-AIP, MS J993
RPF, MS M707

Cy (w/o enclosures):
T. Baca, EM, MS J591
D. Bradbury, EM/ER, MS M992
T. Glatzmaier, DDEES/ER, MS M992
D. McInroy, EM/ER, MS M992
G. Rael, ERD, AL, MS A906
W. Spurgeon, EM-453, DOE-HQ
T. Taylor, LAAO, MS A316
J. Vozella, LAAO, MS A316
EM/ER File, MS M992

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Voluntary Corrective Action Completion Report for

Potential Release Sites
C-09-001
69-001

Field Unit 5

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Environmental
Restoration
Project

February 26, 1996
Revision 1

A Department of Energy
Environmental Cleanup Project

Los Alamos
NATIONAL LABORATORY

LA-UR-96-1125

Table of Contents

GROUP 7 Page

PRS at FU5, TA-9, Old Anchor Site East
Voluntary Corrective Action Completion Report
Potential Release Site C-09-001, Stained Soil 1
Certification of Completion 5

PRS at FU5, TA-69, Two Mile Mesa Site
Voluntary Corrective Action Completion Report
Potential Release Site 69-001, Incinerator Pond Bed 6

TABLES

Table 1. Summary of Confirmatory Sampling Analytical Results and Data Comparison, Potential Release Site C-09-001, Stained Soil 4

Table 2. Summary of Confirmatory Sampling Analytical Results and Data Comparison, Potential Release Site 69-001, Incinerator Pond Bed 10

FIGURES

Figure 1. Excavation and Confirmatory Sampling Locations for PRS C-09-001, Stained Soil 3

Figure 2. Excavation and Confirmatory Sampling Locations for PRS 69-001, Incinerator Pond Bed 9

APPENDICES

Appendix A RFI Sampling Data for PRS C-09-001

Appendix B RFI Sampling Data for PRS 69-001

FINAL REPORT

Voluntary Corrective Action Completion Report
Potential Release Site C-09-001,
Stained Soil

Environmental Restoration Project
Field Unit 5
Los Alamos National Laboratory

February 26, 1996

A Department of Energy

Environmental Cleanup Project

Voluntary Corrective Action Completion Report Potential Release Site C-09-001, Stained Soil

DESCRIPTION

Potential Release Site (PRS) C-09-001 is located at Los Alamos National Laboratory's (Laboratory) Technical Area (TA) 9, outside of building TA-09-31. The site consisted of stained ground beneath a drainpipe at the southeast corner of the building, which had been used for chemical storage. The drainpipe, now plugged, was a discharge from spill containment trays within the building. The stained area measured approximately 2 ft by 3 ft.

The PRS was a chemical storage facility that may have contained organic compounds and solvents. This site is included in the Hazardous and Solid Waste Amendments (HSWA) Module of the Laboratory's Resource Conservation and Recovery Act (RCRA) Permit, EPA I.D. NM0890010515.

The time during which the drainage pipe may have operated is not known, except that the structures in the area were built in the early 1940's and were in use until the 1950's.

RFI HISTORY

RCRA facility investigation (RFI) field work was completed in July 1994. Sampling work was conducted in accordance with the work plan. Soil samples collected during the July 1994 RFI contained the following polycyclic aromatic hydrocarbons (PAHs) above screening action levels (SALs): benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene. The PAHs were in the upper 6 in of soil. Of these four contaminants, only benzo(a)pyrene was present at concentrations exceeding preliminary remediation goals (PRGs) and was the only contaminant of concern (COC) at the site.

Due to the limited amount of contamination, a voluntary corrective action (VCA) was deemed appropriate to remove the contaminated areas. Appendix A contains the RFI sampling data.

This VCA Completion Report is submitted in lieu of an RFI Report.

CORRECTIVE ACTION

The cleanup followed the approved VCA Plan. Cleanup began and ended on September 5, 1995.

During the VCA, the site and waste were field screened for gross alpha/beta/gamma radioactivity, volatile organic vapors and high explosives using hand-held instruments and field test kits. High explosives were not detected and no radioactivity or volatile organic vapors were detected above background levels. The stained area was excavated with hand tools to a depth of approximately 2 ft. Stained soil was also removed starting from the excavated area and extending westward along the side of the building for approximately 3 ft.

The waste soils were placed in appropriately labeled containers which are being stored at the site, pending disposal. The waste consists of two 55-gal drums of excavated soil and one 55-gal drum of personal protective equipment which was placed in plastic bags prior to placement in the drum. The waste was disposed of at TA-54, Area L, as hazardous waste.

Confirmatory sampling was performed (Figure 1) to verify site cleanup. Confirmatory samples were collected on September 7, 1995. Two confirmatory samples, spaced 24 in apart, were taken from the excavated area. The confirmatory samples were analyzed for volatile organic compounds by SW-846 method 8240 and for semi-volatile organic compounds by SW-846 method 8270. Confirmatory sampling analytical results and their comparison with the PRGs are presented in Table 1. In cases where the analytes are below their respective detection limits, no statistical comparison to PRGs could be performed. The confirmatory analytical data show that benzo(a)pyrene, as well as benzo(a)anthracene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene, were not detected and are, therefore, below their respective PRGs. All previously-obtained site characterization data, as well as VCA field screening data, are available and will be provided upon request.

Site restoration consisted of filling the excavated areas with clean material, recontouring, and reseeding the site with native grasses.

REQUEST FOR REGULATORY CONCURRENCE

The results of activities presented herein serve as the formal request for regulator concurrence to remove PRS C-09-001 from the HSWA Module.

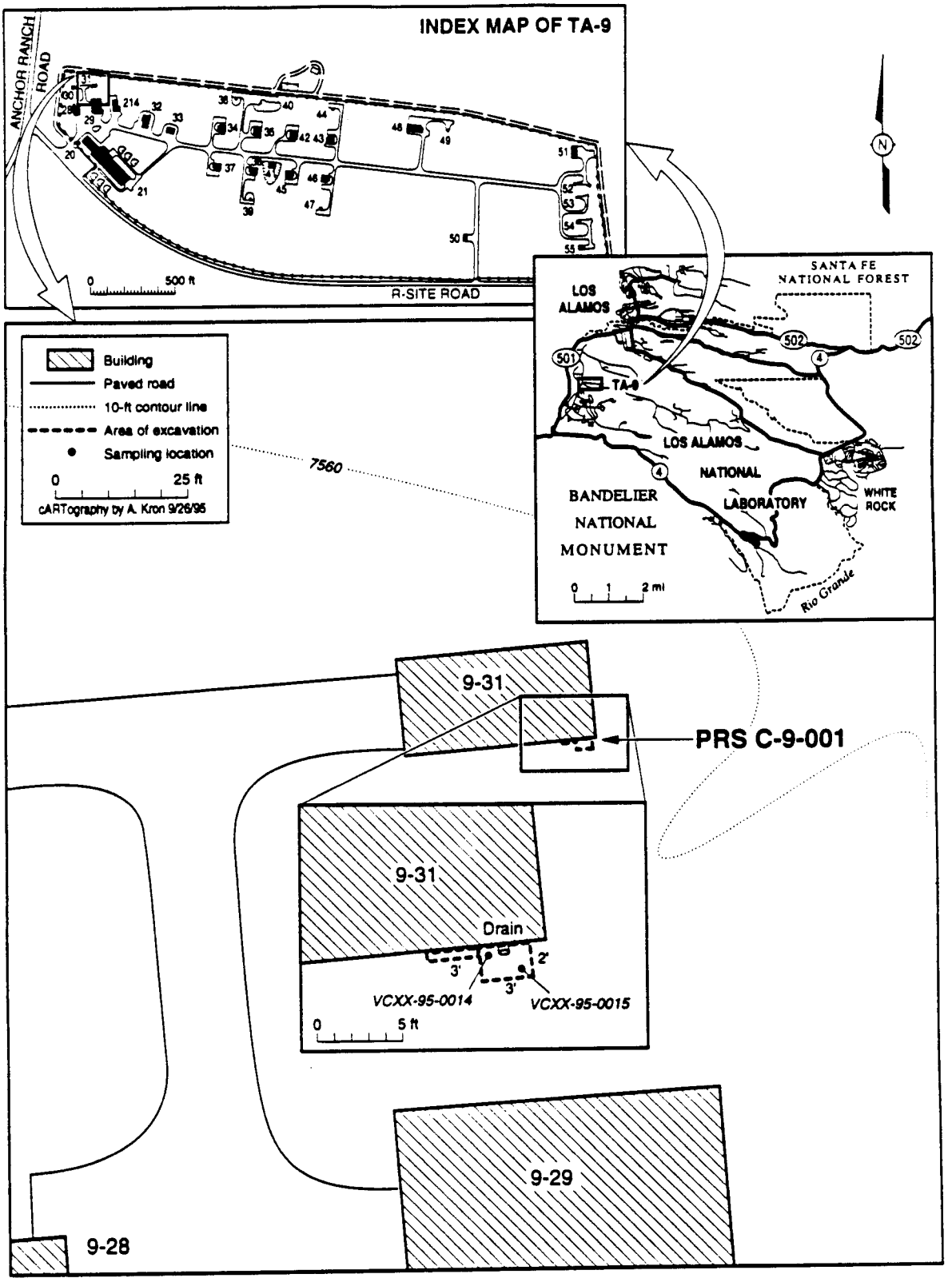


Figure 1. Excavation and confirmatory sampling locations for PRS C-09-001, Stained Soil

Table 1. Summary of Confirmatory Sampling Analytical Results and Data Comparison, Potential Release Site C-09-001, Stained Soil

Analyte	Loc ID	Sample ID	Matrix	Sample Value	Units	Depth (in.)	Analysis Qualifier
Benzo(a)anthracene	09-10001	VCXX-95-0014	SOIL	0.331	MGKG	0-6	U
Benzo(a)anthracene	09-10002	VCXX-95-0015	SOIL	0.333	MGKG	0-6	U
95% UCL of Mean				ND			
PRG				7.84E+00	MG/KG		
Benzo(a)pyrene	09-10001	VCXX-95-0014	SOIL	0.331	MGKG	0-6	U
Benzo(a)pyrene	09-10002	VCXX-95-0015	SOIL	0.333	MGKG	0-6	U
95% UCL of Mean				ND			
PRG				7.84E-01	MG/KG		
Benzo(b)fluoranthene	09-10001	VCXX-95-0014	SOIL	0.331	MGKG	0-6	U
Benzo(b)fluoranthene	09-10002	VCXX-95-0015	SOIL	0.333	MGKG	0-6	U
95% UCL of Mean				ND			
PRG				7.84E+00	MG/KG		
Indeno(1,2,3-c,d)pyrene	09-10001	VCXX-95-0014	SOIL	0.331	MGKG	0-6	U
Indeno(1,2,3-c,d)pyrene	09-10002	VCXX-95-0015	SOIL	0.333	MGKG	0-6	U
95% UCL of Mean				ND			
PRG				7.84E+00	MG/KG		

U = Material analyzed for but not detected. Analytical result reported is less than the sample quantitation limit.

CERTIFICATION OF COMPLETION

I certify that all work pertaining to the voluntary corrective action (VCA) C-09-001 has been completed in accordance with the Department of Energy-approved VCA plan and entitled **VCA Plan for Potential Release Site C-09-001, Stained Soil**. Based on my personal involvement or inquiry of the person or persons who managed this cleanup, a review of all data gathered, and a visit to the site, to the best of my knowledge and belief, all criteria of the plan have been met or exceeded. I believe that the completion of this VCA is protective to both human health and the environment. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Cheryl Rofer

Cheryl Rofer
Field Unit Five Project Leader
Environmental Restoration Project
Los Alamos National Laboratory

March 25, 1996
Date Signed

FINAL REPORT

Voluntary Corrective Action Completion Report
Potential Release Site 69-001,
Two Mile Mesa Incinerator Pond Bed

Environmental Restoration Project
Field Unit 5
Los Alamos National Laboratory

February 26, 1996

A Department of Energy

Environmental Cleanup Project

Voluntary Corrective Action Completion Report Potential Release Site 69-001, Two Mile Mesa Incinerator Pond Bed

DESCRIPTION

Potential Release Site (PRS) 69-001 is located within Technical Area (TA) 69, which consists of structures located at the intersection of Anchor Ranch Road and Two-Mile Mesa Road and the northeast section of TA-6. This area was designated as TA-69 in September 1989. The site is northeast of building TA-69-3.

