Public Service Company
of New Mexico
2401 Aztec, NE
Albuquerque, NM 87107
Fax 505 855-6320

LIBRARY COPY

January 31, 2005

RECEIVED
FEB 2005
NMED Hazardous
Waste Bureau

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Carolyn Cooper
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Santa Fe, NM 87505

RE: Person Generating Station (NMT 360010342) – RCRA Post-Closure Care Permit Modification Request, Supplemental Information

Dear Ms. Cooper:

Public Service Company of New Mexico (PNM) is submitting the following comments and information as requested in the Notice of Deficiency letter from the New Mexico Environment Department Hazardous Waste Bureau (HWB), dated September 4, 2003.

General Comments:

1. As was noted in the HWB letter, the incorrect citation was referenced on page 2, Section 3.0. The correct citation is 40 CFR 270.42(c)(2).

2. The public notice was published in the Albuquerque Journal on March 21, 2003.

3. Enclosed as Attachment A is a corrected copy of the RCRA Subtitle C Site Identification Form with treatment activities checked.

4. Enclosed as Attachment B are three maps, which provide the information required by 20.4.1.900 NMAC (incorporating 40 CFR 270.14(l)). The topographic map illustrates wells and surface water bodies. The second map illustrates the location of the solid waste management units (previously included in the modification request document). The third map illustrates the locations of the groundwater monitoring wells, extractions wells, and the treated effluent discharge location.

5. As was noted in the HWB letter, the incorrect permit condition was referenced. The correct permit condition is III.E.

6. During the RCRA Facility Investigation that was conducted in August 1989, extensive soil sampling of the Natural Pit Area and selected surrounding areas occurred. Four background samples were collected for total chromium analyses from areas outside the RCRA facility boundary on August 1, 1989.

   The soil samples were collected at 1-foot intervals down to a total depth of 5 feet. The average for all four soil samples ranged from 2.95 mg/kg in the 2- to 3-foot interval to 4.50 mg/kg in the 0- to 1-foot interval.

Natural Pit Area (NPA):

1. Enclosed as Attachment C is the analytical report for the total chromium sample collected from the GTS influent. As the report indicates, the total chromium concentration in the sample was 0.0080 mg/l, well below the New Mexico Water Quality Control Commission standard of 0.05 mg/l.

Spin-Off Filter Area:

1. PNM has provided several reports to the HWB in the past regarding work activities conducted at the NPA and the Spin-Off Filter Area. If necessary, PNM can provide copies of these reports to the HWB again. However, in an effort to expedite this request, PNM has included copies of some previously submitted information in Attachment D.

   The attached figure shows the pre-excavation extent of the NPA and the adjacent spin-off filter area. Also included in Attachment D is a copy of the November 1998 report titled, Closure Report: PNM Person Generating Station Hazardous Waste Storage Facility – Natural Pit Area NMT360010342. This report was previously provided to the HWB in support of PNM's request for a No Further Action determination.

2. Table 3 on page 2-17 of the above-referenced closure report shows the concentrations of total recoverable petroleum hydrocarbons in the soil after completion of NPA excavation activities. As the table indicates, the concentrations are insignificant.

3. As a result of past construction activities, substantial earthwork and grading has occurred in the Spin-Off Filter Area (as well as the entire facility). Consequently, an accurate delineation of the Spin-Off Filter Area is no longer possible. However, PNM collected one composite soil sample from the area that generally comprised the Spin-Off Filter Area. As requested by the HWB, the sample was analyzed for volatile organic compounds (EPA Method 8260), semi-volatile organic compounds (EPA Method 8270), and RCRA total metals (EPA Methods 6010B and 7471A).

   As the analytical report indicates, the sample was non-detect for volatiles and semi-volatiles. Results for the eight RCRA metals analyses indicate low concentrations of arsenic, barium, chromium, and lead. Although the analyses were performed using a totals method, an approximation of the relevant RCRA TCLP standards can be obtained by dividing each total metal concentration by 20. As the table below indicates, the concentrations are well below the respective TCLP concentrations. A copy of the analytical report is included in Attachment E.

Parameter	Total Concentration (mg/kg)	TCLP Approximation Concentration (mg/L)	RCRA TCLP Standard (mg/L)
Arsenic	2.0	2.0/20 = 0.10	5.0
Barium	65	65/20 = 3.2	100
Cadmium	BDL	-	1.0
Chromium	6.2	6.2/20 = 0.31	5
Lead	6.8	6.8/20 = 0.34	5
Selenium	BDL	-	1.0
Silver	BDL	-	5.0
Mercury	BDL	-	0.2

BDL: Below Detection Limit

4. The final disposal locations of all the oil filters are unknown. Some of the oil filters were disposed of with the excavated petroleum-contaminated soil at the Waste Management Landfill, located in Rio Rancho, NM. Other oil filters may have been disposed of in Person Generating Station solid waste collection bins, which was consistent with the relevant regulations at that time.

Leach Fields:

1. Although there was no evidence to indicate that non-sanitary wastewater discharges had occurred to the facility leach fields, the NMED requested that PNM conduct investigations into the four abandoned leach fields located at the Person Generating St.

   PNM determined that one of the four leach fields was not associated with the Person Generating St., but rather the adjacent PNM power operations office building. This facility consists of offices only and, therefore, would have only received sanitary wastewater. Consequently, soil sampling activities were only conducted on three leach fields.

   The results of the investigation are presented in the attached report titled, Leach Field Investigation, Public Service Company of New Mexico, Person Generating Station (Attachment F). As the report indicates, analytical results for the soil samples collected from the three leach fields were non-detect for volatiles and semi-volatiles analyses. The RCRA metals analytical results indicate low concentrations in the soil samples, which can be attributed to naturally occurring background levels.

Boneyard:

1. PNM is unaware of any solvent use or storage of solvents that occurred in the boneyard area. Consequently, no soil sampling was conducted in this area.

If you have any questions, please contact me at (505) 855-6392.

Sincerely,

John Hale

John Hale, P.E.
Technical Project Manager

Enclosures

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ATTACHMENT A

EPA ID No. N M T 3 6 0 0 1 0 3 4 2

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 28 to 32)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste (choose only one of the following three categories)

- ☐ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ☒ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

- ☐ d. United States Importer of Hazardous Waste
- ☐ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

- ☐ 2. Transporter of Hazardous Waste
- ☒ 3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: A hazardous waste permit is required for this activity.
- ☐ 4. Recycler of Hazardous Waste (at your site) Note: A hazardous waste permit may be required for this activity.
- 5. Exempt Boiler and/or Industrial Furnace
  - ☐ a. Small Quantity On-site Burner Exemption
  - ☐ b. Smelting, Melting, and Refining Furnace Exemption
- ☐ 6. Underground Injection Control

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	☐	☐
b. Pesticides	☐	☐
c. Thermostats	☐	☐
d. Lamps	☐	☐
e. Other (specify) _____	☐	☐
f. Other (specify) _____	☐	☐
g. Other (specify) _____	☐	☐

☐ 2. Destination Facility for Universal Waste
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)
   - ☐ a. Transporter
   - ☐ b. Transfer Facility
2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)
   - ☐ a. Processor
   - ☐ b. Re-refiner
- ☐ 3. Off-Specification Used Oil Burner
4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
   - ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
   - ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

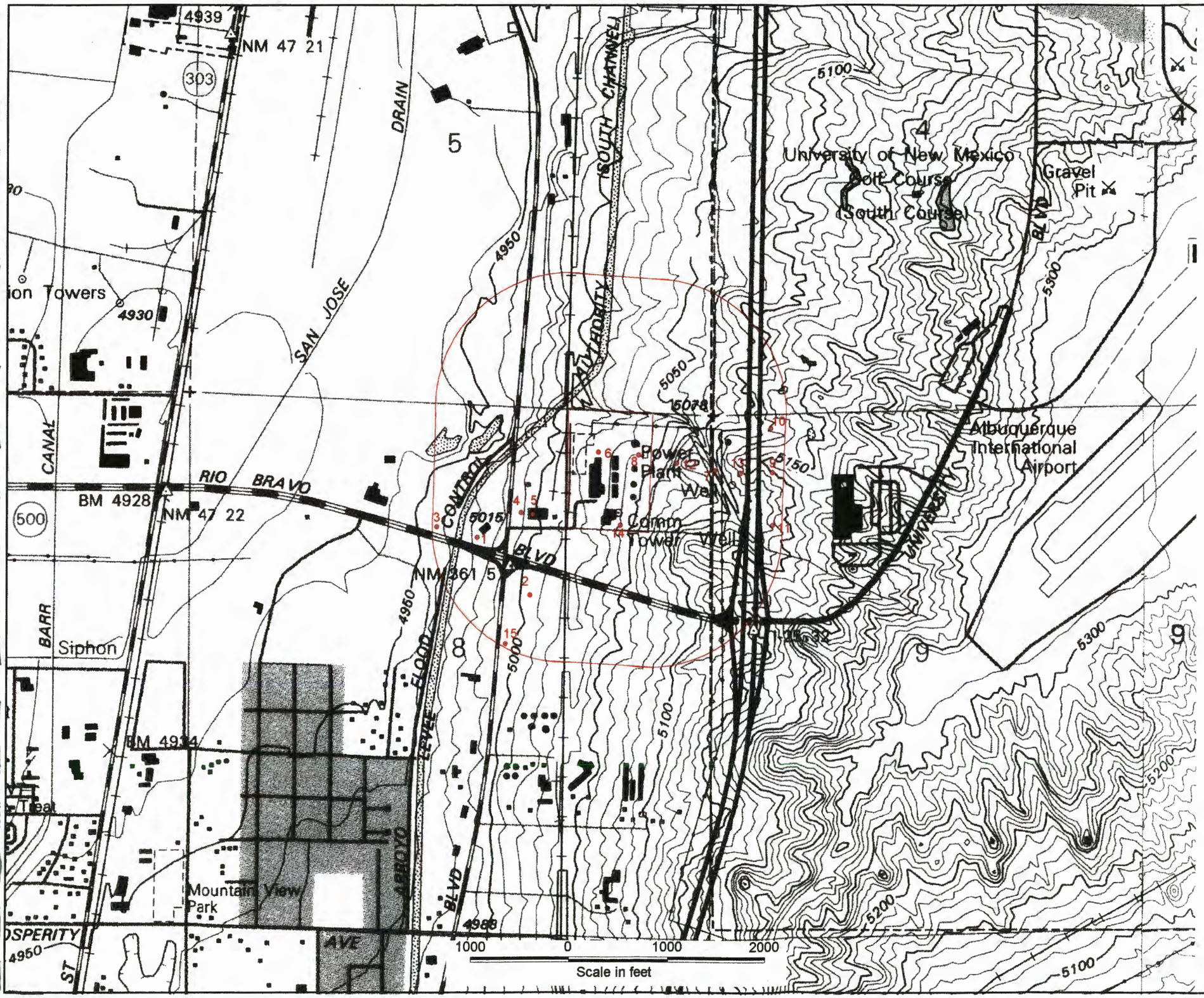
11. Description of Hazardous Wastes (See instructions on page 33) See HW Permit Information Form, Item 10.

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

N/A						

ATTACHMENT B

TO VIEW THE MAP AND/OR MAPS WITH THIS DOCUMENT, PLEASE CALL THE HAZARDOUS WASTE BUREAU AT 505-476-6000 TO MAKE AN APPOINTMENT



LEGEND

● Water Supply Well

Y/Mile Perimeter

METRIC CORPORATION

WATER WELLS with in ¼ MILE of PNM-PERSON STATION

BERNALILLO COUNTY, NEW MEXICO

27 Oct. 2003 | FIGURE

AMAFCA SOUTH DIVERSION CHANNEL
WEST POND
EAST POND
UNIVERSITY OF NEW MEXICO
CHAMPIONSHIP
GOLF COURSE
GTS
BUILDING
CAPITAL
LUMBER
PERSON
STATION
POWER
OPERATIONS
DELTA
PERSON
STATION
ETHICON
I-25
RIO BRAVO
UNIVERSITY
LEGEND:
PERSON GENERATING STATION
Shallow Groundwater Monitor Wells
Deeper Groundwater Monitor Wells
Extraction Wells
N
PSMW-17C
PSMW-17-300
PSMW-17-400
PSMW-17-500
PSMW-17-600
PSMW-17-700
PSMW-17-900
PSMW-19C
PSMW-19-300
PSMW-19-400
PSMW-19-500
PSMW-19-600
PSMW-21C
PSMW-21-400
PSMW-21-500
PSMW-21-600
PSMW-21-700
PSMW-21-800
PSMW-21-900
PSMW-22C
PSMW-22-400
PSMW-22-500
PSMW-22-600
PSMW-22-700
PSMW-22-900
PSMW-24C
PSMW-24-400
PSMW-24-500
PSMW-24-600
PSMW-24-700
PSMW-24-800
PSMW-24-900
PSMW-25C
PSMW-25-400
PSMW-25-500
PSMW-25-600
PSMW-25-700
PSMW-25-800
PSMW-25-900
PSMW-27C
PSMW-27-400
PSMW-27-500
PSMW-27-600
500
0
500 Feet
AERIAL PHOTOGRAPH - SEPTEMBER 2002

ATTACHMENT C

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

PL I.D. **310007**

October 29, 2003

PNM
4400 Paseo Del Norte
Albuquerque, NM 87113

Project Name/Number: PERSON STATION REMEDIATION

Attention: Chuck Arater

On **10/01/03**, Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by Severn Trent Laboratories Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: PUBLIC SERVICE COMPANY OF NM	DATE RECEIVED	: 10/01/03
PROJECT #	: REMEDIATION		
PROJECT NAME	: PERSON STATION	REPORT DATE	: 10/29/03

PL ID: 310007

	PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	310007-01	GTS INFLUENT	AQUEOUS	10/01/03

---TOTALS---

MATRIX	#SAMPLES
AQUEOUS	1

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Report

For: Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107
CC:

Order Number: C310064
SDG Number:
Client Project ID:
Project: 310007, PNM-PERSON STATION
Report Date: 10/10/2003
Sampled By: Client
Sample Received Date: 10/02/2003
Requisition Number:
Purchase Order: 310007

Lance Larson, Project Manager
llarson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: C310064
Date Received: 10/02/2003

Client: Pinnacle Laboratories
Project: 310007, PNM-PERSON STATION

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
GTS-INFLUENT/310007-01	C310064*1	Liquid	10/01/2003 10:54

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10064-1	GTS-INFLUENT/310007-01	Liquid	10/02/03	10/01/03 10:54	

Parameter	Units	Lab Sample IDs 10064-1
Chromium (6010B)		
Chromium	mg/l	0.0080
Analyst		GSP
Prep Date		10/07/03
Analysis Date		10/08/03
Batch ID		PW369
Prep Method		3010A
Dilution Factor		1

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10064-2	Method Blank	Liquid	10/02/03		
10064-3	Lab Control Standard % Recovery	Liquid	10/02/03		
10064-4	Matrix Spike % Recovery	Liquid	10/02/03		
10064-5	Matrix Spike Duplicate % Recovery	Liquid	10/02/03		

Parameter	Units	Lab Sample IDs 10064-2	10064-3	10064-4	10064-5
Chromium (6010B)					
Chromium	mg/l	<0.0050	105 %	106 %	107 %
Analyst		GSP			
Prep Date		10/07/03			
Analysis Date		10/08/03			
Batch ID		PW369	PW369	PW369	PW369
Prep Method		3010A			
Dilution Factor		1			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

STL Pensacola
PROJECT SAMPLE INSPECTION FORM

SEVERN TRENT STL

Lab Order #: C310064 Date Received: 10/2/03

1. Was there a Chain of Custody? (Yes) No♣
2. Was Chain of Custody properly filled out and relinquished? (Yes) No♣
3. Were all samples properly labeled and identified? (Yes) No♣
4. Were samples received cold? (Criteria: 2° - 6°C: STL-SOP 1055) (Yes) No♣ N/A
5. Did samples require splitting or compositing♦? Yes♣ (No)
6. Were samples received in proper containers for analysis requested? (Yes) No♣
7. Were all sample containers received intact? (Yes) No♣
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)*+ (Yes) No♣ N/A
9. Is there sufficient volume for analysis requested? (Yes) No♣ N/A *(Can)*
10. Were samples received within Holding Time? (REFER TO STL-SOP 1040) (Yes) No♣
11. Is Headspace visible > ¼" in diameter in VOA vials?* Yes♣ No (N/A)
12. **Were Trip Blanks Received?** Yes No (N/A)
13. If sent, were matrix spike bottles returned? Yes No♣ (N/A)
14. If sent, were T-Handles returned? Yes No♣ (N/A)
15. If any issues, how was PM notified? PSIF ☐ Verbal ☐

Airbill Number(s): 1Z8781680143652819 **Shipped By:** (UPS) FedX HD BUS ABX

(HD – Hand Delivery)

Cooler Numbers & Temp(s) (°C): Client 2°C OK

(IE. 340L-4°C-CCK8 -- LIST THERMOMETER NUMBER FOR VERIFICATION)

Out of Control Events and Inspection Comments (list sample IDs/Tests where appropriate):

1-3. COC/Sample ID/COC discrepancy:

4. Insufficient Ice ☐ Delay in delivery ☐ Other ☐
5. Samples were Split ☐ Composited ☐ Requested by: Client ☐ PM ☐ Other:
6. Improper Containers (ID/Size/desc):
7. Broken bottles/Test:
8. Incorrect pH:
9. Test/Matrix/Volume:
10. Out of Holding Time/Test:
11. VOA headspace >1/4"
(list~size)

List additional comments by above number:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: MHS **Date:** 10/2/03 **Logged By:** MHS **Date:** 10/2/03

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples(pH, Dissolved O2, Residual CL) as out of hold time, therefore, these samples will not be documented on this PSIF.*

♦ *All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting (compositing)"*

\+ *All pH results for North Carolina, New York, and other requested samples are to be recorded on the pH log provided (STL-SOP 938).*

* *According to EPA, ¼" of headspace is acceptable in 40 ml vials requiring volatile analysis.*

SEVERN TRENT STL

Organic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
D	The result was obtained from a dilution.
E	The result exceeds the calibration range.
J	Estimated value because the analyte concentration is less than the reporting limit.
M	A matrix effect was present.
N	Presumptive evidence of a compound. The compound was identified qualitatively or as a Tentatively Identified Compound.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
P	Second-column or detector confirmation exceeded method criteria. Appropriate value is reported and data is flagged/qualified as instructed by method/regulation.
U or < or ND	The analyte was not detected.
*	The result is not within control limit(s).

Inorganic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
E	The reported value is estimated because of the presence of interference.
J	Estimated value because the analyte concentration is less than the reporting limit.
N	The spiked sample recovery is not within control limits.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
U or < or ND	The analyte was not detected.
*	Duplicate analysis not within control limits
M	The duplicate injection precision was not met.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance and post spike recovery is greater than or equal to 40%, the sample is flagged with a "W" and no further action is required.
+	The Standard Additions Correlation Coefficient is <0.995.

It is permissible to submit an Out-of-Control Events/Corrective Action form and/or Case Narrative in lieu of using above qualifiers.

When the laboratory receives a sample that does not meet EPA requirements for sample collection, preservation or holding time, the laboratory is required to reject the samples. The client must be notified and asked whether the lab should proceed with analysis. Data from any samples that do not meet sample acceptance criteria (collection, preservation and holding time), must be flagged, or noted on a corrective action form or case narrative, or addressed on the Project Sample Inspection Form (PSIF) in an unambiguous manner clearly defining the nature and substance of the variation. NPDES samples from North Carolina that do not meet EPA requirements for sample collection, preservation or holding time are non-reportable for NPDES compliance monitoring.

Abbreviations

ND	Not Detected at or above the STL Pensacola reporting limit (RL)
NS	Not Submitted
NA	Not Applicable
MDL	STL Pensacola Method Detection Limit
RL	STL Pensacola Reporting Limit
NoMS	Not enough sample provided to prepare and/or analyze a method-required matrix spike (MS) and/or duplicate (MSD)

Florida Projects Inorganic/Organic

Refer to FL DEP 62-160.700(7); Table 7 Data Qualifier Codes. FL DEP Rule 62-160.670(1)(h) states that laboratories shall include the analytical result for each analysis with applicable data qualifiers. FL DEP Rule 62-160.700(7), Table 7 lists the FL DEP data qualifiers. FL DEP Rule 62-160.700(3), Table 3 lists the Florida sites which require data qualifiers.

Arizona DEQ Projects

Any qualified data submitted to Arizona DEQ (ADEQ) after January 1, 2001 must be designated using the Arizona Data Qualifiers as developed by the Arizona ELAC technical subcommittee. Refer to the ADEQ qualifier list.

Severn Trent Laboratories Inc.
STL Pensacola • 3355 McLemore Dr • Pensacola, FL 32514
Tel 850 474 1001 Fax 850 484 5315 • *www.stl-inc.com*

SEVERN TRENT STL

STL PENSACOLA
Certifications, Memberships & Affiliations

Alabama *Department of Environmental Management, Laboratory ID No. 40150 (Drinking Water by Reciprocity with FL)*

Arizona *Department of Health Services, Lab ID No. AZ0589 (Hazardous Waste & Wastewater)*

Arkansas *Department of Pollution Control and Ecology, (88-0689) (Environmental)*

California *Department of Health Services,* ***ELAP*** *Laboratory ID No. I-2510 (Hazardous Waste and Wastewater)*

Connecticut *Department of Health Services, Connecticut Lab Approval No. PH-0697 (D W, H W and Wastewater)*

Florida *DOH,* ***NELAP*** *Laboratory ID No. E81010 (Drinking Water, Hazardous Waste and Wastewater)*

Florida *DEP/DOH CompQAP # 980156*

Iowa *Department of Natural Resources, Laboratory ID No. 367 (WW & UST)*

Kansas *Department of Health & Environment,* ***NELAP*** *Laboratory ID No. E10253 (Wastewater and Hazardous Waste)*

Kentucky *NR&EPC, Laboratory ID No. 90043 (Drinking Water)*

Louisiana *DEQ, LELAP,* ***NELAP*** *Laboratory ID No. 02075, Agency Interest ID 30748 (Environmental)*

Maryland *DH&MH Laboratory ID No. 233 (Drinking Water by Reciprocity with Florida)*

Massachusetts *DEP, Laboratory ID No. M-FL094 (Wastewater)*

Michigan *Bureau of E&OccH, Laboratory ID No.9912 (Drinking Water by Reciprocity with Florida)*

New Hampshire *DES ELAP,* ***NELAP*** *Laboratory ID No. 250502 (Drinking Water & Wastewater)*

New Jersey *DEP&E,* ***NELAP*** *Laboratory ID No. FL006 (Wastewater and Hazardous Waster)*

North Carolina *DENR, Laboratory ID No. 314 (Hazardous Waste and Wastewater)*

North Dakota *DH&Consol Labs, Laboratory ID No. R-108 Wastewater and Hazardous Waste by Reciprocity with Florida)*

Oklahoma *Department of Environmental Quality, Laboratory ID No. 9810 (Hazardous Waste and Wastewater)*

Pennsylvania *Department of Environmental Resources,* ***NELAP*** *Laboratory ID No. 68-467 (Drinking Water & Wastewater)*

South Carolina *DH&EC, Laboratory ID No. 96026 (Wastewater & Solids/Hazardous Waste by Reciprocity with FL)*

Tennessee *Department of Health & Environment, Laboratory ID No. 02907 (Drinking Water)*

Virginia *Department of General Services, Laboratory ID No. 00008 (Drinking Water by Reciprocity with FL)*

West Virginia *DOE, Office of Water Resources, Laboratory ID No. 136 (Haz Waste and Wastewater)*

AIHA *(American Industrial Hygiene Association) Accredited Laboratory, Laboratory ID No. 100704. Participant in AIHA sponsored Laboratory PAT Rounds*

EPA ICR *(Information Collection Rule) Approved Laboratory, Laboratory ID No. ICRFL031*

NFESC *(Naval Facilities Engineering Services Center)*

USACE *(United States Army Corps. of Engineers), MRD*

STL Pensacola also has a foreign soil permit to accept soils from locations other than the continental United States. Permit No. S-37599

certlist\condcert.lst revised 9/30/03

Total Pages of Report 9

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 10/1/03 Page: 1 of 1

PINNACLE LABORATORIES

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

C310064

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	Total Cr (6010)	TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
GTS-Influent/310007-01	10/1/03	1054	AQ							X																		

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:	
PROJECT #: 310007		Total Number of Containers		PENSACOLA - STL-FL	X
PROJ. NAME: PNM		Chain of Custody Seals		ESL - OR	
QC LEVEL: STD IV		Received Intact?		ATEL - AZ	
QC REQUIRED: MS MSD BLANK		Received Good Cond./Cold		ATEL - MARION	
TAT: STANDARD RUSH!!		LAB NUMBER:		ATEL - MELMORE	
				EHL	
DUE DATE: 10/15	COMMENTS:			GEL	
RUSH SURCHARGE: —				U OF MIAMI	
CLIENT DISCOUNT: —				WCAS	
SPECIAL CERTIFICATION REQUIRED: YES NO				WOHL	

RELINQUISED BY: 1.	RELINQUISED BY: 2.
Signature: Francine Tarino Time: 1700	Signature: Time:
Printed Name: Francine Tarino Date: 10/1/03	Printed Name: Date:
Pinnacle Laboratories, Inc.	Company
RECEIVED BY: 1.	**RECEIVED BY: 2.**
Signature: Mark Swafford Time: 950	Signature: Time:
Printed Name: Date: 10/2/03	Printed Name: Date:
Company STGINC	Company

PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 10-1-03 PAGE: 1 OF 1

PLI Accession #: 310007

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Chuck Arater

COMPANY: PNM
ADDRESS: 4400 Paseo Del Norte
ABQ N.M. 87113
PHONE: 241-4744
FAX: 271-2457

BILL TO:
COMPANY: SAME
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject		(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals: Total CR		NUMBER OF CONTAINERS
GTS Influent	10-1-03	1054	AQ	01																											X		1

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: Remediation
PROJ. NAME: Person Station
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	1
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Y/N
BLUE ICE/ICE	13.6°

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☑
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS: 2 copies of report

Direct from Field

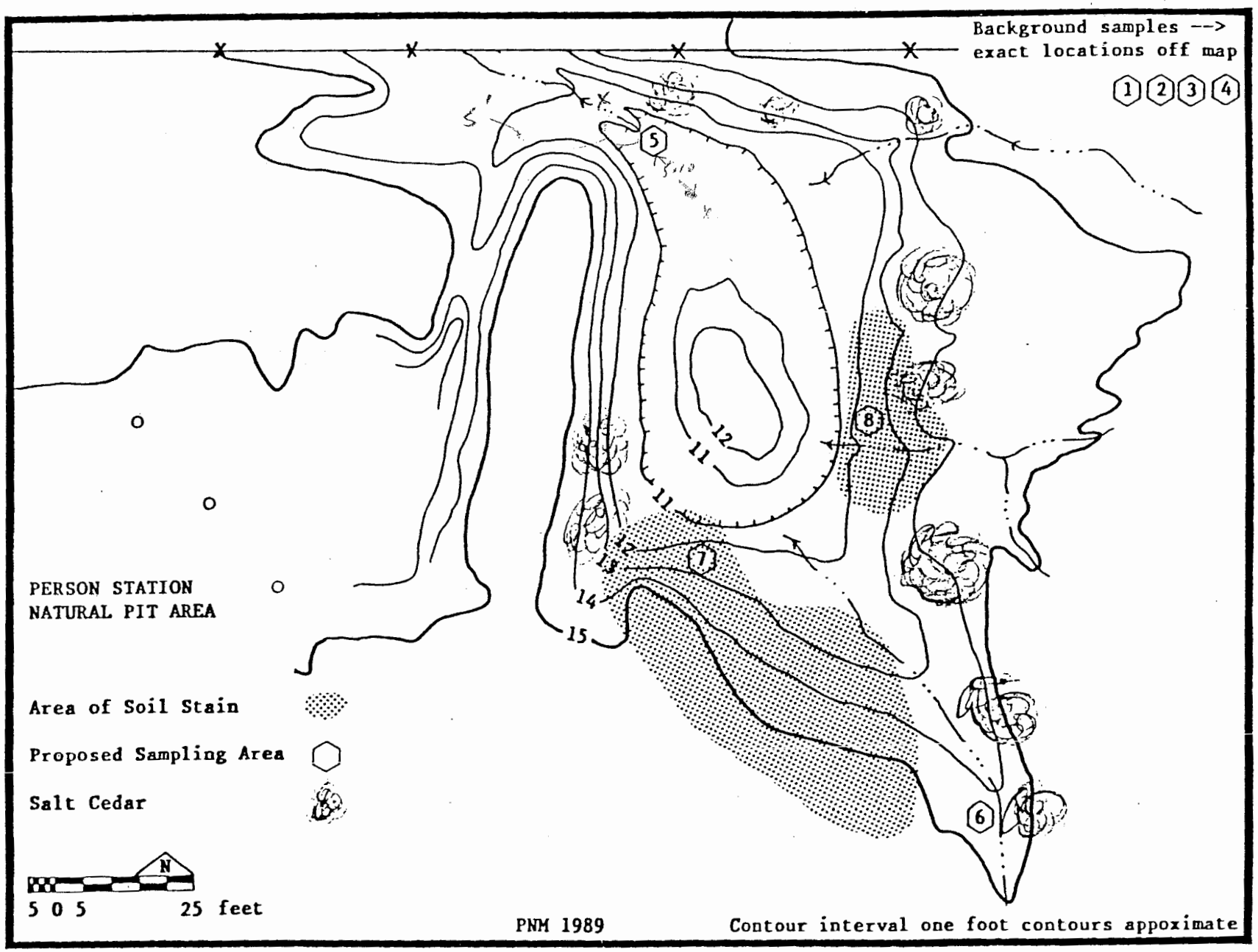
RELINQUISHED BY : 1.
Signature: Chuck Arater Time: 134
Printed Name: Chuck Arater Date: 10-1-03
Company: PNM
See Reverse side (Force Majeure)

RELINQUISHED BY : 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY : 1.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY : (LAB) 2.
Signature: Francine Tanio B22 Time:
Printed Name: Francine Tanio Date: 10/1/03
Pinnacle Laboratories Inc.

ATTACHMENT D


Background samples -->
exact locations off map
1 2 3 4
5
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11
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14
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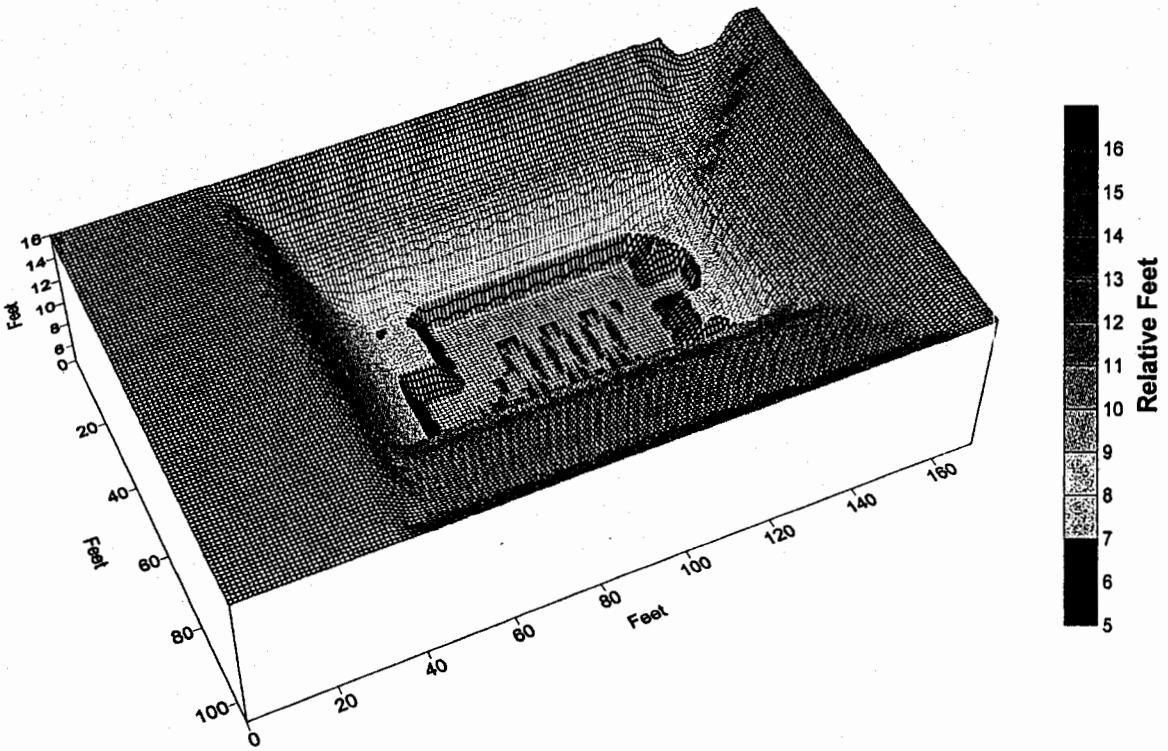
PERSON STATION
NATURAL PIT AREA
Area of Soil Stain
Proposed Sampling Area
Salt Cedar
N
5 0 5
25 feet
PNM 1989
Contour interval one foot contours appoximate

Closure Report: PNM Person Generating Station
Hazardous Waste Storage Facility – Natural Pit Area
NMT360010342



November 30, 1998

Prepared by:

Public Service Company of New Mexico
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Albuquerque, NM 87158

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APPENDICES

Appendix A Soil Disposal Manifests
Appendix B Laboratory Analytical Data

1. Introduction

In 1998, PNM elected to address environmental issues associated with the natural pit area (NPA) in order to facilitate Person Generation Station site reuse by PNM and others. Public Service Company of New Mexico (PNM) performed closure activities for the natural pit area (NPA) at the Person Generating Station from May through September 1998.

The Person Generating Station is a 22-acre site owned by PNM located immediately north of Rio Bravo Boulevard, approximately 1,000 feet west of Interstate 25. Person Generating Station was a gas and oil-fired production facility that operated from 1951 through 1986. The site still contains an active electrical switching station and power operations facility. PNM plans to lease a portion of the site to house a peaking generator. This peaking plant is expected to be on line in the year 2000. The site is at an elevation of 5,000 to 5,060 feet, with a natural slope towards the west. The depth to water is approximately 100 feet, and groundwater flows east to southeast. Surrounding land use is primarily heavy manufacturing, with residences located over 1/3 mile southwest and upgradient of the site.

In accordance with prior work plans for clean closure submitted to NMED and EPA Region VI, and presented at public hearing, PNM performed grid sampling, excavation, off-site disposal, and confirmation sampling to attain clean closure objectives in the NPA for total chromium and total fuel hydrocarbons. Clean closure objectives referenced in the work plan were further modified based on verbal agreement with NMED in August 1998 to include a clean closure risk-based standard for total chromium of 210 mg/Kg. This cleanup criterion for total chromium is consistent with EPA Region 9 soil screening guidance as being protective of both human health and the environment for residential soils (U.S. EPA, 1996).

As documented in this report, PNM has achieved clean closure objectives at the NPA and is requesting that NMED provide a determination for No Further Action (NFA) using NFA Criterion #5 and approve a RCRA permit modification (NMT360010342) to remove the former NPA as a solid waste management unit (SWMU) at this site.

2. Solid Waste Management Unit - Natural Pit Area

2.1 Summary

The Person Generating Station is a 22-acre site owned by PNM located immediately north of Rio Bravo Boulevard, approximately 1,000 feet west of Interstate 25. The site is at an elevation of 5,000 to 5,060 feet, with a natural slope towards the west. The depth to water is approximately 100 feet, and groundwater flows east to southeast. Surrounding land use is primarily heavy manufacturing, with residences located over 1/3 mile southwest and upgradient of the site.

The Natural Pit Area was identified as a solid waste management unit (SWMU) in the United States Environmental Protection Agency (EPA) Region VI hazardous waste permit for the Person Generating Station. The area was identified during an EPA site visit in 1988 as a potential disposal area that had received wastes containing organics (toluene and naphthalene) and heavy metals (lead, arsenic, chromium). Visible fuel oil contamination was also noted along the southern perimeter of the NPA by EPA in 1988.

A total of 947 cubic yards of soil have been removed from the NPA in the course of clean closure activities performed by PNM. Resulting contaminant concentrations meet closure criteria. Therefore, PNM is petitioning the NMED for a NFA determination based on NFA Criterion #5.