This PRS consists of a dry, unlined pond located northeast of the Two-Mile Mesa incinerator building (TA-69-3), which houses two inactive incinerators. The incinerators were used to destroy large quantities of classified documents and viewgraphs from 1959 until the late 1970s. The ash and all of the noncombustible materials removed from the incinerator were transferred to the pond. The ash from the secondary combustion chamber was periodically flushed directly into the pond. The berm that once contained the pond has been breached by erosion at the northeast end, and no standing water remains. The site is vegetated with grasses and a few ponderosa pines. Prior to the cleanup, the surface of the pond bed contained ash, pieces of glass from viewgraphs, metal fasteners, firebricks, and other noncombustible debris. The site is included in the Hazardous and Solid Waste Amendments (HSWA) Module of the Los Alamos National Laboratory's Resource Conservation and Recovery Act (RCRA) Permit, EPA I.D. NM0890010515.

RFI HISTORY

RFI Facilities Investigation (RFI) field work was conducted in July, 1994. The RFI sampling followed the work plan. RFI sampling indicated that barium and lead exceeded screening action levels (SALs) and cadmium, copper, manganese, nickel and antimony exceeded upper tolerance limit (UTL) background levels. Only one of these samples contained any analytes above preliminary remediation goals (PRGs).

Because of the limited contamination, the site was deemed appropriate for a voluntary corrective action (VCA). See Appendix B for RFI Sampling Data.

CORRECTIVE ACTION

The cleanup deviated from the approved voluntary corrective (VCA) plan with respect to the volume of soil removed, the number of confirmatory samples collected, and the removal of the access road. As excavation progressed, visual observations and subsequent field screening identified a much larger area of contamination than originally anticipated. Due to the larger area of contamination, additional confirmatory samples

were collected. Because samples collected south of, and directly below the access road did not contain elevated levels of contaminants, the road was not excavated. Cleanup activities began on August 31, 1995 and ended on September 20, 1995.

Prior to mobilization of the excavation crew, 20 screening samples were collected on August 23, 1995, in an attempt to better define the contaminant boundaries. These samples indicated contaminant levels exceeding SALs and the PRGs for lead and barium along the bottom of the channel within the upper 6 in of soil. Samples taken from the east and west berms did not contain levels of lead or barium exceeding PRGs. As soil was removed from the sample locations that exceeded PRGs, it was observed that the depth of the ash, indicated by gray material, was greater than expected. Several trenches were excavated in the pond bed exposing layers of ash at depths to approximately 24 in. On August 31, 1995, three samples were taken of these ash layers, and analyzed using x-ray fluorescence (XRF). Two of the samples were found to contain levels of lead exceeding PRGs. On September 1, 1995, five additional surface soil samples were taken from the drainage channel. All of these samples contained lead levels exceeding PRGs, and four contained barium above PRGs. Based on this sampling event, an area of contamination was identified measuring approximately 30 ft by 160 ft, encompassing the channel bottom and the west side of the pond bed.

Soil within the defined area of contamination was excavated to a depth below the ash layers. Following this initial excavation phase, 15 screening samples were collected on September 14, 1995, from the perimeter of the excavated area. Samples collected from the east and west perimeters did not contain elevated analyte levels, however, samples collected from the northern berm and downgradient from the northern berm contained several analytes above PRGs. Approximately the upper 6 in of soil were then removed from the top and side of the northern berm. Visible areas of ash were removed in their entirety. Additional samples were collected from points below the breach in the northern berm, in the trees below the pond area and just above the stream at the canyon bottom. These samples indicated that the area of contamination extends to the northeast into the forest and canyon below the pond.

The decision was made to terminate the cleanup due to: 1) the increase in size of the project (four times the original waste volume estimate), 2) equipment access due to grade and the presence of trees, and 3) the lack of authorization to cut trees taller than 10 ft. The cleanup was halted prior to entering the channel at the bottom of the northern berm and before disturbing any soils within 50 ft of the rim or within the adjacent canyon. Additional sampling and cleanup efforts could be warranted.

Soils were excavated with hand tools, backhoe, and a front-end loader. Soils were stockpiled within the exclusion zone then moved with a front-end loader to rolloff containers staged on the old paved road west of the site.

During the VCA, the site and wastes were field screened for gross alpha/beta/gamma radioactivity, volatile organic vapors, and high explosives using hand-held instruments and

field test kits. High explosives were not detected and no radioactivity nor volatile organic vapors were detected above background levels.

Confirmatory sampling was performed (Figure 2) to verify site cleanup. Nine confirmatory samples were collected from the site (see Figure 2). These confirmatory samples were analyzed for target analyte list (TAL) metals by SW-846 methods 6010 and 7471. Based on a review of existing information, barium and lead exceeded SALs and antimony, cadmium, copper, mercury, manganese, and nickel exceeded background UTLs and therefore, are considered chemicals of concern (COC). Based on field screening data taken at the edges of the excavation, chromium was identified above the chromium(VI) PRG (the most conservative value) in three samples. Since the chromium concentration may consist of chromium(III) and chromium(VI), a composite sample was collected from the locations of the samples that previously exceeded the PRG and analyzed for chromium species. This composite sample showed that chromium(VI) was non-detected, and, therefore, chromium(III) is assumed to be present and the reported concentrations are less than its PRG. The concentrations of barium and lead reported in the confirmatory data were compared statistically to their respective PRGs based on EPA guidance. The confirmatory analytical data show that all COCs are below their respective PRGs. Analytical results and their comparison with PRGs are presented in Table 2. All previously-obtained site characterization data, as well as VCA field screening data, are available and will be provided upon request.

Approximately 265 yds^3 of potentially contaminated soil was excavated and placed into seventeen 20 yd^3 rolloff containers. Personal protective equipment was placed in plastic bags which were placed into one 55-gallon drum. The PPE drum was disposal of at TA-54, Area L, as hazardous waste. The waste contained in the seventeen rolloffs was transported to and disposed of at the Colorado Springs Landfill, a facility managed by Waste Management of Colorado.

Site restoration included placement of log silt dams in the excavation and recontouring of berms. If no further sampling and cleanup efforts are required, the excavated area will be backfilled as appropriate, recontoured, and reseeded.

CONCLUSIONS

Though the primary source of contamination has been removed, it is obvious that additional efforts may be required prior to removal of the PRS from the HSWA Module. These efforts may include additional sampling and quantification of the secondary contamination prior to any subsequent remedial efforts. Current efforts may be viewed as an interim remedial measure leading to full and complete remediation of the site.

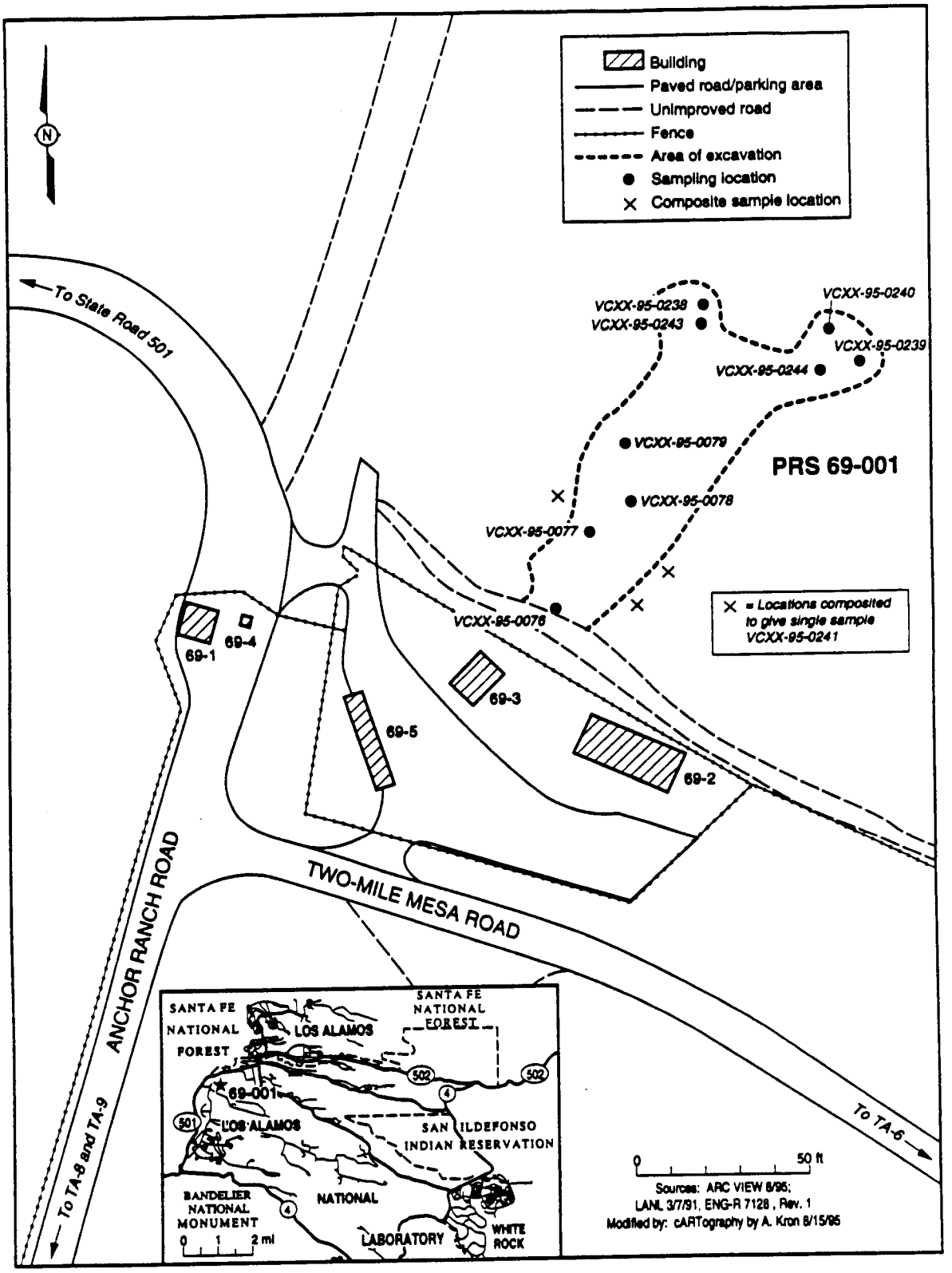


Figure 2. Excavation and confirmatory sampling locations for PRS 69-001, Two Mile Mesa Incinerator Pond Bed

TABLE 2. Summary of Confirmatory Sampling Analytical Results and Data Comparison, Potential Release 69-001, Two Mile Mesa Incinerator Pond Bed