2.2 Description and Operational History

2.2.1 Description

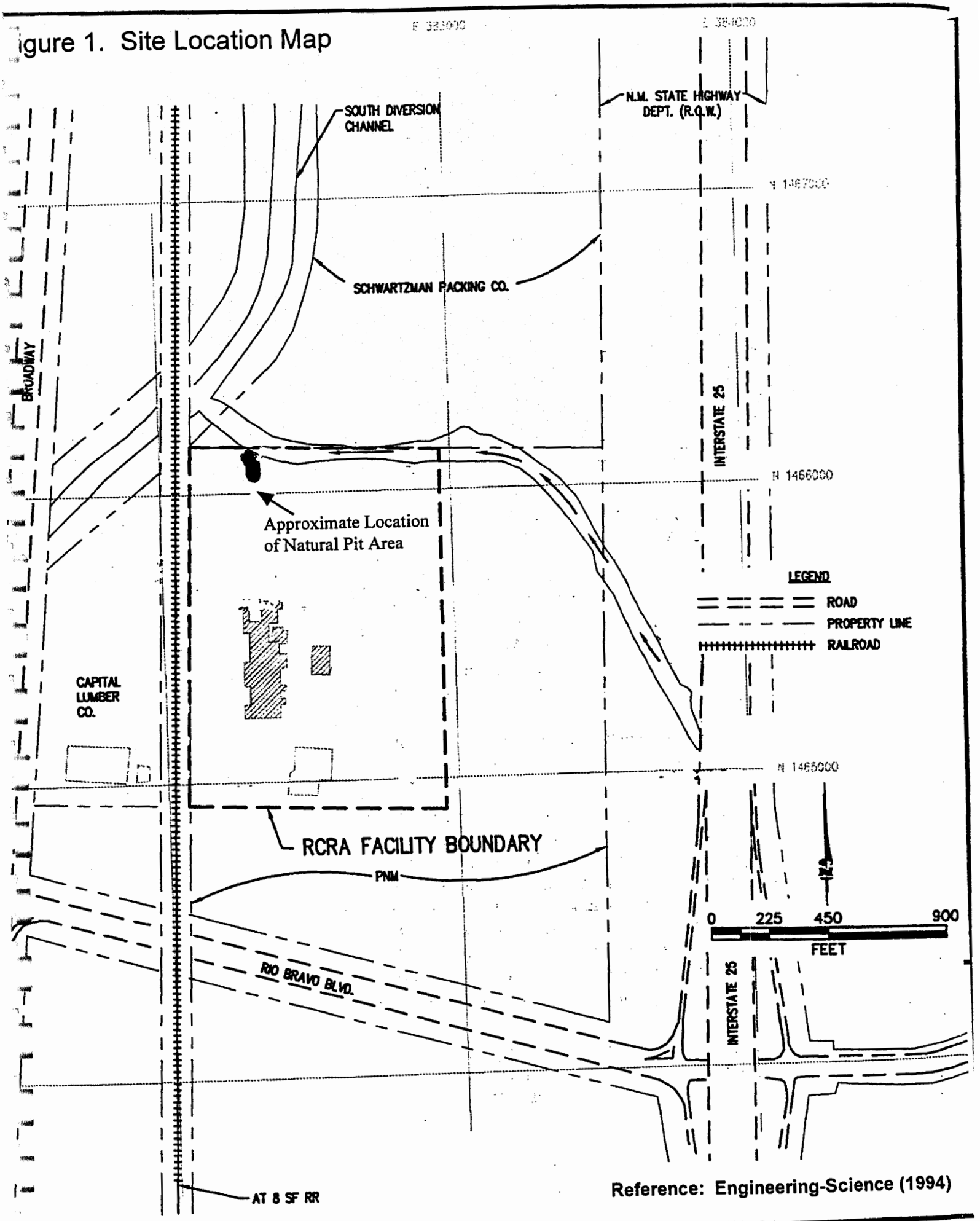
In 1988, the United States Environmental Protection Agency (EPA) Region VI issued a hazardous waste permit for the Person Generating Station wherein the NPA was identified as a solid waste management unit (SWMU). Person Generating Station and the NPA are shown on Figure 1.

The NPA is located north of the main building and is comprised of a natural depression with approximate dimensions of 40 by 70 feet, and approximately 2 to 4 feet below adjacent ground surface. The NPA slopes to the north north-west connecting to an east-west drainage. Soils in the area belong to the Bluepoint-Kokan group and consist of calcareous, loamy fine to gravely sands to depths of five feet. This natural depression had locations of brown/black staining believed to be associated with spilled fuel oil (#6 burner fuel resulting from an oil tanker truck spill in 1979) and sporadic disposal of used crankcase oil. Constituents of concern initially identified by EPA included: arsenic, chromium, lead, toluene, and naphthalene. The NPA has not been used for disposal since it was identified in 1988.

2.2.2 Site History

The EPA requested further investigation regarding the potential release of hazardous constituents from the NPA into the environment. In August of 1988, a joint post-closure hazardous waste permit (NMT360010342) was issued by the New Mexico Environment Department (NMED) and the EPA. The NMED portion of the permit requested PNM

igure 1. Site Location Map



Reference: Engineering-Science (1994)

perform investigations concerning an underground storage tank; the EPA portion of the permit required further investigation of the NPA.

In March 1989, PNM submitted a RCRA Facility Investigation (RFI) Work Plan for the NPA to EPA. The work plan detailed the methods and procedures used by PNM to investigate potential releases of contaminants into the environment from the NPA.

EPA approved the Work Plan in July 1989. Field sampling was performed in August 1989. Results of field sampling confirmed the presence of fuel oil contamination in discrete areas on the southern margin of the Natural Pit. Phase I sampling also revealed the presence of chromium, lead, and arsenic within the upper two feet of soil within the NPA. No other organic constituents of concern were identified, other than oil and grease exceeding 10,000 ppm in the upper 3 feet of soil within the fuel oil release area. PNM submitted a report to EPA ("RFI Report of Findings") in January 1990. EPA requested additional soil sampling for heavy metals. This additional sampling (Phase II) was performed in June 1990. Phase II sampling confirmed the presence of chromium, lead, and arsenic above background tolerance levels in the upper three feet of soil. Soils sampled below three feet all met background tolerance levels for lead, cadmium, and arsenic. Only total chromium concentrations exceeded background tolerance levels at depths greater than three feet. In 1991, EPA agreed to use total chromium as an indicator of heavy metal contamination and total petroleum hydrocarbons as an indicator of contamination by fuel oil constituents.

Total chromium contamination appeared to be confined to the central area of the NPA and did not appear to be migrating as no contamination was observed downslope from contaminated areas. Results of Phase II sampling were provided to EPA in the document entitled "RFI Report of Findings, Phase II" issued August 1990. Following EPA review, PNM was notified by EPA that no further remedial action was necessary. However, PNM was required to: 1) file a survey plat with the local deed authority specifying the location and contents of the Natural Pit area; and 2) post warning signs around the Natural Pit area.

In 1991 PNM management decided that Person Generating Station would not be restarted, opportunities for sale or salvage of plant equipment would be investigated, and environmental issues associated with the property would be addressed as needed. Because the NPA was an identified SWMU associated with the Person Generating Station Hazardous Waste Disposal Permit, it was recognized by PNM that remediation of the NPA would require prior approval from EPA and NMED. PNM submitted a revised RFI Remediation Work Plan to EPA in July 1991.

Approval to initiate the RFI Remediation Work Plan (PNM, July 1991) was obtained from EPA following completion of a Class III Permit Modification in June 1995. Grid sampling was initiated in October 1995 and expanded in November 1995 to include additional locations along the western edge of the NPA. In December 1995, additional background samples were collected along the Person Station access road in order to reconfirm proposed cleanup levels.

In February 1996, Rinchem Company, Inc. (Rinchem) excavated 2 feet from the NPA surface resulting in the removal and disposal of 247 cubic yards of chromium-contaminated soil at the Waste Management – Rio Rancho Landfill. Soils were resampled in March 1996, with emphasis on hot spots identified by prior sampling. In April 1997, an additional 2 feet of soil was removed from the NPA resulting in another 210 cubic yards of chromium-contaminated soils disposed of at the Waste Management – Rio Rancho Landfill. Vertical profiling was also performed demonstrating that all samples to 10 feet exhibited total chromium concentrations less than 10 ppm (Metric, 1996). In June 1996,

fuel oil areas were excavated resulting in 271 cubic yards of fuel-contaminated soils disposed of at the Cerro Colorado Landfill in Bernalillo County, New Mexico. A final report was issued by Rinchem in November 1996. The decrease in chromium concentrations with progressive excavation is shown on Figure 2.

In December 1997, PNM transmitted supplemental sampling information to NMED concerning the vertical profiling of chromium in soils (PNM, 1997).

In January 1998, NMED requested additional information concerning the presence of hexavalent chromium. PNM performed additional sampling for total and hexavalent chromium in February 1998. No hexavalent chromium was detected; three of five samples were less than the 10.68 ppm cleanup level for soils (PNM, 1998).

In 1997, PNM elected to lease a portion of the Person Generating Station site for location of a steam turbine generator to be used as a peaking plant for the PNM distribution system. PNM has elected to attempt to clean close the NPA in anticipation of leasing a portion of the property. The NPA is proposed to be backfilled to within a few feet of surrounding grade, lined, and used in the future as a water detention pond. This proposed future use of the NPA prompted the clean closure discussed herein.

As of April 1998, the NPA was excavated to a total depth of 4 feet, with 457 cubic yards of soil removed. Estimated mean concentrations for soils in the NPA were 17 ppm in 1997; slightly above the 10.68 ppm total chromium cleanup level. The progressive decrease in total chromium concentration as a result of soil excavation is illustrated on Figure 2. EPA had approved NPA closure, with deed restrictions and signage, on the concentrations remaining after removal of four feet of soil The peak total chromium concentration was 91 ppm; the mean concentration remaining was 17 ppm. Vertical profiling using hollow-stem auger borings and soil sampling revealed that chromium concentrations to depths of 14 feet (below starting grade) are less than 10 ppm (Metric, 1996).

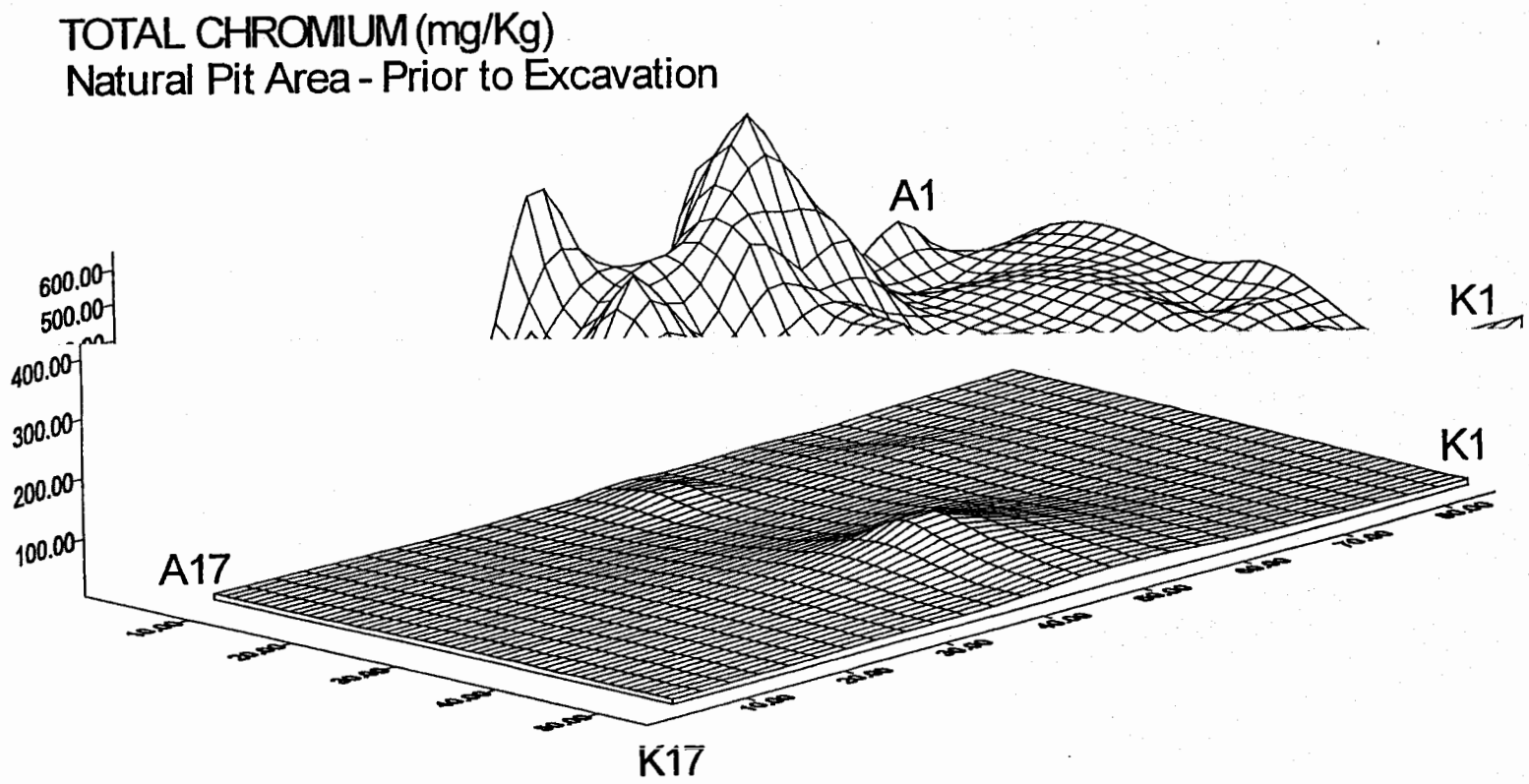
Fuel oil areas exhibited a mean hydrocarbon concentration of 930 ppm in 1997 compared to a proposed cleanup level of 100 ppm. Additional fuel oil excavation and confirmation sampling is proposed to attain clean closure. Closure activities are discussed in the following sections.

2.3 Land Use

2.3.1 Current Land Use

The NPA at the Person Generating Station has not been actively used for disposal since 1988. The NPA is presently a barren surface depression with pre-closure topography ranging form 2 to 4 feet below surrounding grade. The NPA is a topographic low in the northwest portion of the Person Generating Station and as such, the NPA receives minor surface runoff from other site locations. The Person Generating Station presently houses an active power operations and a portion of the facility will be leased for construction of a peaking plant using a gas turbine. Surrounding land use is primarily heavy manufacturing, with residences located over 1/3 mile southwest and upgradient of the site.