Analyte	Loc ID	Sample ID	Matrix	Sample Value	Units	Background Level	Background Units	Depth (in.)	Analysis Qualifier
Barium*	69-09001	VCXX-95-0076	SOIL	60.6	MG/KG	1140	MG/KG	0-6	
Barium*	69-09002	VCXX-95-0077	SOIL	758	MG/KG	1140	MG/KG	0-6	
Barium*	69-09003	VCXX-95-0078	SOIL	64.9	MG/KG	1140	MG/KG	0-6	
Barium*	69-09004	VCXX-95-0079	SOIL	769	MG/KG	1140	MG/KG	0-6	
Barium*	69-09007	VCXX-95-0238	SOIL	59.3	MG/KG	1140	MG/KG	0-6	
Barium*	69-09007	VCXX-95-0238	SOIL	59.3	MG/KG	1140	MG/KG	0-6	
Barium*	69-09008	VCXX-95-0239	SOIL	13.8	MG/KG	1140	MG/KG	0-6	
Barium*	69-09008	VCXX-95-0239	SOIL	13.8	MG/KG	1140	MG/KG	0-6	
Barium*	69-09009	VCXX-95-0240	SOIL	15.9	MG/KG	1140	MG/KG	0-6	
Barium*	69-09009	VCXX-95-0240	SOIL	15.9	MG/KG	1140	MG/KG	0-6	
Barium*	69-09005	VCXX-95-0243	SOIL	5950	MG/KG	1140	MG/KG	0-6	
Barium*	69-09006	VCXX-95-0244	SOIL	32.2	MG/KG	1140	MG/KG	0-6	
95% UCL of Mean				1530					
PRG				7.68E+03	MG/KG				
Lead	69-09001	VCXX-95-0076	SOIL	12.7	MG/KG	39	MG/KG	0-6	
Lead	69-09002	VCXX-95-0077	SOIL	81.9	MG/KG	39	MG/KG	0-6	
Lead	69-09003	VCXX-95-0078	SOIL	12	MG/KG	39	MG/KG	0-6	
Lead	69-09004	VCXX-95-0079	SOIL	62.9	MG/KG	39	MG/KG	0-6	
Lead*	69-09007	VCXX-95-0238	SOIL	8.16	MG/KG	39	MG/KG	0-6	
Lead*	69-09007	VCXX-95-0238	SOIL	8.16	MG/KG	39	MG/KG	0-6	
Lead*	69-09008	VCXX-95-0239	SOIL	1.45	MG/KG	39	MG/KG	0-6	
Lead*	69-09008	VCXX-95-0239	SOIL	1.45	MG/KG	39	MG/KG	0-6	
Lead*	69-09009	VCXX-95-0240	SOIL	1.11	MG/KG	39	MG/KG	0-6	
Lead*	69-09009	VCXX-95-0240	SOIL	1.11	MG/KG	39	MG/KG	0-6	
Lead	69-09005	VCXX-95-0243	SOIL	929	MG/KG	39	MG/KG	0-6	
Lead	69-09006	VCXX-95-0244	SOIL	2.68	MG/KG	39	MG/KG	0-6	
95% UCL of Mean				231					
PRG				1.00E+03	MG/KG				

*Potential contaminant in lab method blank.