Figure 2. NPA: Decline in Total Cr with Depth of Excavation



2.3.2 Future/Proposed Land Use

PNM operations at Person Generating Station are anticipated to continue into the foreseeable future with the proposed lease of properties for the construction of new peaking plant. Future land use for the NPA is proposed as a stormwater retention pond. PNM is proposing to add several feet of fill to the present (post-closure remediation) configuration of the NPA and create a stormwater detention pond.

2.4 Investigatory Activities

2.4.1 Summary

Closure requirements for the NPA set forth in the work plans, published in EPA's remedy selection, approved by public notice, and acceptable to NMED, are as follows:

Chromium (total)	closure plan standard	10.68 ppm
	NMED-proposed risk-based standard & EPA Region 9 Preliminary Remediation Goals for Residential Soil	210.00 ppm
Fuel Hydrocarbons	closure plan standard	100.00 ppm
	NMED USTB cleanup level	1,000.00 ppm

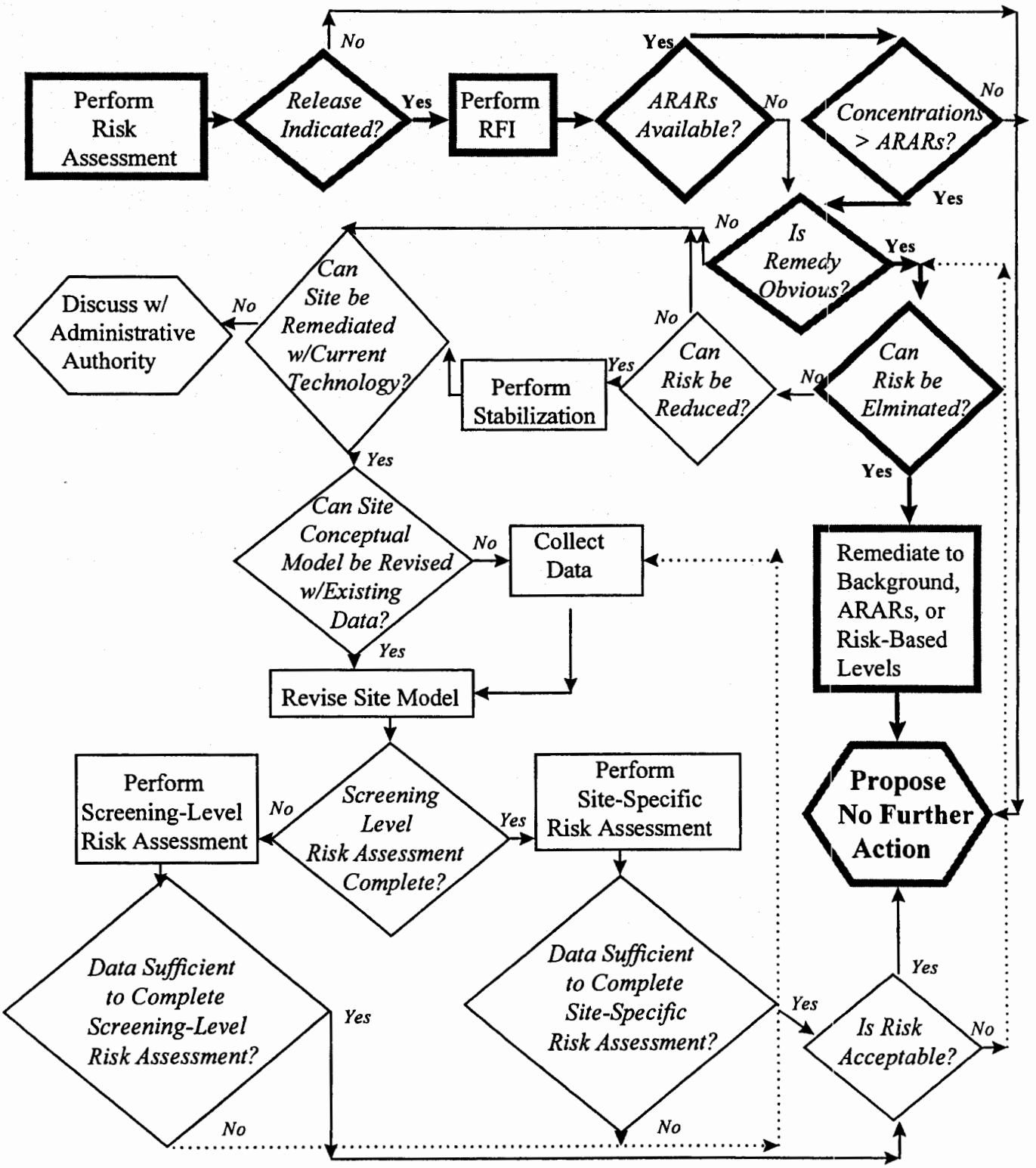
The closure levels indicated above were based on either site background concentrations, NMED-proposed risk-based standards for total chromium, and NMED action levels for fuel hydrocarbons in soils.

Representatives of PNM contacted Mr. Carl Will of the NMED in April and May 1998 to discuss the clean closure requirements, associated fees for closure and/or permit review, NMED sampling oversight, and other procedural and administrative requirements. On August 19, 1998, following review of NPA grid sampling data provided by PNM, Mr. Carl Will of NMED indicated that the NMED would be willing to accept a risk-based soil cleanup level of 210 ppm total chromium as protective of both human health and the environment. PNM elected to clean close by further soil excavation and disposal to achieve this risk-based standard as the route to a No Further Action determination. The route to No Further Action taken by NMED is shown in bold on Figure 3 (NMED, 1998). PNM is petitioning to close under No Further Action Criterion 5; wherein, the NPA has been characterized and remediated in accordance with current applicable state and Federal regulations and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use.

PNM is petitioning NMED for a determination of No Further Action following successful clean closure of the NPA. It is presently estimated by NMED that $20,000 will be the fee for the No Further Action petition review and an additional $6,000 for NMED report review (PNM, 1998).

PNM is submitting this report to document clean closure and, following NMED review and concurrence, is petitioning NMED for a No Further Action (NFA) determination based on NFA Criterion 5 in order to remove the SWMU from Person Generating Station Hazardous Waste Permit NMT360010342.

Figure 3. NMED Risk-Based Decision Process



2.4.2 Results of Previous Investigations

2.4.2.1 Sampling Data Collection

Approval to initiate the RFI Remediation Work Plan (PNM, July 1991) was obtained from EPA following completion of a Class III Permit Modification in June 1995. Grid sampling was initiated in October 1995 and expanded in November 1995 to include additional locations along the western edge of the NPA. In December 1995, additional background samples were collected along the Person Station access road in order to reconfirm proposed cleanup levels.

In February 1996, Rinchem Company, Inc. (Rinchem) excavated 2 feet from the NPA surface resulting in the removal and disposal of 247 cubic yards of chromium-contaminated soil at the Waste Management – Rio Rancho Landfill. Soils were resampled in March 1996, with emphasis on hot spots identified by prior sampling. In April 1997, an additional 2 feet of soil was removed from the NPA resulting in another 210 cubic yards of chromium-contaminated soils disposed of at the Waste Management – Rio Rancho Landfill. Vertical profiling was also performed demonstrating that all samples to 10 feet exhibited total chromium concentrations less than 10 ppm (Metric, 1996). In June 1996, fuel oil areas were excavated resulting in 271 cubic yards of fuel-contaminated soils disposed of at the Cerro Colorado Landfill in Bernalillo County, New Mexico. A final report was issued by Rinchem in November 1996. The decrease in chromium concentrations with progressive excavation is shown on Figure 2.

2.4.2.2 Data Gaps

In December 1997, PNM transmitted supplemental sampling information to NMED concerning the vertical profiling of chromium in soils (PNM, 1997). In January 1998, NMED requested additional information concerning the presence of hexavalent chromium. PNM performed additional sampling for total and hexavalent chromium in February 1998. No hexavalent chromium was detected; three of five samples were less than the 10.68 ppm cleanup level for soils (PNM, 1998).

2.4.2.3 Results and Conclusions

As of April 1998, the NPA was excavated to a total depth of 4 feet, with 457 cubic yards of soil removed. Estimated mean concentrations for soils in the NPA were 17 ppm in 1997; slightly above the 10.68 ppm total chromium cleanup level. The progressive decrease in total chromium concentration as a result of soil excavation is illustrated on Figure 2. EPA had approved NPA closure, with deed restrictions and signage, on the concentrations remaining after removal of four feet of soil The peak total chromium concentration was 91 ppm; the mean concentration remaining was 17 ppm. Vertical profiling using hollow-stem auger borings and soil sampling revealed that chromium concentrations to depths of 14 feet (below starting grade) are less than 10 ppm (Metric, 1996).

Fuel oil areas exhibited a mean hydrocarbon concentration of 930 ppm in 1997 compared to a proposed cleanup level of 100 ppm. Additional fuel oil excavation and confirmation sampling is proposed to attain clean closure.

2.4.3 1998 Investigation and Clean Closure Activities

2.4.3.1 Non-Sampling Data Collection

No additional non-sampling data collection was performed prior to the start of clean closure activities at the NPA.

2.4.3.2 Sampling Data Collection

The scope of work for NPA clean closure activities was divided into tasks as follows.

Task 1. Excavation and disposal – upper 2 feet of soil
Task 2. Confirmation grid sampling
Task 3. Hot spot excavation and disposal
Task 4. Closure confirmation sampling

Site sampling activities followed procedures outlined in the July 1991 RFI Remediation Work Plan approved by EPA and NMED with the following variances.

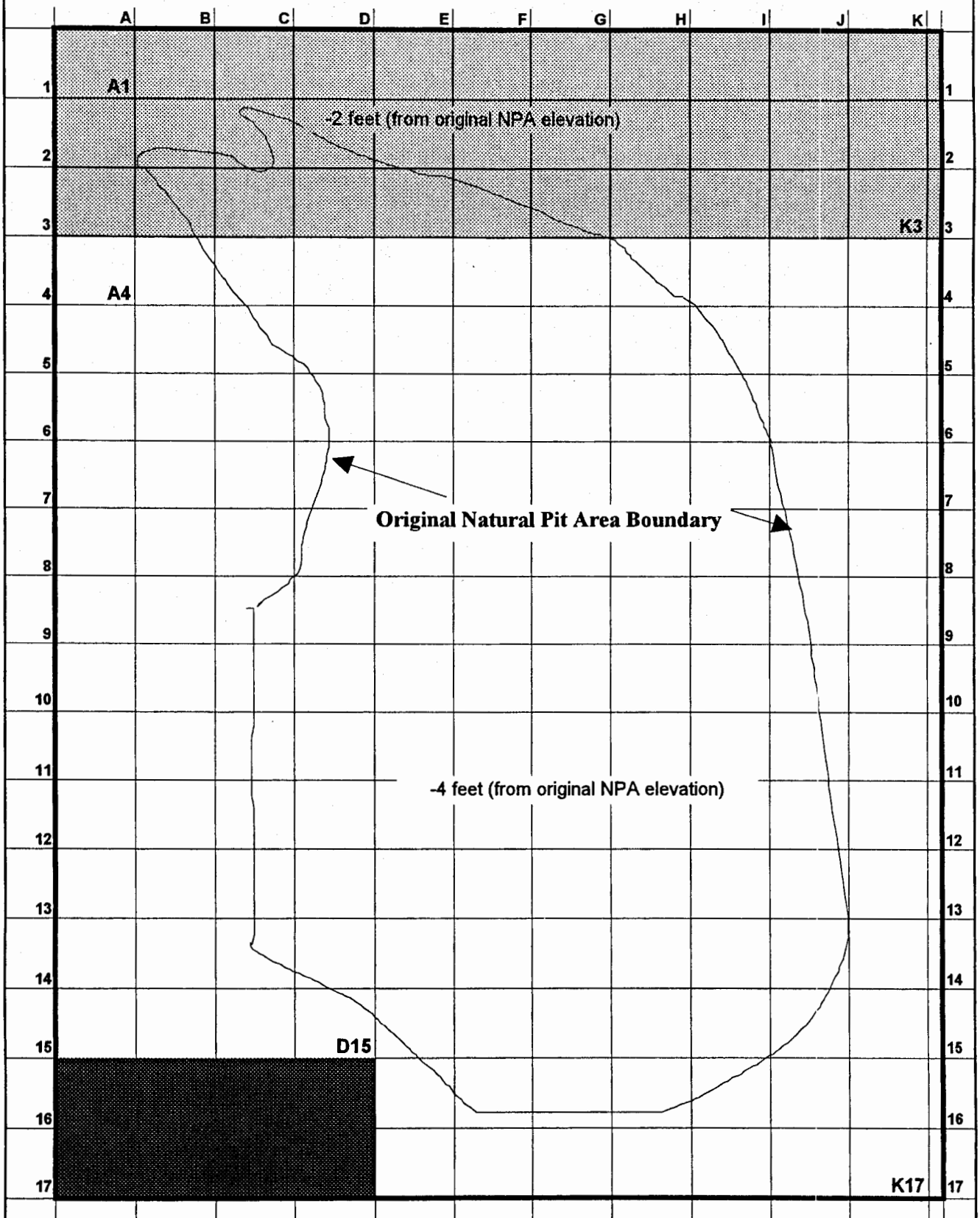
- Due to recent excavation following Task 1, surficial soil samples were collected using stainless steel spoons and trowels instead of a three-inch diameter hand auger.
- Confirmation samples for TPH were not explicitly called for in the work plan, as excavation was guided by visual indications of hydrocarbon-contaminated soils; there were no indications of visible hydrocarbon contamination in the area of the release in May 1998. However, PNM collected six soil samples for analysis of TPH in the area of fuel hydrocarbon soil excavation.
- The highest ten percent of total chromium samples from the NPA grid sampling (Task 2) were also analyzed for the presence of hexavalent chromium.
- Confirmation grid sampling (Task 2) duplicates were collected at a frequency of 1 in 20 samples.

2.4.3.2.1 Task 1. Excavation and Disposal - Upper 2 Feet of Soil

During the period of May 18 through June 5, 1998, PNM monitored the excavation of the upper two feet of soil (1998 ground surface reference) within the 50 by 85 foot grid area encompassing the NPA. The upper two feet of soil were removed from grid locations A1 through K3, leaving a final grade four feet lower than the initial ground surface of the NPA - this area is shown on Figure 4 and referred to hereafter as the bench. Grid locations A4 through K 15 were excavated to an elevation six feet lower than the initial ground surface of the NPA. Grid locations E16 though K17 were also excavated to 6 feet below initial ground surface elevation. Grid locations A16 through D17 were outside of the NPA boundary and were not excavated or sampled, except as needed to remove visible fuel hydrocarbon contamination as discussed in the following paragraph.

Soils with visible fuel oil contamination in the black shaded area on the southwest corner of the NPA were also excavated until no noticeable fuel oil contamination was evident.

Figure 4. PERSON NPA Pre-Excavation Surface & Grid Detail



NOTES: Black shading indicates petroleum hydrocarbon area outside sampling grid for NPA
Gray shading indicates area 2 feet higher than base excavation elevation for NPA

Excavation was performed by Rinchem. Soils were loaded into roll-off containers and the roll-off containers were stored onsite pending transportation to the disposal facility. Approximately 460 cubic yards of soils were disposed of at the Waste Management Landfill in Rio Rancho, New Mexico. Soil disposal manifests are included as Appendix A.

2.4.3.2.2 Task 2a. Natural Pit Area Grid Sampling

Grid sampling was performed by PNM on June 8 and 9, 1998. Mr. Carl Will of NMED observed NPA sample grid preparation and soil sampling activities on June 8, 1998. A 5-foot interval sampling grid of 50 by 85 feet was prepared across the Natural Pit area (approximately 4250 square feet) coinciding with stakes used and left in place from prior grid sampling activities. The grid overlay across the NPA boundaries is shown on Figure 4. Grid intersections were identified using an alphanumeric numbering scheme. North-south grid lines were alphabetic; east-west grid lines were numeric. Grid intersections were identified by their intersection grid lines (e.g. "E-5"). Soil samples were collected at grid intersections.

Approximately 185 samples (including QA/QC samples) were collected during grid sampling on June 8 and June 9, 1998. A three-person sampling team was used to speed grid layout and soil sample collection, with a fourth person providing assistance with sample labeling and chain-of-custody documentation. Soil samples were collected at grid intersections using stainless steel hand trowel or spoon. The soil was transferred to a glass sampling jar provided by the laboratory. Each jar was labeled with the grid identifier denoting the location and time of sample collection. To prevent cross-contamination between samples, the stainless steel trowel and spoon were cleaned between sampling locations using deionized water and dried with paper towels.

Samples were delivered under chain-of-custody procedures on the same day as collected to the American Environmental Network (AEN) laboratory in Albuquerque, New Mexico. All 185 grid soil samples were analyzed for total chromium by EPA Method 6010. Prior sampling had indicated that concentrations of arsenic and lead exceeded background levels only in the upper few feet of the NPA. The upper ten percent of samples with highest total chromium (20 samples) were also analyzed for hexavalent chromium within holding times established in EPA guidelines (SW-846).

The presence of total chromium above 210 parts per million was used to establish the need for additional hot spot excavation and closure confirmation sampling (Tasks 3 and 4) in two areas located on the bench area shown in gray on Figure 4.

For approximately every 20 samples collected during confirmation sampling, one duplicate was collected for assessment of laboratory precision. A second sample was collected at the locations identified for duplicate sampling. A suffix "D" was added to the duplicate sample for purposes of later identification. A total of six duplicates were collected for analysis during NPA grid sampling.

2.4.3.2.3 Task 2b. Fuel Hydrocarbon Sampling

Six soil samples were collected from the fuel hydrocarbon excavation area located southwest of the NPA. A grid sampling scheme was not used, instead random sampling was performed within the area of fuel hydrocarbon excavation. There was no visible evidence of hydrocarbon-contaminated soils remaining in the area of the fuel hydrocarbon excavation. Soil samples were collected using a stainless steel spoon and transferred to sample containers provided by the laboratory. Samples were labeled and placed on ice

for storage prior to delivery to the analytical laboratory. Soil samples were submitted to AEN for analysis of total petroleum hydrocarbons by EPA Method 418.1. No duplicates were collected for total petroleum hydrocarbon analysis.

2.4.3.3 Data Gaps - Tasks 3 & 4 Hot Spot Excavation and Closure Confirmation Sampling

2.4.3.3.1 Task 3. Hot Spot Excavation and Soil Disposal

Hot spots for total chromium were identified on the basis of total chromium concentrations exceeding 210 ppm and hydrocarbon concentrations exceeding 100 ppm. Two hot spot areas were targeted for further excavation and soil disposal. The chromium hot spots were identified in grid blocks E2 and J2. Grid blocks D1 through E2 and I1 through J2 were excavated to remove an additional two feet of soil in order to bring the final elevation to the base level of the former natural pit area. An additional one foot of soil was removed in the area of the hydrocarbon release. Approximately 30 cubic yards of soil were removed during hot spot excavation performed on September 3, 1998. Soils were manifested for disposal at the Waste Management Landfill in Rio Rancho, New Mexico; manifests are included in Appendix A.

2.4.3.3.2 Task 4. Closure Confirmation Sampling

Closure confirmation sampling was performed at the conclusion of hot spot excavation activities on September 3, 1998. Ten confirmation soil samples were collected following excavation in order to verify that remaining total chromium concentrations were less than 210 ppm. Five additional confirmation soil samples were collected for total petroleum hydrocarbon analysis.

2.4.3.4 Results and Conclusions

Results of Task 2. - Confirmation Grid Sampling and Task 4 - Confirmation Closure Sampling are discussed below. The pre-sampling NPA elevations and grid layout were shown on Figure 4.

2.4.3.4.1 Confirmation Grid Sampling

NPA Grid Sampling

Results of the confirmation grid sampling for total chromium performed on June 8 and 9, 1998 are presented on Figure 5. Hexavalent chromium distribution is shown on Figure 6. The grid interval represented by the data is in the lower right hand corner of the cell. As indicated on Figure 5, only two hot spots were identified at concentrations above the risk-based total chromium cleanup level of 210 ppm. These hot spots occur in grid blocks E2 and J2. Laboratory analytical results are provided in Appendix B.

Fuel Hydrocarbon Sampling

Fuel hydrocarbon sampling was performed by grab sampling at six random locations within the area of the fuel hydrocarbon excavation located southwest of the NPA. Six fuel hydrocarbon samples were collected for analysis for total petroleum hydrocarbons by EPA Method 418.1; results are presented in Table 1. Laboratory analytical results are provided

Figure 5. PERSON NPA Grid Sampling: TOTAL CHROMIUM (mg/Kg)

	A	B	C	D	E	F	G	H	I	J	K
1	18	8.5	3.5	18	37	160	37	78	25	16	28
2	41	28	55	55	220	150	78	160	120	280	4.6
3	29	6.9	18	15	21	39	26	19	16	23	4.2
4	4.7	7.3	13	15	11	20	22	45	10	23	47
5	4.2	5.9	5.4	6.2	11	34	12	8.6	10	28	4
6	25	4.8	7.4	22	14	15	18	30	28	41	29
7	23	6.5	9	6.7	7.7	9.7	19	15	8.3	16	4
8	15	12	8.8	9.3	7.9	8.2	11	8.2	12	33	3.9
9	12	16	14	7.4	12	8.4	15	9.4	4.2	12	3.7
10	44	13	5.5	6.7	5.7	8.1	6.8	9.1	4.7	5	5.6
11	14	3.7	8.4	8.4	7.2	7.2	6.5	7.4	6.8	9.1	4.2
12	10	7.5	11 / 9.5	5.9	6.6	7.4	7.3	7.8	18	10	7
13	5.5	12	14	9.7	13	8.7	8.7 / 5.5	7.3	10	16	3
14	3.2	11	6.7	16 / 13	11	13	4.4	9.2	8.1	16	3.5
15	3.9	5.2	4.6	4.7	8	5.8	4.9	9.1	7.8	19 / 16	8.4
16					6.5 / 4.3	4.9	5.2	8.4	13	5.8	11
17					3.8	5.0 / 5.4	8.6	12	8.5	56	11

Inset A

Inset B

-4 feet (from original NPA elevation)

Original Natural Pit Area Boundary

-6 feet (from original NPA elevation)

NOTES: Black shading indicates area outside sampling grid for NPA
Gray shading indicates area 2 feet higher than base excavation elevation for NPA

Inset A

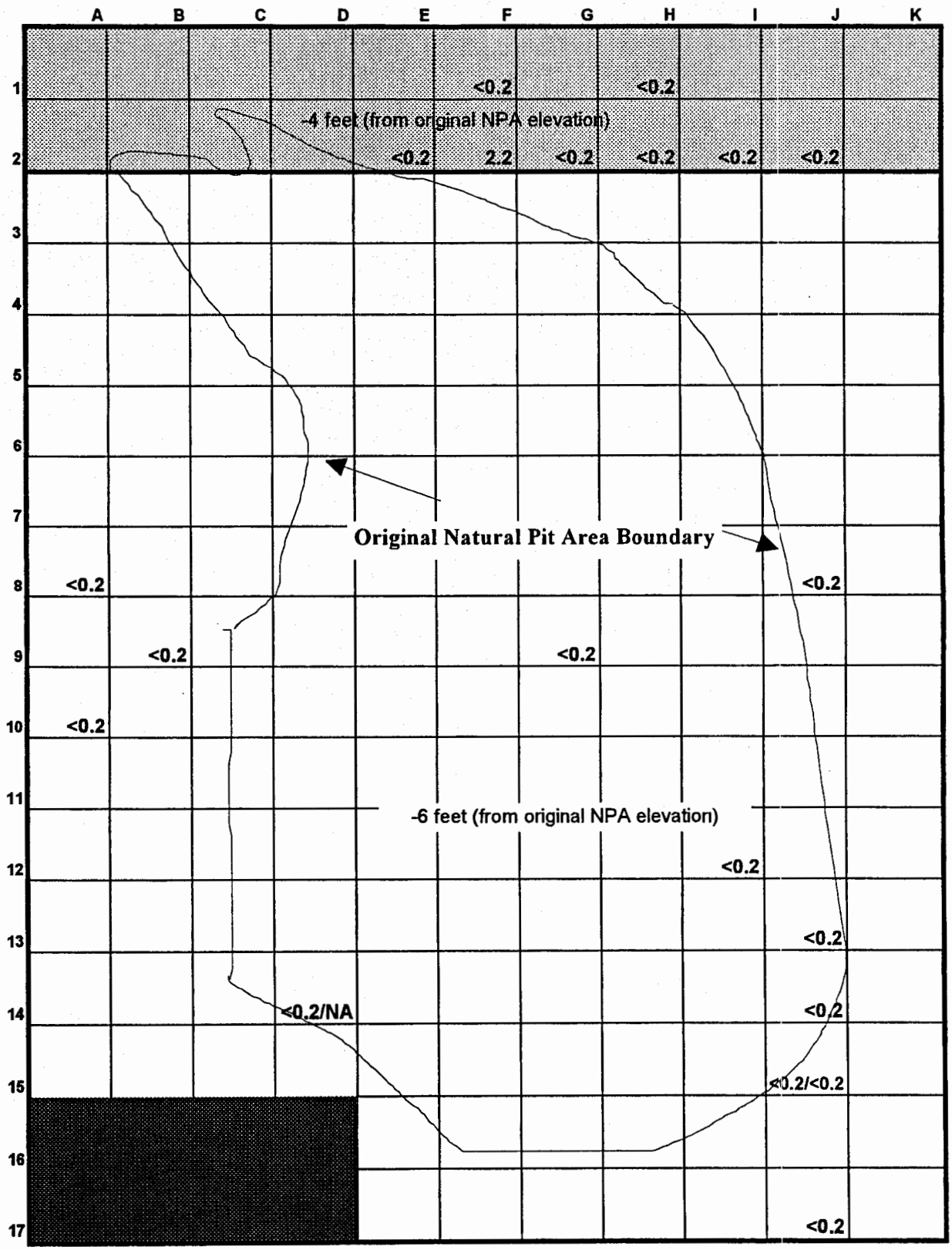
	D	E
1	2	5
	7	
2	41	17

Inset B

	I	J
1	3.48	4
	12	
2	76	65

Inset Areas were excavated an additional 2 feet (-6 feet from original NPA) to remove identified hot spots.