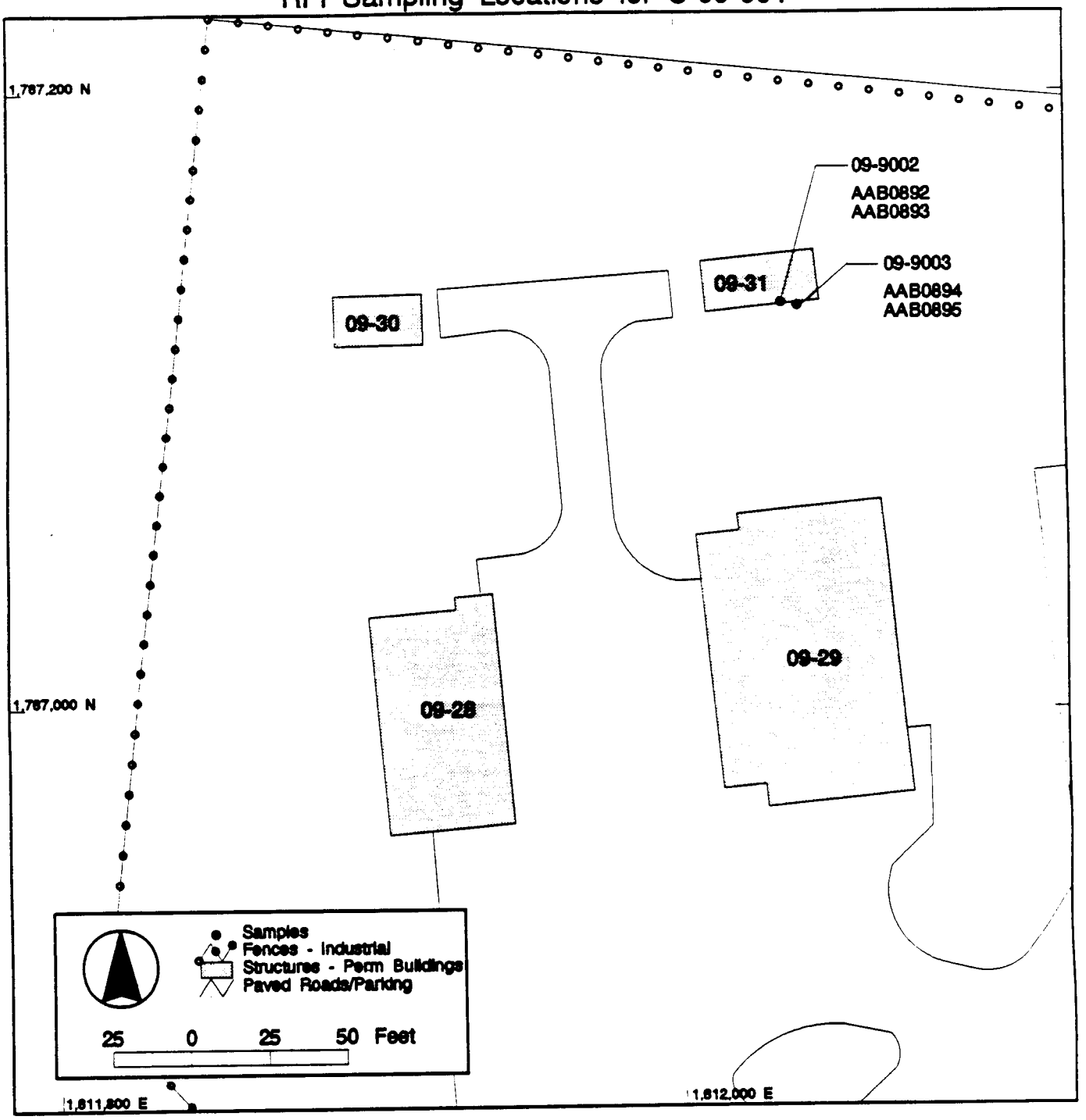
APPENDIX A

RFI SAMPLING DATA FOR

PRS C-09-001

Appendix A, Sketch 1

RFI Sampling Locations for C-09-001



Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9002	AAB0892		0	0.5	F	Acenaphthene	<	0.72	4800	MG/KG
09-9003	AAB0894		0	0.5	F	Acenaphthene	<	38	4800	MG/KG
09-9002	AAB0892		0	0.5	F	Acenaphthylene	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Acenaphthylene	<	38		MG/KG
09-9002	AAB0893		0.5	1	F	Acetone	<	0.02	8000	MG/KG
09-9003	AAB0895		0.5	1	F	Acetone	<	0.02	8000	MG/KG
09-9002	AAB0892		0	0.5	F	Aniline	<	0.72	120	MG/KG
09-9003	AAB0894		0	0.5	F	Aniline	<	38	120	MG/KG
09-9002	AAB0892		0	0.5	F	Anthracene	<	0.72	24000	MG/KG
09-9003	AAB0894		0	0.5	F	Anthracene	<	38	24000	MG/KG
09-9002	AAB0893		0.5	1	F	Benzene	<	0.005	0.67	MG/KG
09-9003	AAB0895		0.5	1	F	Benzene	<	0.005	0.67	MG/KG
09-9002	AAB0892		0	0.5	F	Benzidine [m-]	<	3.6	0.003	MG/KG
09-9003	AAB0894		0	0.5	F	Benzidine [m-]	<	190	0.003	MG/KG
09-9002	AAB0892		0	0.5	F	Benzoic acid	<	3.6	320000	MG/KG
09-9003	AAB0894		0	0.5	F	Benzoic acid	<	190	320000	MG/KG
09-9002	AAB0892		0	0.5	F	Benzo[a]anthracene		1.6	1	MG/KG
09-9003	AAB0894		0	0.5	F	Benzo[a]anthracene	<	38	1	MG/KG
09-9002	AAB0892		0	0.5	F	Benzo[a]pyrene		1.6	0.1	MG/KG
09-9003	AAB0894		0	0.5	F	Benzo[a]pyrene	<	38	0.1	MG/KG
09-9002	AAB0892		0	0.5	F	Benzo[b]fluoranthene		2.2	1	MG/KG
09-9003	AAB0894		0	0.5	F	Benzo[b]fluoranthene	<	38	1	MG/KG
09-9002	AAB0892		0	0.5	F	Benzo[g,h,i]perylene	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Benzo[g,h,i]perylene	<	38		MG/KG
09-9002	AAB0892		0	0.5	F	Benzo[k]fluoranthene	<	0.72	1	MG/KG
09-9003	AAB0894		0	0.5	F	Benzo[k]fluoranthene	<	38	1	MG/KG
09-9002	AAB0892		0	0.5	F	Benzyl alcohol	<	1.4	24000	MG/KG
09-9003	AAB0894		0	0.5	F	Benzyl alcohol	<	74	24000	MG/KG
09-9002	AAB0892		0	0.5	F	Bis(2-chloroethoxy)methane	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Bis(2-chloroethoxy)methane	<	38		MG/KG
09-9002	AAB0892		0	0.5	F	Bis(2-chloroethyl)ether	<	0.72	0.12	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9003	AAB0894		0	0.5	F	Bis(2-chloroethyl)ether	<	38	0.12	MG/KG
09-9002	AAB0892		0	0.5	F	Bis(2-chloroisopropyl)ether	<	0.72	100	MG/KG
09-9003	AAB0894		0	0.5	F	Bis(2-chloroisopropyl)ether	<	38	100	MG/KG
09-9002	AAB0892		0	0.5	F	Bis(2-ethylhexyl)phthalate	<	0.72	50	MG/KG
09-9003	AAB0894		0	0.5	F	Bis(2-ethylhexyl)phthalate	<	38	50	MG/KG
09-9002	AAB0893		0.5	1	F	Bromobenzene	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Bromobenzene	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Bromochloromethane	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Bromochloromethane	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Bromodichloromethane	<	0.005	11	MG/KG
09-9003	AAB0895		0.5	1	F	Bromodichloromethane	<	0.005	11	MG/KG
09-9002	AAB0893		0.5	1	F	Bromoform	<	0.005	89	MG/KG
09-9003	AAB0895		0.5	1	F	Bromoform	<	0.005	89	MG/KG
09-9002	AAB0893		0.5	1	F	Bromomethane	<	0.01	0.43	MG/KG
09-9003	AAB0895		0.5	1	F	Bromomethane	<	0.01	0.43	MG/KG
09-9002	AAB0892		0	0.5	F	Bromophenylphenyl ether [4-]	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Bromophenylphenyl ether [4-]	<	38		MG/KG
09-9002	AAB0893		0.5	1	F	Butanone [2-]	<	0.02	4000	MG/KG
09-9003	AAB0895		0.5	1	F	Butanone [2-]	<	0.02	4000	MG/KG
09-9002	AAB0892		0	0.5	F	Butyl benzyl phthalate	<	0.72	16000	MG/KG
09-9003	AAB0894		0	0.5	F	Butyl benzyl phthalate	<	38	16000	MG/KG
09-9002	AAB0893		0.5	1	F	Butylbenzene [n-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Butylbenzene [n-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Butylbenzene [sec-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Butylbenzene [sec-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Butylbenzene [tert-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Butylbenzene [tert-]	<	0.005		MG/KG
09-9002	AAB0892		0	0.5	F	Carbazole	TI	1.1	35	MG/KG
09-9002	AAB0893		0.5	1	F	Carbon disulfide	<	0.005	7.4	MG/KG
09-9003	AAB0895		0.5	1	F	Carbon disulfide	<	0.005	7.4	MG/KG
09-9002	AAB0893		0.5	1	F	Carbon tetrachloride	<	0.005	0.21	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9003	AAB0895		0.5	1	F	Carbon tetrachloride	<	0.005	0.21	MG/KG
09-9002	AAB0892		0	0.5	F	Chloro-3-methylphenol [4-]	<	1.4	16000	MG/KG
09-9003	AAB0894		0	0.5	F	Chloro-3-methylphenol [4-]	<	74	16000	MG/KG
09-9002	AAB0892		0	0.5	F	Chloroaniline [4-]	<	1.4	320	MG/KG
09-9003	AAB0894		0	0.5	F	Chloroaniline [4-]	<	74	320	MG/KG
09-9002	AAB0893		0.5	1	F	Chlorobenzene	<	0.005	67	MG/KG
09-9003	AAB0895		0.5	1	F	Chlorobenzene	<	0.005	67	MG/KG
09-9002	AAB0893		0.5	1	F	Chlorodibromomethane	<	0.005	83	MG/KG
09-9003	AAB0895		0.5	1	F	Chlorodibromomethane	<	0.005	83	MG/KG
09-9002	AAB0893		0.5	1	F	Chloroethane	<	0.01	2900	MG/KG
09-9003	AAB0895		0.5	1	F	Chloroethane	<	0.01	2900	MG/KG
09-9002	AAB0893		0.5	1	F	Chloroform	<	0.005	0.21	MG/KG
09-9003	AAB0895		0.5	1	F	Chloroform	<	0.005	0.21	MG/KG
09-9002	AAB0893		0.5	1	F	Chloromethane	<	0.01	6.4	MG/KG
09-9003	AAB0895		0.5	1	F	Chloromethane	<	0.01	6.4	MG/KG
09-9002	AAB0892		0	0.5	F	Chloronaphthalene [2-]	<	0.72	6400	MG/KG
09-9003	AAB0894		0	0.5	F	Chloronaphthalene [2-]	<	38	6400	MG/KG
09-9002	AAB0892		0	0.5	F	Chlorophenol [o-]	<	0.72	400	MG/KG
09-9003	AAB0894		0	0.5	F	Chlorophenol [o-]	<	38	400	MG/KG
09-9002	AAB0892		0	0.5	F	Chlorophenylphenyl ether [4-]	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Chlorophenylphenyl ether [4-]	<	38		MG/KG
09-9002	AAB0893		0.5	1	F	Chlorotoluene [o-]	<	0.005	1600	MG/KG
09-9003	AAB0895		0.5	1	F	Chlorotoluene [o-]	<	0.005	1600	MG/KG
09-9002	AAB0893		0.5	1	F	Chlorotoluene [p-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Chlorotoluene [p-]	<	0.005		MG/KG
09-9002	AAB0892		0	0.5	F	Chrysene		1.9	96	MG/KG
09-9003	AAB0894		0	0.5	F	Chrysene	<	38	96	MG/KG
09-9002	AAB0892		0	0.5	F	Di-n-butyl phthalate	<	0.72	8000	MG/KG
09-9003	AAB0894		0	0.5	F	Di-n-butyl phthalate	<	38	8000	MG/KG
09-9002	AAB0892		0	0.5	F	Di-n-octyl phthalate	<	0.72	1600	MG/KG
09-9003	AAB0894		0	0.5	F	Di-n-octyl phthalate	<	38	1600	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9002	AAB0892		0	0.5	F	Dibenzofuran	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Dibenzofuran	<	38		MG/KG
09-9002	AAB0892		0	0.5	F	Dibenzo[a,h]anthracene	<	0.72	0.1	MG/KG
09-9003	AAB0894		0	0.5	F	Dibenzo[a,h]anthracene	<	38	0.1	MG/KG
09-9002	AAB0893		0.5	1	F	Dibromo-3-chloropropane [1,2-]	<	0.01	0.5	MG/KG
09-9003	AAB0895		0.5	1	F	Dibromo-3-chloropropane [1,2-]	<	0.01	0.5	MG/KG
09-9002	AAB0893		0.5	1	F	Dibromoethane [1,2-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Dibromoethane [1,2-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Dibromomethane	<	0.005	0.0082	MG/KG
09-9003	AAB0895		0.5	1	F	Dibromomethane	<	0.005	0.0082	MG/KG
09-9002	AAB0892		0	0.5	F	Dichlorobenzene (1,2) [o-]	<	0.72	1600	MG/KG
09-9002	AAB0893		0.5	1	F	Dichlorobenzene (1,2) [o-]	<	0.005	1600	MG/KG
09-9003	AAB0894		0	0.5	F	Dichlorobenzene (1,2) [o-]	<	38	1600	MG/KG
09-9003	AAB0895		0.5	1	F	Dichlorobenzene (1,2) [o-]	<	0.005	1600	MG/KG
09-9002	AAB0892		0	0.5	F	Dichlorobenzene (1,3) [m-]	<	0.72	7200	MG/KG
09-9002	AAB0893		0.5	1	F	Dichlorobenzene (1,3) [m-]	<	0.005	7200	MG/KG
09-9003	AAB0894		0	0.5	F	Dichlorobenzene (1,3) [m-]	<	38	7200	MG/KG
09-9003	AAB0895		0.5	1	F	Dichlorobenzene (1,3) [m-]	<	0.005	7200	MG/KG
09-9002	AAB0892		0	0.5	F	Dichlorobenzene (1,4) [p-]	<	0.72	29	MG/KG
09-9002	AAB0893		0.5	1	F	Dichlorobenzene (1,4) [p-]	<	0.005	29	MG/KG
09-9003	AAB0894		0	0.5	F	Dichlorobenzene (1,4) [p-]	<	38	29	MG/KG
09-9003	AAB0895		0.5	1	F	Dichlorobenzene (1,4) [p-]	<	0.005	29	MG/KG
09-9002	AAB0892		0	0.5	F	Dichlorobenzidine [3,3'-]	<	1.4	1.6	MG/KG
09-9003	AAB0894		0	0.5	F	Dichlorobenzidine [3,3'-]	<	74	1.6	MG/KG
09-9002	AAB0893		0.5	1	F	Dichlorodifluoromethane	<	0.01	16000	MG/KG
09-9003	AAB0895		0.5	1	F	Dichlorodifluoromethane	<	0.01	16000	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloroethane [1,1-]	<	0.005	410	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloroethane [1,1-]	<	0.005	410	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloroethane [1,2-]	<	0.005	0.2	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloroethane [1,2-]	<	0.005	0.2	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloroethene [1,1-]	<	0.005	0.4	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9003	AAB0895		0.5	1	F	Dichloroethene [1,1-]	<	0.005	0.4	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloroethene [trans-1,2-]	<	0.005	1600	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloroethene [trans-1,2-]	<	0.005	1600	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloroethylene [cis-1,2-]	<	0.005	800	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloroethylene [cis-1,2-]	<	0.005	800	MG/KG
09-9002	AAB0892		0	0.5	F	Dichlorophenol [2,4-]	<	0.72	240	MG/KG
09-9003	AAB0894		0	0.5	F	Dichlorophenol [2,4-]	<	38	240	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropane [1,2-]	<	0.005	6.5	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropane [1,2-]	<	0.005	6.5	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropane [1,3-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropane [1,3-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropane [2,2-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropane [2,2-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropene [1,1-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropene [1,1-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropene [cis-1,3-]	<	0.005	0.17	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropene [cis-1,3-]	<	0.005	0.17	MG/KG
09-9002	AAB0893		0.5	1	F	Dichloropropene [trans-1,3-]	<	0.005	0.17	MG/KG
09-9003	AAB0895		0.5	1	F	Dichloropropene [trans-1,3-]	<	0.005	0.17	MG/KG
09-9002	AAB0892		0	0.5	F	Diethyl phthalate	<	0.72	64000	MG/KG
09-9003	AAB0894		0	0.5	F	Diethyl phthalate	<	38	64000	MG/KG
09-9002	AAB0892		0	0.5	F	Dimethyl phthalate	<	0.72	800000	MG/KG
09-9003	AAB0894		0	0.5	F	Dimethyl phthalate	<	38	800000	MG/KG
09-9002	AAB0892		0	0.5	F	Dimethylphenol [2,4-]	<	0.72	1600	MG/KG
09-9003	AAB0894		0	0.5	F	Dimethylphenol [2,4-]	<	38	1600	MG/KG
09-9002	AAB0892		0	0.5	F	Dinitrophenol [2,4-]	<	3.6	160	MG/KG
09-9003	AAB0894		0	0.5	F	Dinitrophenol [2,4-]	<	190	160	MG/KG
09-9002	AAB0892		0	0.5	F	Dinitrotoluene [2,4-]	<	0.72	1	MG/KG
09-9003	AAB0894		0	0.5	F	Dinitrotoluene [2,4-]	<	38	1	MG/KG
09-9002	AAB0892		0	0.5	F	Dinitrotoluene [2,6-]	<	0.72	1	MG/KG
09-9003	AAB0894		0	0.5	F	Dinitrotoluene [2,6-]	<	38	1	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9002	AAB0893		0.5	1	F	Ethylbenzene	<	0.005	3100	MG/KG
09-9003	AAB0895		0.5	1	F	Ethylbenzene	<	0.005	3100	MG/KG
09-9002	AAB0892		0	0.5	F	Fluoranthene		4.7	3200	MG/KG
09-9003	AAB0894		0	0.5	F	Fluoranthene	<	38	3200	MG/KG
09-9002	AAB0892		0	0.5	F	Fluorene	<	0.72	3200	MG/KG
09-9003	AAB0894		0	0.5	F	Fluorene	<	38	3200	MG/KG
09-9002	AAB0892		0	0.5	F	Hexachlorobenzene	<	0.72	0.44	MG/KG
09-9003	AAB0894		0	0.5	F	Hexachlorobenzene	<	38	0.44	MG/KG
09-9002	AAB0892		0	0.5	F	Hexachlorobutadiene	<	0.72	90	MG/KG
09-9003	AAB0894		0	0.5	F	Hexachlorobutadiene	<	38	90	MG/KG
09-9002	AAB0892		0	0.5	F	Hexachlorocyclopentadiene	<	0.72	560	MG/KG
09-9003	AAB0894		0	0.5	F	Hexachlorocyclopentadiene	<	38	560	MG/KG
09-9002	AAB0892		0	0.5	F	Hexachloroethane	<	0.72	80	MG/KG
09-9003	AAB0894		0	0.5	F	Hexachloroethane	<	38	80	MG/KG
09-9002	AAB0893		0.5	1	F	Hexanone [2-]	<	0.02		MG/KG
09-9003	AAB0895		0.5	1	F	Hexanone [2-]	<	0.02		MG/KG
09-9002	AAB0892		0	0.5	F	Indeno[1,2,3-cd]pyrene		1.1	1	MG/KG
09-9003	AAB0894		0	0.5	F	Indeno[1,2,3-cd]pyrene	<	38	1	MG/KG
09-9002	AAB0892		0	0.5	F	Isophorone	<	0.72	7400	MG/KG
09-9003	AAB0894		0	0.5	F	Isophorone	<	38	7400	MG/KG
09-9002	AAB0893		0.5	1	F	Isopropylbenzene	<	0.005	3200	MG/KG
09-9003	AAB0895		0.5	1	F	Isopropylbenzene	<	0.005	3200	MG/KG
09-9002	AAB0893		0.5	1	F	Isopropyltoluene [4-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Isopropyltoluene [4-]	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Methyl iodide	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Methyl iodide	<	0.005		MG/KG
09-9002	AAB0893		0.5	1	F	Methyl-2-pentanone [4-]	<	0.02	510	MG/KG
09-9003	AAB0895		0.5	1	F	Methyl-2-pentanone [4-]	<	0.02	510	MG/KG
09-9002	AAB0892		0	0.5	F	Methyl-4,6-dinitrophenol [2-]	<	3.7		MG/KG
09-9003	AAB0894		0	0.5	F	Methyl-4,6-dinitrophenol [2-]	<	190		MG/KG
09-9002	AAB0893		0.5	1	F	Methylene chloride	<	0.005	5.6	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9003	AAB0895		0.5	1	F	Methylene chloride	<	0.005	5.6	MG/KG
09-9002	AAB0892		0	0.5	F	Methylnaphthalene [2-]	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Methylnaphthalene [2-]	<	38		MG/KG
09-9002	AAB0892		0	0.5	F	Methylphenol [2-]	<	0.72	4000	MG/KG
09-9003	AAB0894		0	0.5	F	Methylphenol [2-]	<	38	4000	MG/KG
09-9002	AAB0892		0	0.5	F	Methylphenol [4-]	<	0.72	400	MG/KG
09-9003	AAB0894		0	0.5	F	Methylphenol [4-]	<	38	400	MG/KG
09-9002	AAB0892		0	0.5	F	Naphthalene	<	0.72	3200	MG/KG
09-9003	AAB0894		0	0.5	F	Naphthalene	<	38	3200	MG/KG
09-9002	AAB0892		0	0.5	F	Nitroaniline [2-]	<	3.6		MG/KG
09-9003	AAB0894		0	0.5	F	Nitroaniline [2-]	<	190		MG/KG
09-9002	AAB0892		0	0.5	F	Nitroaniline [3-]	<	3.6	240	MG/KG
09-9003	AAB0894		0	0.5	F	Nitroaniline [3-]	<	190	240	MG/KG
09-9002	AAB0892		0	0.5	F	Nitroaniline [4-]	<	1.8	240	MG/KG
09-9003	AAB0894		0	0.5	F	Nitroaniline [4-]	<	97	240	MG/KG
09-9002	AAB0892		0	0.5	F	Nitrobenzene	<	0.72	5.3	MG/KG
09-9003	AAB0894		0	0.5	F	Nitrobenzene	<	38	5.3	MG/KG
09-9002	AAB0892		0	0.5	F	Nitrophenol [2-]	<	0.72		MG/KG
09-9003	AAB0894		0	0.5	F	Nitrophenol [2-]	<	38		MG/KG
09-9002	AAB0892		0	0.5	F	Nitrophenol [4-]	<	3.6	5000	MG/KG
09-9003	AAB0894		0	0.5	F	Nitrophenol [4-]	<	190	5000	MG/KG
09-9002	AAB0892		0	0.5	F	Nitrosodi-n-propylamine [N-]	<	0.72	0.1	MG/KG
09-9003	AAB0894		0	0.5	F	Nitrosodi-n-propylamine [N-]	<	38	0.1	MG/KG
09-9002	AAB0892		0	0.5	F	Nitrosodimethylamine [N-]	<	0.72	0.014	MG/KG
09-9003	AAB0894		0	0.5	F	Nitrosodimethylamine [N-]	<	38	0.014	MG/KG
09-9002	AAB0892		0	0.5	F	Nitrosodiphenylamine [N-]	<	0.72	140	MG/KG
09-9003	AAB0894		0	0.5	F	Nitrosodiphenylamine [N-]	<	38	140	MG/KG
09-9002	AAB0892		0	0.5	F	Pentachlorophenol	<	3.6	5.8	MG/KG
09-9003	AAB0894		0	0.5	F	Pentachlorophenol	<	190	5.8	MG/KG
09-9002	AAB0892		0	0.5	F	Phenanthrene		3.3		MG/KG
09-9003	AAB0894		0	0.5	F	Phenanthrene	<	38		MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9002	AAB0892		0	0.5	F	Phenol	<	0.72	48000	MG/KG
09-9003	AAB0894		0	0.5	F	Phenol	<	38	48000	MG/KG
09-9002	AAB0893		0.5	1	F	Propylbenzene	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Propylbenzene	<	0.005		MG/KG
09-9002	AAB0892		0	0.5	F	Pyrene		3.3	2400	MG/KG
09-9003	AAB0894		0	0.5	F	Pyrene	<	38	2400	MG/KG
09-9002	AAB0893		0.5	1	F	Styrene	<	0.005	3300	MG/KG
09-9003	AAB0895		0.5	1	F	Styrene	<	0.005	3300	MG/KG
09-9002	AAB0893		0.5	1	F	Tetrachloroethane [1,1,1,2-]	<	0.005	270	MG/KG
09-9003	AAB0895		0.5	1	F	Tetrachloroethane [1,1,1,2-]	<	0.005	270	MG/KG
09-9002	AAB0893		0.5	1	F	Tetrachloroethane [1,1,2,2-]	<	0.005	3.9	MG/KG
09-9003	AAB0895		0.5	1	F	Tetrachloroethane [1,1,2,2-]	<	0.005	3.9	MG/KG
09-9002	AAB0893		0.5	1	F	Tetrachloroethylene	<	0.005	5.9	MG/KG
09-9003	AAB0895		0.5	1	F	Tetrachloroethylene	<	0.005	5.9	MG/KG
09-9002	AAB0893		0.5	1	F	Toluene	<	0.005	910	MG/KG
09-9003	AAB0895		0.5	1	F	Toluene	<	0.005	910	MG/KG
09-9002	AAB0893		0.5	1	F	Trichloro-1,2,2-trifluoroethane [1,1,2-]	<	0.005		MG/KG
09-9003	AAB0895		0.5	1	F	Trichloro-1,2,2-trifluoroethane [1,1,2-]	<	0.005		MG/KG
09-9002	AAB0892		0	0.5	F	Trichlorobenzene [1,2,4-]	<	0.72	160	MG/KG
09-9003	AAB0894		0	0.5	F	Trichlorobenzene [1,2,4-]	<	38	160	MG/KG
09-9002	AAB0893		0.5	1	F	Trichloroethane [1,1,1-]	<	0.005	1000	MG/KG
09-9003	AAB0895		0.5	1	F	Trichloroethane [1,1,1-]	<	0.005	1000	MG/KG
09-9002	AAB0893		0.5	1	F	Trichloroethane [1,1,2-]	<	0.005	6.3	MG/KG
09-9003	AAB0895		0.5	1	F	Trichloroethane [1,1,2-]	<	0.005	6.3	MG/KG
09-9002	AAB0893		0.5	1	F	Trichloroethene	<	0.005	3.2	MG/KG
09-9003	AAB0895		0.5	1	F	Trichloroethene	<	0.005	3.2	MG/KG
09-9002	AAB0893		0.5	1	F	Trichlorofluoromethane	<	0.005	24000	MG/KG
09-9003	AAB0895		0.5	1	F	Trichlorofluoromethane	<	0.005	24000	MG/KG
09-9002	AAB0892		0	0.5	F	Trichlorophenol [2,4,5-]	<	0.72	8000	MG/KG
09-9003	AAB0894		0	0.5	F	Trichlorophenol [2,4,5-]	<	38	8000	MG/KG
09-9002	AAB0892		0	0.5	F	Trichlorophenol [2,4,6-]	<	0.72	64	MG/KG