Figure 6. PERSON NPA Grid Sampling: HEXAVALENT CHROMIUM (mg/Kg)



NOTES: Black shading indicates petroleum hydrocarbon C27area outside sampling grid for NPA
Gray shading indicates area 2 feet higher than base excavation elevation for NPA

in Appendix B.

Table 1. Fuel Hydrocarbon Grab Sampling: June 9, 1998

	TP-1	TP-2	TP-3	TP-4	TP-5	TP-6
Petroleum Hydrocarbons (mg/Kg)	87	39	<20	**120**	**240**	**390**

(Note: Samples exceeding the PNM-proposed 100 mg/Kg action level are indicated in **bold**)

Average total petroleum hydrocarbon concentrations remaining as defined by June 9, 1998 grab sampling are 149 mg/Kg. As three of six samples collected exceed the proposed total petroleum hydrocarbon cleanup level of 100 mg/Kg, additional soil excavation was performed in the fuel hydrocarbon release area in order to attain the cleanup standard of 100 mg/Kg.

2.4.3.4.2 Closure Confirmation Sampling

Closure confirmation sampling was performed following hot spot excavation. Ten samples were collected from the areas near E2 and J2 excavations. The sample data following hot spot excavation are shown in insets A and B on Figure 5. The confirmation sampling results following hot spot excavation are as follows:

Table 2. Chromium Confirmation Sampling: September 3, 1998

Grid Sample Location	Total Chromium (ppm)
D-1	2
E-1	5
D-2	41
E-2	17
DE-1-2	7
I-1	3.48
J-1	4
I-2	76
J-2	65
IJ-1-2	12

All grid locations within the former NPA excavated area are now below the 210 ppm risk-based concentrations acceptable to NMED. A comparison of total chromium concentrations in the NPA prior to any excavation and soil disposal and following 1998 closure activities is shown on Figure 7.

Five additional fuel hydrocarbon samples were obtained on September 3, 1998 following the removal of an additional one foot of soil in the area southwest of the NPA. Confirmation sampling results are as follows.

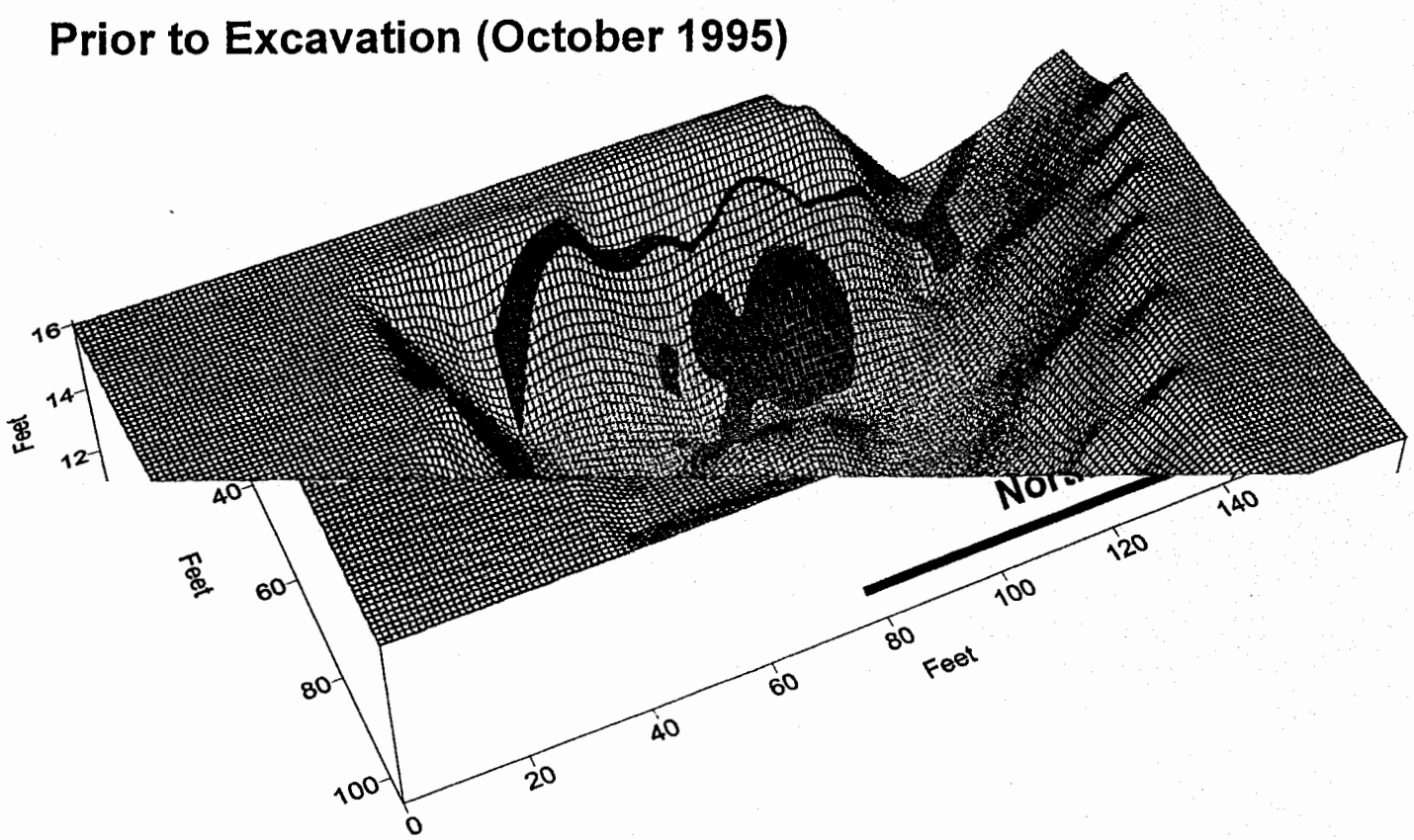


Figure 7. Person NPA: Surface Contours and Total Chromium Concentration

Table 3. Fuel Hydrocarbon Confirmation Sampling: September 3, 1998

	TP-1	TP-2	TP-3	TP-4	TP-5
Petroleum Hydrocarbons (mg/Kg)	130	<20	74	<20	<20

Only one sample exceeded the PNM-proposed cleanup level of 100 ppm; the average concentration remaining is 53 ppm. Additional soil removal has decreased the average remaining hydrocarbon concentration by a factor of three. Remaining hydrocarbon concentrations are less than the 1,000 ppm cleanup level that would be acceptable to the NMED Underground Storage Tank Bureau for a site with similar release and hydrogeologic characteristics.

2.4.3.4.3 Conclusions

Based upon the sources of information and data provided herein, we offer the following conclusions regarding clean closure of the NPA at the Person Generating Station site.

- Closure actions at the NPA have resulted in the removal of chromium to NMED-identified risk-based levels (<210 ppm). Average chromium concentrations remaining within the entire grid area including the former NPA are 15.3 ppm.
- Only one of twenty-one samples for hexavalent chromium showed detectable hexavalent chromium. The maximum hexavalent chromium concentration was 2.2 ppm - well below the NMED-proposed risk-based cleanup level of 210 ppm for total chromium.
- Closure actions at the fuel hydrocarbon release site have resulted in the removal of fuel hydrocarbons to average total petroleum hydrocarbon concentrations less than 100 ppm. Only one confirmation sample exceeded the 100 ppm level at 130 ppm; average remaining hydrocarbon concentrations are 53 ppm. Remaining hydrocarbon concentrations are well below the 1,000 ppm cleanup level acceptable to the NMED Underground Storage Tank Bureau for similar contaminants in similar hydrogeologic settings.
- A total of 490 cubic yards of soil were excavated, manifested, and disposed of at the Waste Management Landfill in Rio Rancho, New Mexico during 1998 excavation activities. A total of 947 cubic yards of soil have been removed in the course of closure activities performed at the NPA.

2.5 Site Conceptual Model

2.5.1 Nature and Extent of Contamination

The nature and extent of contamination within the NPA was defined by grid sampling and confirmation closure sampling. Total chromium concentrations remaining in the NPA are less than the NMED-approved risk-based level of 210 mg/Kg. Remaining total chromium

concentrations ranged from 3 to 160 mg/Kg, with an average concentration of 15 mg/Kg. Hexavalent chromium concentrations ranged from <0.2 to 2.2 mg/Kg, and were primarily below analytical detection limits. The sample with 2.2 mg/Kg hexavalent chromium corresponded to a sample with 150 mg/Kg total chromium. Vertical profiling activities completed by Metric Corporation in 1996 (Metric, 1996) demonstrated that chromium concentrations to depths of 10 feet were less than 10 mg/Kg, well below the 210 mg/Kg risk-based standard recommended by NMED.

Fuel hydrocarbon concentrations in the south area of the former NPA ranged from <20 to 130 mg/Kg following completion of closure activities. The clean closure criterion of 100 mg/Kg was met with average fuel hydrocarbon concentrations at 53 mg/Kg, and only a single confirmation sample exceeding this criterion at a concentration of 130 mg/Kg. Visible fuel hydrocarbon contamination was removed by excavation. NMED Underground Storage Tank Bureau clean closure criteria for similar sites are total fuel hydrocarbon concentrations less than 1,000 mg/Kg.

2.5.2 Environmental Fate

2.5.2.1 Chromium

Chromium is a naturally occurring metal that exists in zerovalent (Cr), trivalent (Cr^{III}) and hexavalent (Cr^{VI}) states. Zerovalent chromium does not occur naturally; hexavalent chromium is rare. Trivalent chromium is stable and is the primary form of chromium occurring naturally within the environment. Trivalent chromium is also an essential nutrient in human diets. Chromium is found primarily in soils and only small amounts of chromium are available for dissolution and leaching to groundwater. Where such leaching occurs, hexavalent chromium is typically found in groundwater (ATSDR, 1998). Trivalent chromium is the primary form of chromium detected at the former NPA at Person Generating Station.

Hexavalent chromium is a known human carcinogen and therefore poses the greater health risk. Hexavalent chromium was not detected in NPA soils above levels of 2.2 mg/Kg, or approximately 100 times less than the 210 mg/Kg total chromium cleanup level recommended by NMED as protective of residential human health and the environment.

2.5.2.2 Fuel Hydrocarbons

Fuel hydrocarbons are a mixture of volatile and non-volatile organic constituents. Fuel hydrocarbon constituents of concern at this site were identified specifically by EPA as toluene and naphthalene. Constituent-specific sampling indicated that neither toluene nor naphthalene were of significant concern at the NPA. However, fate and transport profiles for these constituents are provided as indicators for the BTEX compounds and polynuclear aromatic hydrocarbons.

Toluene is a volatile organic constituent that is one component of fuel oils. It is a soluble, volatile compound that evaporates readily and is also easily degraded by microorganisms under aerobic and anaerobic conditions (ATSDR, 1998).

Naphthalene is a polynuclear aromatic hydrocarbon also found in many fuel hydrocarbons. It is less volatile, relatively soluble, but more strongly sorbed to soils than toluene, and is also readily degraded by microorganisms under aerobic conditions (ATSDR, 1998).

Neither toluene nor naphthalene were detected at concentrations of concern during initial site investigations and thus, total fuel hydrocarbons and the removal of visible hydrocarbon contaminated soil were selected as performance criteria for clean closure of the NPA.

2.6 Site Assessments

2.6.1 Summary

Site-specific screening and risk assessments were not performed by PNM, as this site was being closed under existing closure work plans on file with NMED and EPA Region VI. These work plans identified specific closure criteria that were later modified to account for risk-based criterion by NMED. These closure criteria are restated as follows:

Closure requirements for the NPA set forth in the work plans, published in EPA's remedy selection, approved by public notice, and acceptable to NMED, are as follows:

Chromium (total)	closure plan standard	10.68 ppm
	NMED-proposed risk-based standard & EPA Region 9 Preliminary Remediation Goal for Residential Soils	210.00 ppm
Fuel Hydrocarbons	closure plan standard	100.00 ppm
	NMED USTB cleanup level	1,000.00 ppm

The closure levels indicated above were based on either site background concentrations, NMED-proposed risk-based standards for total chromium, and NMED action levels for fuel hydrocarbons in soils.