Analytical Results from FIMAD for PRS C-09-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Units
09-9003	AAB0894		0	0.5	F	Trichlorophenol [2,4,6-]	<	38	64	MG/KG
09-9002	AAB0893		0.5	1	F	Trichloropropane [1,2,3-]	<	0.005	480	MG/KG
09-9003	AAB0895		0.5	1	F	Trichloropropane [1,2,3-]	<	0.005	480	MG/KG
09-9002	AAB0893		0.5	1	F	Trimethylbenzene [1,2,4-]	<	0.005	40	MG/KG
09-9003	AAB0895		0.5	1	F	Trimethylbenzene [1,2,4-]	<	0.005	40	MG/KG
09-9002	AAB0893		0.5	1	F	Trimethylbenzene [1,3,5-]	<	0.005	32	MG/KG
09-9003	AAB0895		0.5	1	F	Trimethylbenzene [1,3,5-]	<	0.005	32	MG/KG
09-9002	AAB0892		0	0.5	F	Unknown Alcohol	TI	0.92		MG/KG
09-9002	AAB0892		0	0.5	F	Unknown Polynuclear Aromatic Hydrocarbon	TI	0.8		MG/KG
09-9002	AAB0893		0.5	1	F	Vinyl chloride	<	0.01	0.013	MG/KG
09-9003	AAB0895		0.5	1	F	Vinyl chloride	<	0.01	0.013	MG/KG
09-9002	AAB0893		0.5	1	F	Xylenes (o + m + p) [Mixed-]	<	0.005	160000	MG/KG
09-9003	AAB0895		0.5	1	F	Xylenes (o + m + p) [Mixed-]	<	0.005	160000	MG/KG

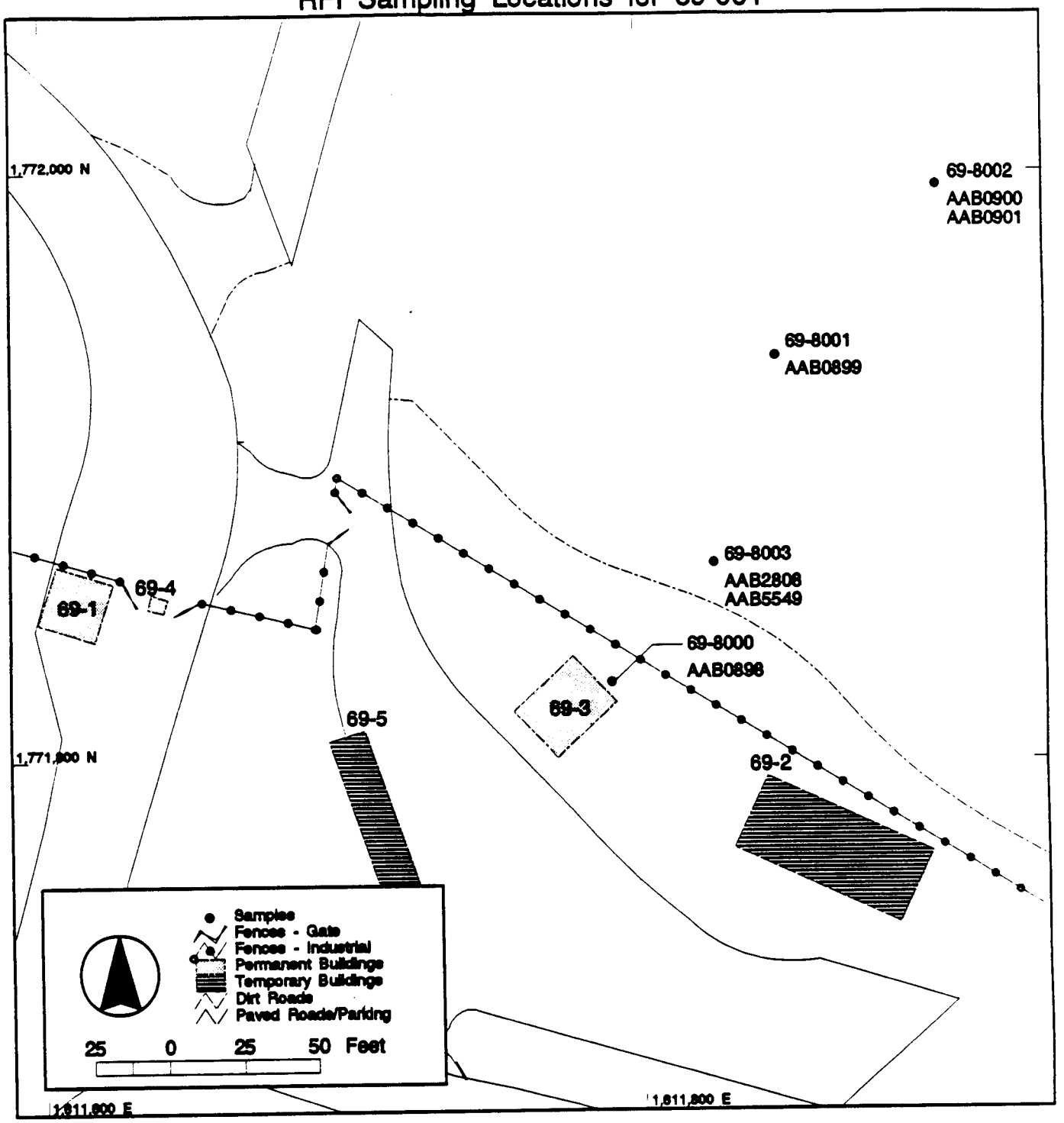
APPENDIX B

RFI SAMPLING DATA FOR

PRS 69-001

Appendix B, Sketch 1

RFI Sampling Locations for 69-001



Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB2808		0	1	F	Acenaphthene	<	0.76	4800		MG/KG
69-8003	AAB5549		1	2	F	Acenaphthene	<	0.87	4800		MG/KG
69-8003	AAB2808		0	1	F	Acenaphthylene	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Acenaphthylene	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Acetone	<	0.022	8000		MG/KG
69-8003	AAB5549		1	2	F	Acetone	<	0.026	8000		MG/KG
69-8000	AAB0898		0	0.5	F	Aluminium		15800		123000	MG/KG
69-8001	AAB0899		0	0.5	F	Aluminium		11700		123000	MG/KG
69-8002	AAB0900		0	0.5	F	Aluminium		16500		123000	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Aluminium		15200		123000	MG/KG
69-8003	AAB2808		0	1	F	Aluminium		12200		123000	MG/KG
69-8003	AAB5549		1	2	F	Aluminium		11500		123000	MG/KG
69-8003	AAB2808		0	1	F	Anthracene	<	0.76	24000		MG/KG
69-8003	AAB5549		1	2	F	Anthracene	<	0.87	24000		MG/KG
69-8000	AAB0898		0	0.5	F	Antimony	<	6.9	32	2.5	MG/KG
69-8001	AAB0899		0	0.5	F	Antimony	<	5.4	32	2.5	MG/KG
69-8002	AAB0900		0	0.5	F	Antimony		23.4	32	2.5	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Antimony		20.8	32	2.5	MG/KG
69-8003	AAB2808		0	1	F	Antimony	<	5.1	32	2.5	MG/KG
69-8003	AAB5549		1	2	F	Antimony	<	5.6	32	2.5	MG/KG
69-8000	AAB0898		0	0.5	F	Arsenic	<	1.6		11.6	MG/KG
69-8001	AAB0899		0	0.5	F	Arsenic	<	2.2		11.6	MG/KG
69-8002	AAB0900		0	0.5	F	Arsenic		2.9		11.6	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Arsenic		2.7		11.6	MG/KG
69-8003	AAB2808		0	1	F	Arsenic	<	0.58		11.6	MG/KG
69-8003	AAB5549		1	2	F	Arsenic	<	1.5		11.6	MG/KG
69-8000	AAB0898		0	0.5	F	Barium		703	5600	1140	MG/KG
69-8001	AAB0899		0	0.5	F	Barium		5230	5600	1140	MG/KG
69-8002	AAB0900		0	0.5	F	Barium		16200	5600	1140	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Barium		15600	5600	1140	MG/KG
69-8003	AAB2808		0	1	F	Barium		246	5600	1140	MG/KG
69-8003	AAB5549		1	2	F	Barium		363	5600	1140	MG/KG
69-8003	AAB2808		0	1	F	Benzene	<	0.006	0.67		MG/KG
69-8003	AAB5549		1	2	F	Benzene	<	0.007	0.67		MG/KG
69-8003	AAB2808		0	1	F	Benzo[a]anthracene	<	0.76	1		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB5549		1	2	F	Benzo[a]anthracene	<	0.87	1		MG/KG
69-8003	AAB2808		0	1	F	Benzo[a]pyrene	<	0.76	0.1		MG/KG
69-8003	AAB5549		1	2	F	Benzo[a]pyrene	<	0.87	0.1		MG/KG
69-8003	AAB2808		0	1	F	Benzo[b]fluoranthene	<	0.76	1		MG/KG
69-8003	AAB5549		1	2	F	Benzo[b]fluoranthene	<	0.87	1		MG/KG
69-8003	AAB2808		0	1	F	Benzo[g,h,i]perylene	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Benzo[g,h,i]perylene	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Benzo[k]fluoranthene	<	0.76	1		MG/KG
69-8003	AAB5549		1	2	F	Benzo[k]fluoranthene	<	0.87	1		MG/KG
69-8000	AAB0898		0	0.5	F	Beryllium	<	0.81		3.31	MG/KG
69-8001	AAB0899		0	0.5	F	Beryllium	<	0.89		3.31	MG/KG
69-8002	AAB0900		0	0.5	F	Beryllium	<	0.92		3.31	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Beryllium	<	0.77		3.31	MG/KG
69-8003	AAB2808		0	1	F	Beryllium		1.4		3.31	MG/KG
69-8003	AAB5549		1	2	F	Beryllium		1.8		3.31	MG/KG
69-8003	AAB2808		0	1	F	Bis(2-chloroethoxy)methane	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Bis(2-chloroethoxy)methane	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Bis(2-chloroethyl)ether	<	0.76	0.12		MG/KG
69-8003	AAB5549		1	2	F	Bis(2-chloroethyl)ether	<	0.87	0.12		MG/KG
69-8003	AAB2808		0	1	F	Bis(2-chloroisopropyl)ether	<	0.76	100		MG/KG
69-8003	AAB5549		1	2	F	Bis(2-chloroisopropyl)ether	<	0.87	100		MG/KG
69-8003	AAB2808		0	1	F	Bis(2-ethylhexyl)phthalate	<	0.76	50		MG/KG
69-8003	AAB5549		1	2	F	Bis(2-ethylhexyl)phthalate	<	0.87	50		MG/KG
69-8003	AAB2808		0	1	F	Bromobenzene	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Bromobenzene	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Bromochloromethane	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Bromochloromethane	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Bromodichloromethane	<	0.006	11		MG/KG
69-8003	AAB5549		1	2	F	Bromodichloromethane	<	0.007	11		MG/KG
69-8003	AAB2808		0	1	F	Bromoform	<	0.006	89		MG/KG
69-8003	AAB5549		1	2	F	Bromoform	<	0.007	89		MG/KG
69-8003	AAB2808		0	1	F	Bromomethane	<	0.011	0.43		MG/KG
69-8003	AAB5549		1	2	F	Bromomethane	<	0.013	0.43		MG/KG
69-8003	AAB2808		0	1	F	Bromophenylphenyl ether [4-]	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Bromophenylphenyl ether [4-]	<	0.87			MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB2808		0	1	F	Butanone [2-]	<	0.022	4000		MG/KG
69-8003	AAB5549		1	2	F	Butanone [2-]	<	0.026	4000		MG/KG
69-8003	AAB2808		0	1	F	Butyl benzyl phthalate	<	0.76	16000		MG/KG
69-8003	AAB5549		1	2	F	Butyl benzyl phthalate	<	0.87	16000		MG/KG
69-8003	AAB2808		0	1	F	Butylbenzene [n-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Butylbenzene [n-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Butylbenzene [sec-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Butylbenzene [sec-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Butylbenzene [tert-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Butylbenzene [tert-]	<	0.007			MG/KG
69-8000	AAB0898		0	0.5	F	Cadmium	<	1.5	80	2.7	MG/KG
69-8001	AAB0899		0	0.5	F	Cadmium		2.7	80	2.7	MG/KG
69-8002	AAB0900		0	0.5	F	Cadmium		12	80	2.7	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Cadmium		9.5	80	2.7	MG/KG
69-8003	AAB2808		0	1	F	Cadmium	<	0.41	80	2.7	MG/KG
69-8003	AAB5549		1	2	F	Cadmium	<	0.45	80	2.7	MG/KG
69-8000	AAB0898		0	0.5	F	Calcium	<	1560		54400	MG/KG
69-8001	AAB0899		0	0.5	F	Calcium		1600		54400	MG/KG
69-8002	AAB0900		0	0.5	F	Calcium		3170		54400	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Calcium		2710		54400	MG/KG
69-8003	AAB2808		0	1	F	Calcium		2560		54400	MG/KG
69-8003	AAB5549		1	2	F	Calcium		3450		54400	MG/KG
69-8003	AAB2808		0	1	F	Carbazole	<	0.76	35		MG/KG
69-8003	AAB5549		1	2	F	Carbazole	<	0.87	35		MG/KG
69-8003	AAB2808		0	1	F	Carbon disulfide	<	0.006	7.4		MG/KG
69-8003	AAB5549		1	2	F	Carbon disulfide	<	0.007	7.4		MG/KG
69-8003	AAB2808		0	1	F	Carbon tetrachloride	<	0.006	0.21		MG/KG
69-8003	AAB5549		1	2	F	Carbon tetrachloride	<	0.007	0.21		MG/KG
69-8003	AAB5549		1	2	F	Carene [3-]	TI	0.077			MG/KG
69-8003	AAB2808		0	1	F	Chloro-3-methylphenol [4-]	<	2	16000		MG/KG
69-8003	AAB5549		1	2	F	Chloro-3-methylphenol [4-]	<	2.2	16000		MG/KG
69-8003	AAB2808		0	1	F	Chlorobenzene	<	0.006	67		MG/KG
69-8003	AAB5549		1	2	F	Chlorobenzene	<	0.007	67		MG/KG
69-8003	AAB2808		0	1	F	Chlorodibromomethane	<	0.006	83		MG/KG
69-8003	AAB5549		1	2	F	Chlorodibromomethane	<	0.007	83		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB2808		0	1	F	Chloroethane	<	0.011	2900		MG/KG
69-8003	AAB5549		1	2	F	Chloroethane	<	0.013	2900		MG/KG
69-8003	AAB2808		0	1	F	Chloroform	<	0.006	0.21		MG/KG
69-8003	AAB5549		1	2	F	Chloroform	<	0.007	0.21		MG/KG
69-8003	AAB2808		0	1	F	Chloromethane	<	0.011	6.4		MG/KG
69-8003	AAB5549		1	2	F	Chloromethane	<	0.013	6.4		MG/KG
69-8003	AAB2808		0	1	F	Chloronaphthalene [2-]	<	0.76	6400		MG/KG
69-8003	AAB5549		1	2	F	Chloronaphthalene [2-]	<	0.87	6400		MG/KG
69-8003	AAB2808		0	1	F	Chlorophenol [o-]	<	0.76	400		MG/KG
69-8003	AAB5549		1	2	F	Chlorophenol [o-]	<	0.87	400		MG/KG
69-8003	AAB2808		0	1	F	Chlorophenylphenyl ether [4-]	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Chlorophenylphenyl ether [4-]	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Chlorotoluene [o-]	<	0.006	1600		MG/KG
69-8003	AAB5549		1	2	F	Chlorotoluene [o-]	<	0.007	1600		MG/KG
69-8003	AAB2808		0	1	F	Chlorotoluene [p-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Chlorotoluene [p-]	<	0.007			MG/KG
69-8000	AAB0898		0	0.5	F	Chromium		5.6		34.2	MG/KG
69-8001	AAB0899		0	0.5	F	Chromium		7.8		34.2	MG/KG
69-8002	AAB0900		0	0.5	F	Chromium		27.1		34.2	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Chromium		28.1		34.2	MG/KG
69-8003	AAB2808		0	1	F	Chromium		3.5		34.2	MG/KG
69-8003	AAB5549		1	2	F	Chromium		4		34.2	MG/KG
69-8000	AAB0898		0	0.5	F	Cobalt	<	1.9		51.1	MG/KG
69-8001	AAB0899		0	0.5	F	Cobalt	<	3.9		51.1	MG/KG
69-8002	AAB0900		0	0.5	F	Cobalt	<	9.6		51.1	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Cobalt	<	8.4		51.1	MG/KG
69-8003	AAB2808		0	1	F	Cobalt	<	2.9		51.1	MG/KG
69-8003	AAB5549		1	2	F	Cobalt	<	2.5		51.1	MG/KG
69-8000	AAB0898		0	0.5	F	Copper	<	7.4	3000	15.7	MG/KG
69-8001	AAB0899		0	0.5	F	Copper		15.3	3000	15.7	MG/KG
69-8002	AAB0900		0	0.5	F	Copper		62.5	3000	15.7	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Copper		48.6	3000	15.7	MG/KG
69-8003	AAB2808		0	1	F	Copper	<	4.1	3000	15.7	MG/KG
69-8003	AAB5549		1	2	F	Copper	<	4.1	3000	15.7	MG/KG
69-8000	AAB0898		0	0.5	F	Cyanide		0.81	1600		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8001	AAB0899		0	0.5	F	Cyanide		0.63	1600		MG/KG
69-8002	AAB0900		0	0.5	F	Cyanide		0.68	1600		MG/KG
69-8002	AAB0901	FD	0	0.5	F	Cyanide		0.66	1600		MG/KG
69-8003	AAB2808		0	1	F	Cyanide	<	0.45	1600		MG/KG
69-8003	AAB5549		1	2	F	Cyanide	<	0.5	1600		MG/KG
69-8003	AAB2808		0	1	F	Di-n-butyl phthalate	<	0.76	8000		MG/KG
69-8003	AAB5549		1	2	F	Di-n-butyl phthalate	<	0.87	8000		MG/KG
69-8003	AAB2808		0	1	F	Di-n-octyl phthalate	<	0.76	1600		MG/KG
69-8003	AAB5549		1	2	F	Di-n-octyl phthalate	<	0.87	1600		MG/KG
69-8003	AAB2808		0	1	F	Dibenzofuran	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Dibenzofuran	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Dibenzo[a,h]anthracene	<	0.76	0.1		MG/KG
69-8003	AAB5549		1	2	F	Dibenzo[a,h]anthracene	<	0.87	0.1		MG/KG
69-8003	AAB2808		0	1	F	Dibromo-3-chloropropane [1,2-]	<	0.011	0.5		MG/KG
69-8003	AAB5549		1	2	F	Dibromo-3-chloropropane [1,2-]	<	0.013	0.5		MG/KG
69-8003	AAB2808		0	1	F	Dibromoethane [1,2-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Dibromoethane [1,2-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Dibromomethane	<	0.006	0.0082		MG/KG
69-8003	AAB5549		1	2	F	Dibromomethane	<	0.007	0.0082		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,2) [o-]	<	0.006	1600		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,2) [o-]	<	0.76	1600		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,2) [o-]	<	0.007	1600		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,2) [o-]	<	0.87	1600		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,3) [m-]	<	0.006	7200		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,3) [m-]	<	0.76	7200		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,3) [m-]	<	0.007	7200		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,3) [m-]	<	0.87	7200		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,4) [p-]	<	0.006	29		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzene (1,4) [p-]	<	0.76	29		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,4) [p-]	<	0.007	29		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzene (1,4) [p-]	<	0.87	29		MG/KG
69-8003	AAB2808		0	1	F	Dichlorobenzidine [3,3'-]	<	2	1.6		MG/KG
69-8003	AAB5549		1	2	F	Dichlorobenzidine [3,3'-]	<	2.2	1.6		MG/KG
69-8003	AAB2808		0	1	F	Dichlorodifluoromethane	<	0.011	16000		MG/KG
69-8003	AAB5549		1	2	F	Dichlorodifluoromethane	<	0.013	16000		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB2808		0	1	F	Dichloroethane [1,1-]	<	0.006	410		MG/KG
69-8003	AAB5549		1	2	F	Dichloroethane [1,1-]	<	0.007	410		MG/KG
69-8003	AAB2808		0	1	F	Dichloroethane [1,2-]	<	0.006	0.2		MG/KG
69-8003	AAB5549		1	2	F	Dichloroethane [1,2-]	<	0.007	0.2		MG/KG
69-8003	AAB2808		0	1	F	Dichloroethene [1,1-]	<	0.006	0.4		MG/KG
69-8003	AAB5549		1	2	F	Dichloroethene [1,1-]	<	0.007	0.4		MG/KG
69-8003	AAB2808		0	1	F	Dichloroethene [trans-1,2-]	<	0.006	1600		MG/KG
69-8003	AAB5549		1	2	F	Dichloroethene [trans-1,2-]	<	0.007	1600		MG/KG
69-8003	AAB2808		0	1	F	Dichloroethylene [cis-1,2-]	<	0.006	800		MG/KG
69-8003	AAB5549		1	2	F	Dichloroethylene [cis-1,2-]	<	0.007	800		MG/KG
69-8003	AAB2808		0	1	F	Dichlorophenol [2,4-]	<	0.76	240		MG/KG
69-8003	AAB5549		1	2	F	Dichlorophenol [2,4-]	<	0.87	240		MG/KG
69-8003	AAB2808		0	1	F	Dichloropropane [1,2-]	<	0.006	6.5		MG/KG
69-8003	AAB5549		1	2	F	Dichloropropane [1,2-]	<	0.007	6.5		MG/KG
69-8003	AAB2808		0	1	F	Dichloropropane [1,3-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Dichloropropane [1,3-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Dichloropropane [2,2-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Dichloropropane [2,2-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Dichloropropene [1,1-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Dichloropropene [1,1-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Dichloropropene [cis-1,3-]	<	0.006	0.17		MG/KG
69-8003	AAB5549		1	2	F	Dichloropropene [cis-1,3-]	<	0.007	0.17		MG/KG
69-8003	AAB2808		0	1	F	Dichloropropene [trans-1,3-]	<	0.006	0.17		MG/KG
69-8003	AAB5549		1	2	F	Dichloropropene [trans-1,3-]	<	0.007	0.17		MG/KG
69-8003	AAB2808		0	1	F	Diethyl phthalate	<	0.76	64000		MG/KG
69-8003	AAB5549		1	2	F	Diethyl phthalate	<	0.87	64000		MG/KG
69-8003	AAB2808		0	1	F	Dimethyl phthalate	<	0.76	800000		MG/KG
69-8003	AAB5549		1	2	F	Dimethyl phthalate	<	0.87	800000		MG/KG
69-8003	AAB2808		0	1	F	Dimethylphenol [2,4-]	<	0.76	1600		MG/KG
69-8003	AAB5549		1	2	F	Dimethylphenol [2,4-]	<	0.87	1600		MG/KG
69-8003	AAB2808		0	1	F	Dinitrophenol [2,4-]	<	3.8	160		MG/KG
69-8003	AAB5549		1	2	F	Dinitrophenol [2,4-]	<	4.3	160		MG/KG
69-8003	AAB2808		0	1	F	Dinitrotoluene [2,4-]	<	0.76	1		MG/KG
69-8003	AAB5549		1	2	F	Dinitrotoluene [2,4-]	<	0.87	1		MG/KG
69-8003	AAB2808		0	1	F	Dinitrotoluene [2,6-]	<	0.76	1		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB5549		1	2	F	Dinitrotoluene [2,6-]	<	0.87	1		MG/KG
69-8003	AAB2808		0	1	F	Ethylbenzene	<	0.006	3100		MG/KG
69-8003	AAB5549		1	2	F	Ethylbenzene	<	0.007	3100		MG/KG
69-8003	AAB2808		0	1	F	Fluoranthene	<	0.76	3200		MG/KG
69-8003	AAB5549		1	2	F	Fluoranthene	<	0.87	3200		MG/KG
69-8003	AAB2808		0	1	F	Fluorene	<	0.76	3200		MG/KG
69-8003	AAB5549		1	2	F	Fluorene	<	0.87	3200		MG/KG
69-8003	AAB2808		0	1	F	Hexachlorobenzene	<	0.76	0.44		MG/KG
69-8003	AAB5549		1	2	F	Hexachlorobenzene	<	0.87	0.44		MG/KG
69-8003	AAB2808		0	1	F	Hexachlorobutadiene	<	0.76	90		MG/KG
69-8003	AAB5549		1	2	F	Hexachlorobutadiene	<	0.87	90		MG/KG
69-8003	AAB2808		0	1	F	Hexachlorocyclopentadiene	<	0.76	560		MG/KG
69-8003	AAB5549		1	2	F	Hexachlorocyclopentadiene	<	0.87	560		MG/KG
69-8003	AAB2808		0	1	F	Hexachloroethane	<	0.76	80		MG/KG
69-8003	AAB5549		1	2	F	Hexachloroethane	<	0.87	80		MG/KG
69-8003	AAB2808		0	1	F	Hexanone [2-]	<	0.022			MG/KG
69-8003	AAB5549		1	2	F	Hexanone [2-]	<	0.026			MG/KG
69-8003	AAB2808		0	1	F	Indeno[1,2,3-cd]pyrene	<	0.76	1		MG/KG
69-8003	AAB5549		1	2	F	Indeno[1,2,3-cd]pyrene	<	0.87	1		MG/KG
69-8000	AAB0898		0	0.5	F	Iron		4510		35600	MG/KG
69-8001	AAB0899		0	0.5	F	Iron		6740		35600	MG/KG
69-8002	AAB0900		0	0.5	F	Iron		25400		35600	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Iron		11100		35600	MG/KG
69-8003	AAB2808		0	1	F	Iron		9480		35600	MG/KG
69-8003	AAB5549		1	2	F	Iron		8640		35600	MG/KG
69-8003	AAB2808		0	1	F	Isophorone	<	0.76	7400		MG/KG
69-8003	AAB5549		1	2	F	Isophorone	<	0.87	7400		MG/KG
69-8003	AAB2808		0	1	F	Isopropylbenzene	<	0.006	3200		MG/KG
69-8003	AAB5549		1	2	F	Isopropylbenzene	<	0.007	3200		MG/KG
69-8003	AAB2808		0	1	F	Isopropyltoluene [4-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Isopropyltoluene [4-]	<	0.007			MG/KG
69-8000	AAB0898		0	0.5	F	Lead		63.9	400	39	MG/KG
69-8001	AAB0899		0	0.5	F	Lead		311	400	39	MG/KG
69-8002	AAB0900		0	0.5	F	Lead		7330	400	39	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Lead		6450	400	39	MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB2808		0	1	F	Lead		32	400	39	MG/KG
69-8003	AAB5549		1	2	F	Lead		14.7	400	39	MG/KG
69-8000	AAB0898		0	0.5	F	Magnesium	<	944		16100	MG/KG
69-8001	AAB0899		0	0.5	F	Magnesium		1590		16100	MG/KG
69-8002	AAB0900		0	0.5	F	Magnesium		1550		16100	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Magnesium		1450		16100	MG/KG
69-8003	AAB2808		0	1	F	Magnesium		2500		16100	MG/KG
69-8003	AAB5549		1	2	F	Magnesium		2670		16100	MG/KG
69-8000	AAB0898		0	0.5	F	Manganese		897	11000	1030	MG/KG
69-8001	AAB0899		0	0.5	F	Manganese		125	11000	1030	MG/KG
69-8002	AAB0900		0	0.5	F	Manganese		264	11000	1030	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Manganese		1420	11000	1030	MG/KG
69-8003	AAB2808		0	1	F	Manganese		192	11000	1030	MG/KG
69-8003	AAB5549		1	2	F	Manganese		167	11000	1030	MG/KG
69-8000	AAB0898		0	0.5	F	Mercury	<	0.04	24	0.1	MG/KG
69-8001	AAB0899		0	0.5	F	Mercury	<	0.03	24	0.1	MG/KG
69-8002	AAB0900		0	0.5	F	Mercury		0.16	24	0.1	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Mercury	<	0.04	24	0.1	MG/KG
69-8003	AAB2808		0	1	F	Mercury	<	0.08	24	0.1	MG/KG
69-8003	AAB5549		1	2	F	Mercury	<	0.09	24	0.1	MG/KG
69-8003	AAB2808		0	1	F	Methyl iodide	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Methyl iodide	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Methyl-2-pentanone [4-]	<	0.022	510		MG/KG
69-8003	AAB5549		1	2	F	Methyl-2-pentanone [4-]	<	0.026	510		MG/KG
69-8003	AAB2808		0	1	F	Methyl-4,6-dinitrophenol [2-]	<	3.9			MG/KG
69-8003	AAB5549		1	2	F	Methyl-4,6-dinitrophenol [2-]	<	4.4			MG/KG
69-8003	AAB2808		0	1	F	Methylene chloride	<	0.01	5.6		MG/KG
69-8003	AAB5549		1	2	F	Methylene chloride	<	0.011	5.6		MG/KG
69-8003	AAB2808		0	1	F	Methylnaphthalene [2-]	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Methylnaphthalene [2-]	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Methylphenol [2-]	<	0.76	4000		MG/KG
69-8003	AAB5549		1	2	F	Methylphenol [2-]	<	0.87	4000		MG/KG
69-8003	AAB2808		0	1	F	Methylphenol [4-]	<	0.76	400		MG/KG
69-8003	AAB5549		1	2	F	Methylphenol [4-]	<	0.87	400		MG/KG
69-8003	AAB2808		0	1	F	Naphthalene	<	0.76	3200		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB5549		1	2	F	Naphthalene	<	0.87	3200		MG/KG
69-8000	AAB0898		0	0.5	F	Nickel	<	5.1	1600	26.7	MG/KG
69-8001	AAB0899		0	0.5	F	Nickel	<	6	1600	26.7	MG/KG
69-8002	AAB0900		0	0.5	F	Nickel		44.5	1600	26.7	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Nickel		20.4	1600	26.7	MG/KG
69-8003	AAB2808		0	1	F	Nickel	<	7.1	1600	26.7	MG/KG
69-8003	AAB5549		1	2	F	Nickel	<	6.2	1600	26.7	MG/KG
69-8003	AAB2808		0	1	F	Nitroaniline [2-]	<	3.8			MG/KG
69-8003	AAB5549		1	2	F	Nitroaniline [2-]	<	4.3			MG/KG
69-8003	AAB2808		0	1	F	Nitroaniline [3-]	<	3.8	240		MG/KG
69-8003	AAB5549		1	2	F	Nitroaniline [3-]	<	4.3	240		MG/KG
69-8003	AAB2808		0	1	F	Nitroaniline [4-]	<	2	240		MG/KG
69-8003	AAB5549		1	2	F	Nitroaniline [4-]	<	2.2	240		MG/KG
69-8003	AAB2808		0	1	F	Nitrobenzene	<	0.76	5.3		MG/KG
69-8003	AAB5549		1	2	F	Nitrobenzene	<	0.87	5.3		MG/KG
69-8003	AAB2808		0	1	F	Nitrophenol [2-]	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Nitrophenol [2-]	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Nitrophenol [4-]	<	3.8	5000		MG/KG
69-8003	AAB5549		1	2	F	Nitrophenol [4-]	<	4.3	5000		MG/KG
69-8003	AAB2808		0	1	F	Nitrosodi-n-propylamine [N-]	<	0.76	0.1		MG/KG
69-8003	AAB5549		1	2	F	Nitrosodi-n-propylamine [N-]	<	0.87	0.1		MG/KG
69-8003	AAB2808		0	1	F	Nitrosodiphenylamine [N-]	<	0.76	140		MG/KG
69-8003	AAB5549		1	2	F	Nitrosodiphenylamine [N-]	<	0.87	140		MG/KG
69-8003	AAB2808		0	1	F	Pentachlorophenol	<	3.8	5.8		MG/KG
69-8003	AAB5549		1	2	F	Pentachlorophenol	<	4.3	5.8		MG/KG
69-8003	AAB2808		0	1	F	Phenanthrene	<	0.76			MG/KG
69-8003	AAB5549		1	2	F	Phenanthrene	<	0.87			MG/KG
69-8003	AAB2808		0	1	F	Phenol	<	0.76	48000		MG/KG
69-8003	AAB5549		1	2	F	Phenol	<	0.87	48000		MG/KG
69-8003	AAB5549		1	2	F	Pinene [alpha-]	TI	0.069			MG/KG
69-8000	AAB0898		0	0.5	F	Potassium	<	1060		6180	MG/KG
69-8001	AAB0899		0	0.5	F	Potassium		1360		6180	MG/KG
69-8002	AAB0900		0	0.5	F	Potassium	<	1010		6180	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Potassium	<	901		6180	MG/KG
69-8003	AAB2808		0	1	F	Potassium		1790		6180	MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB5549		1	2	F	Potassium		1960		6180	MG/KG
69-8003	AAB2808		0	1	F	Propylbenzene	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Propylbenzene	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Pyrene	<	0.76	2400		MG/KG
69-8003	AAB5549		1	2	F	Pyrene	<	0.87	2400		MG/KG
69-8003	AAB5549		1	2	F	Saturated Hydrocarbons	TI	0.041			MG/KG
69-8000	AAB0898		0	0.5	F	Selenium	<	0.65	400	1.7	MG/KG
69-8001	AAB0899		0	0.5	F	Selenium	<	0.51	400	1.7	MG/KG
69-8002	AAB0900		0	0.5	F	Selenium	<	0.54	400	1.7	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Selenium	<	0.53	400	1.7	MG/KG
69-8003	AAB2808		0	1	F	Selenium	<	1.1	400	1.7	MG/KG
69-8003	AAB5549		1	2	F	Selenium	<	0.53	400	1.7	MG/KG
69-8000	AAB0898		0	0.5	F	Silver		36.1	400	1.61	MG/KG
69-8001	AAB0899		0	0.5	F	Silver		95	400	1.61	MG/KG
69-8002	AAB0900		0	0.5	F	Silver		103	400	1.61	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Silver		99.8	400	1.61	MG/KG
69-8003	AAB2808		0	1	F	Silver		3.3	400	1.61	MG/KG
69-8003	AAB5549		1	2	F	Silver	<	1.9	400	1.61	MG/KG
69-8000	AAB0898		0	0.5	F	Sodium	<	274		3320	MG/KG
69-8001	AAB0899		0	0.5	F	Sodium	<	374		3320	MG/KG
69-8002	AAB0900		0	0.5	F	Sodium	<	617		3320	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Sodium	<	502		3320	MG/KG
69-8003	AAB2808		0	1	F	Sodium	<	149		3320	MG/KG
69-8003	AAB5549		1	2	F	Sodium	<	213		3320	MG/KG
69-8003	AAB2808		0	1	F	Styrene	<	0.006	3300		MG/KG
69-8003	AAB5549		1	2	F	Styrene	<	0.007	3300		MG/KG
69-8003	AAB2808		0	1	F	Tetrachloroethane [1,1,1,2-]	<	0.006	270		MG/KG
69-8003	AAB5549		1	2	F	Tetrachloroethane [1,1,1,2-]	<	0.007	270		MG/KG
69-8003	AAB2808		0	1	F	Tetrachloroethane [1,1,2,2-]	<	0.006	3.9		MG/KG
69-8003	AAB5549		1	2	F	Tetrachloroethane [1,1,2,2-]	<	0.007	3.9		MG/KG
69-8003	AAB2808		0	1	F	Tetrachloroethylene	<	0.006	5.9		MG/KG
69-8003	AAB5549		1	2	F	Tetrachloroethylene	<	0.007	5.9		MG/KG
69-8000	AAB0898		0	0.5	F	Thallium	<	0.65	6.4	0.9	MG/KG
69-8001	AAB0899		0	0.5	F	Thallium	<	0.51	6.4	0.9	MG/KG
69-8002	AAB0900		0	0.5	F	Thallium	<	0.54	6.4	0.9	MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8002	AAB0901	FD	0	0.5	F	Thallium	<	0.53	6.4	0.9	MG/KG
69-8003	AAB2808		0	1	F	Thallium	<	0.48	6.4	0.9	MG/KG
69-8003	AAB5549		1	2	F	Thallium	<	0.53	6.4	0.9	MG/KG
69-8003	AAB2808		0	1	F	Toluene	<	0.006	910		MG/KG
69-8003	AAB5549		1	2	F	Toluene	<	0.007	910		MG/KG
69-8003	AAB2808		0	1	F	Trichloro-1,2,2-trifluoroethane [1,1,2-]	<	0.006			MG/KG
69-8003	AAB5549		1	2	F	Trichloro-1,2,2-trifluoroethane [1,1,2-]	<	0.007			MG/KG
69-8003	AAB2808		0	1	F	Trichlorobenzene [1,2,4-]	<	0.76	160		MG/KG
69-8003	AAB5549		1	2	F	Trichlorobenzene [1,2,4-]	<	0.87	160		MG/KG
69-8003	AAB2808		0	1	F	Trichloroethane [1,1,1-]	<	0.006	1000		MG/KG
69-8003	AAB5549		1	2	F	Trichloroethane [1,1,1-]	<	0.007	1000		MG/KG
69-8003	AAB2808		0	1	F	Trichloroethane [1,1,2-]	<	0.006	6.3		MG/KG
69-8003	AAB5549		1	2	F	Trichloroethane [1,1,2-]	<	0.007	6.3		MG/KG
69-8003	AAB2808		0	1	F	Trichloroethene	<	0.006	3.2		MG/KG
69-8003	AAB5549		1	2	F	Trichloroethene	<	0.007	3.2		MG/KG
69-8003	AAB2808		0	1	F	Trichlorofluoromethane	<	0.006	24000		MG/KG
69-8003	AAB5549		1	2	F	Trichlorofluoromethane	<	0.007	24000		MG/KG
69-8003	AAB2808		0	1	F	Trichlorophenol [2,4,5-]	<	0.76	8000		MG/KG
69-8003	AAB5549		1	2	F	Trichlorophenol [2,4,5-]	<	0.87	8000		MG/KG
69-8003	AAB2808		0	1	F	Trichlorophenol [2,4,6-]	<	0.76	64		MG/KG
69-8003	AAB5549		1	2	F	Trichlorophenol [2,4,6-]	<	0.87	64		MG/KG
69-8003	AAB2808		0	1	F	Trichloropropane [1,2,3-]	<	0.006	480		MG/KG
69-8003	AAB5549		1	2	F	Trichloropropane [1,2,3-]	<	0.007	480		MG/KG
69-8003	AAB2808		0	1	F	Trimethylbenzene [1,2,4-]	<	0.006	40		MG/KG
69-8003	AAB5549		1	2	F	Trimethylbenzene [1,2,4-]	<	0.007	40		MG/KG
69-8003	AAB2808		0	1	F	Trimethylbenzene [1,3,5-]	<	0.006	32		MG/KG
69-8003	AAB5549		1	2	F	Trimethylbenzene [1,3,5-]	<	0.007	32		MG/KG
69-8003	AAB5549		1	2	F	Unknown organic compound	TI	0.88			MG/KG
69-8000	AAB0898		0	0.5	F	Vanadium	<	7.7	560	66.2	MG/KG
69-8001	AAB0899		0	0.5	F	Vanadium	<	9.7	560	66.2	MG/KG
69-8002	AAB0900		0	0.5	F	Vanadium		15.7	560	66.2	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Vanadium		13.6	560	66.2	MG/KG
69-8003	AAB2808		0	1	F	Vanadium	<	10.5	560	66.2	MG/KG
69-8003	AAB5549		1	2	F	Vanadium	<	8.4	560	66.2	MG/KG
69-8003	AAB2808		0	1	F	Vinyl chloride	<	0.011	0.013		MG/KG

Analytical Results from FIMAD for PRS 69-001 dated 9/27/95

Location	Sample	Code	Begin	End	Units	Analyte		Sample Value	SAL	Bkgd UTL	Units
69-8003	AAB5549		1	2	F	Vinyl chloride	<	0.013	0.013		MG/KG
69-8003	AAB2808		0	1	F	Xylenes (o + m + p) [Mixed-]	<	0.006	160000		MG/KG
69-8003	AAB5549		1	2	F	Xylenes (o + m + p) [Mixed-]	<	0.007	160000		MG/KG
69-8000	AAB0898		0	0.5	F	Zinc		432	24000	101	MG/KG
69-8001	AAB0899		0	0.5	F	Zinc		515	24000	101	MG/KG
69-8002	AAB0900		0	0.5	F	Zinc		2380	24000	101	MG/KG
69-8002	AAB0901	FD	0	0.5	F	Zinc		2460	24000	101	MG/KG
69-8003	AAB2808		0	1	F	Zinc		173	24000	101	MG/KG
69-8003	AAB5549		1	2	F	Zinc		224	24000	101	MG/KG