Representatives of PNM contacted Mr. Carl Will of the NMED in April and May 1998 to discuss the clean closure requirements, associated fees for closure and/or permit review, NMED sampling oversight, and other procedural and administrative requirements. On August 19, 1998, following review of NPA grid sampling data provided by PNM, Mr. Carl Will of NMED indicated that the NMED would be willing to accept a risk-based soil cleanup level of 210 ppm total chromium as protective of both human health and the environment. This cleanup level is consistent with EPA Region 9 preliminary remediation goals for residential soils (EPA, 1996). PNM elected to clean close by further soil excavation and disposal to achieve this risk-based standard as the route to a No Further Action determination.

2.6.2 Screening Assessments: Human Health & Ecological

As stated above, a human health and ecological risk-based cleanup level of 210 mg/Kg was proposed by NMED and accepted by PNM as the clean closure criterion for the NPA. PNM did not perform a separate screening assessment for human health and ecological risk at this site.

2.6.3 Risk Assessments: Human Health & Ecological

A formal risk assessment was not performed for the NPA, as clean closure activities were performed under work plans already agreed to by NMED and EPA Region VI.

2.6.4 Other Applicable Assessments

2.6.4.1 Surface Water

Surface water is not at risk based on the limited drainage from the surface depression that represents the NPA. Additionally, remaining total chromium and fuel hydrocarbon concentrations meet agreed-upon closure criteria. The area of the former NPA will be backfilled to raise the base grade by several feet and will be used by PNM as the site of a future stormwater detention pond.

2.6.4.2 Ground Water

Groundwater is not at risk based on the concentrations remaining for total chromium and fuel hydrocarbons. Depth to groundwater is approximately 100 feet and the hydraulic gradient is towards the east to southeast. Groundwater monitoring at the Person Generating Station site is being conducted under separate RCRA Corrective Actions underway for shallow and deep groundwater beneath the facility. Monitoring wells downgradient of the NPA have not shown detectable concentrations of either chromium or volatile organics. As remaining total chromium and fuel hydrocarbon concentrations meet agreed-upon closure criteria, PNM does not anticipate any current or future risk to groundwater associated with constituents remaining in the NPA.

2.7 No Further Action Proposal

2.7.1 Rationale

PNM has completed clean closure activities at the NPA. The contaminant concentrations achieved meet the NMED-proposed risk-based standard of 210 mg/Kg total chromium in soil. Total fuel hydrocarbon concentrations are, on average, less than 100 mg/Kg, with only one sample exceeding the 100 mg/Kg level at 130 mg/Kg. The fuel hydrocarbon concentrations remaining are less than the 1,000 mg/Kg allowed for underground storage tank sites at similar hydrogeologic settings.

The future land use at the NPA is anticipated to remain industrial for the foreseeable future, as PNM has plans to construct a stormwater detention pond in the area of the former NPA.

2.7.2 Criterion

Through the successful completion of NFA clean closure activities, as demonstrated by closure confirmation sampling, PNM has met the conditions of NFA Criterion 5 for the NPA at Person Generating Station (#NMT360010342).

"The Natural Pit Area has been characterized and remediated in accordance with applicable state and Federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use."

Based on the foregoing, PNM petitions NMED to provide a No Further Action determination and to formally remove the Person Station Natural Pit Area as a SWMU under Permit #NMT360010342.

3. References

Agency for Toxic Substances and Disease Registry, 1993, Chromium Toxicity Fact Sheet, CAS# 7440-47-3, April 1993.

Agency for Toxic Substances and Disease Registry, 1995, Toluene Toxicity Fact Sheet, CAS# 108-88-3, September 1995.

Agency for Toxic Substances and Disease Registry, 1996, Naphthalene Toxicity Fact Sheet, CAS# 91-20-3, September 1996.

Engineering-Science, 1994, Focused Risk Assessment for the Person Generating Station, Public Service Company of New Mexico, March 1994.

Metric Corporation, 1996, Borehole Sampling at the Person Station Natural Pit Area, Letter Report dated April 29, 1996.

New Mexico Environment Department, 1998, Risk-Based Decision Process - Draft Revision 1.0, October 9, 1998.

Public Service Company of New Mexico, 1989, RCRA Facility Investigation (RFI) Work Plan for Person Generating Station Hazardous Waste Storage Facility - Natural Pit Area (NMT360010342), March 1989.

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Public Service Company of New Mexico, 1990, RCRA Facility Investigation (RFI) Report of Findings, Phase II, for Person Generating Station Hazardous Waste Storage Facility - Natural Pit Area (NMT360010342), August 28, 1990.

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Public Service Company of New Mexico, 1997, Letter - Ron Johnson to Carl Will (NMED), Supplemental Information, Person Station Natural Pit Area, NMT360010342, December 29, 1997.

Public Service Company of New Mexico, 1998, Letter - Ron Johnson to Carl Will (NMED), Chromium VI Sampling at Person Station Natural Pit Area, NMT360010342, February 16, 1998.

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U.S. Environmental Protection Agency (U.S. EPA), 1996, Soil Screening Guidance: User's Guide and Technical Background Document. Office of Solid Waste and Emergency Response. EPA/540/R-95/128. Publication 9355.4-17A.; as updated by Preliminary Remediation Goal tables in Internet listings, November 23, 1998.

APPENDIX A

Soil Disposal Manifests

COB C1

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5711

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address PNM
ATTN: JOHN HALE
PNM
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST : Field Services		05 / 27 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Ron Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05 / 27 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
[illegible] Blvd. [illegible] 505-892-2055 Fac. # SWM - 231402	U155 7280 E 376 000 El 5601	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Maraver		5 / 27 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

ZONAO

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5712

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICES		05 27 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Ron Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05 27 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
[illegible] Sanitary Landfill [illegible] NM 333 [illegible] Blvd. [illegible] 505-892-2055 [illegible] NMD-231402	N155-7250 E 376-000 Gal 5601	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		5 27 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

70B 004

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5713

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURT / FIELD SERVICES		05 / 27 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Lou Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05 / 27 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
[illegible] Landfill [illegible] Blvd. [illegible] 505-892-9055 Fac. # SWM-231402		/ /

11. Discrepancy indication space
155/250N 376 200 E Sec 1 Elev

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		5 / 27 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

43 B 18

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5714

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICE		05 / 27 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Carl Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05-27-98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557250 376008 S10D1		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee Chavez	5 28 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20 of 25

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5715

Profile # CI 0672

1. Work site name and address PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105		
2. Operator's name and address PNM PERSON GENERATING STATION BROADWAY SE & RIO BRAVO ROAD ALBUQUERQUE, NM 87105		Operator's Telephone no. 505-241-2014
3. Owner's Name and mailing address PNM ATTN: JOHN HALE ONE ALVARADO SQUARE ALBUQUERQUE, NM 87158		Owner's Telephone no. 505-241-2014
4. Description materials SOIL CONTAMINATED WITH CHROMIUM	5. Containers No. 001 Type CM	6. Total quantity m3 (yd3) 15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 30 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Ron Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		5 30 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155 7LSD 376-008 5601	Rinchem Company, Inc. 6133 Edith Blvd. NE Albuquerque, NM 87107 Phone: 505-892-2065 Fax: 505-892-2102	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez	Brenda Marquez	6 1 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

20 B 008

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5716

Profile # CI 0672

1. Work site name and address PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105		
2. Operator's name and address PNM PERSON GENERATING STATION BROADWAY SE & RIO BRAVO ROAD ALBUQUERQUE, NM 87105		Operator's Telephone no. 505-241-2014
3. Owner's Name and mailing address PNM ATTN: JOHN HALE ONE ALVARADO SQUARE ALBUQUERQUE, NM 87158		Owner's Telephone no. 505-241-2014
4. Description materials SOIL CONTAMINATED WITH CHROMIUM	5. Containers No. Type 001 CM	6. Total quantity m3 (yd3) 15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 30 198

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Ron Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05 30 198

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155725D 3716-008 SC01		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee Chavez	9 30 198

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20827

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5720

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6/1/98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Earl Sparks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06/01/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155-6600 375-806 5560	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6/1/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

20NAD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5721

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity rn3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6 / 1 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Rod Stark 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 / 01 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556600 375100 5560	Rio Rancho 2.5 Miles Service on Northern B.L. Phone: 505-892-2055 Fax # SWM - 23142	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez	Brenda Marquez	6 / 2 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

20NA18

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5722

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6 / 1 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Ron Stanks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 / 01 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556600 375100 5560	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez	Brenda Marquez	6 / 1 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

30B22

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5723

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS 15 cubic

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICES		6 12 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Rod Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 02 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556 600 D 3757 100 E 5560 CP	Rio Rancho 2.5 Miles West on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez	Brenda Marquez	6 12 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20B004

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5724

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No. / Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001 / CM	~~15 CUBIC YARDS~~ 18 CUBIC

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICES.		6 / 21 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHET COMPANY, INC. ATTN: Ron Stark 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 / 02 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556-600 375-100 5560	Phone: [illegible] 2065 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6 / 2 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20R008

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5725

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURT / Field SERVICES		6 / 2 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Bob Stokes 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06/02/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556600 375100 5560		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marque	Brenda Marque	6 / 2 / 98.

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

20B 26

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5726

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICES		6 / 3 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Joe Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		6 / 3 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
15-56600 375-100 5560	Phone: ~~505-892-2003~~ Fac. # SWM-231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6 13 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20 NAO

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5727

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	~~15~~ 10 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST/FIELD SERVICES		6/3/98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Earl Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		6/3/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557250 376 UD 8 9001	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 506-892-2065 Fac. # SWM - 291402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shaunee Chavez		6/4/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

40B15

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5728

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / FIELD SERVICES	[signature]	6 14 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Sean Moore	6 14 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.		Month / Day / Year
N 1556 600 E 375 100 Elev 5560	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
		6 14 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20B008

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5729

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST/FIELD SERVICES		6/4/98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Sean Moore	6/4/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155725 3216 DOS Suo1	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez		6/4/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

30B 22

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5991

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 29 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Bill Lilleton 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Bill Lilleton	5 / 29 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557 250 3716 608 5601	Cerro Colorado Landfill Exit NM 528 on Northern Blvd. Phone: 505-892-2055 Facility SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee	5 29 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20 NAO

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5997

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS
203004			

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 / 29 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		5 / 29 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
L55725-0 376008 Sheet		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez		5 / 29 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

20B25

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5998

Profile # CI 0672

1. Work site name and address PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105	
2. Operator's name and address PNM PERSON GENERATING STATION BROADWAY SE & RIO BRAVO ROAD ALBUQUERQUE, NM 87105	Operator's Telephone no. 505-241-2014
3. Owner's Name and mailing address PNM ATTN: JOHN HALE ONE ALVARADO SQUARE ALBUQUERQUE, NM 87158	Owner's Telephone no. 505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 28 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
KINCHEM COMPANY, INC. ATTN: Lou Stokes 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Sanitary Landfill NM 328	05 28 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556500 375450 SOLD	1255 SWM-201402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez		5 28 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20B008

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 5999

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	05 28 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: Lou Starks 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		05 28 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
15 Cu Yd 37 Sq Ft Sale	Cerro Colorado Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez		5 29 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

30B23

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6000

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	5 12 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: DAVID E MIRELES 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		5 12 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155725 0 37 Le 028 SLE 01		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shannee Chavez		5 25 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

20B004

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6050

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / Field Services		6 / 4 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Sean Moore	6 / 4 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557250 376008 5601	Rio Rancho 2.5 Miles We[illegible] on Northern [illegible] Phone: 505-[illegible] Fac. # SW[illegible]	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee Chavez	6/5/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

30B22

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6051

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
TONY HURST/FIELD SERVICES ~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~		6 15 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Sean Moore	6 5 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
15 572 50 376 038 5601	Rio Rancho Sanitary Landfill 2 [illegible] Southern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shannee Chavez		6 15 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

40B13

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6053

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6 / 9 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Carl Rol	06/09/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556700 375 100 5555	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 off Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez	Brenda Marquez	6 / 9 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

40B-16

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6054

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6 19 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 09 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
155725 376009 5601	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee Chavez	6/9/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

40B-15

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6055

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	01	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST	John Hale	6 / 9 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Carl Rol	06 / 09 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557250 3716-008 SL001		/ /

Rio Rancho Sanitary Landfill
2.5 Miles West of NM 528
on Northern Blvd.
Phone: 505-892-2055
Fac. # SWM - 231402

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez	Shawnee Chavez	6/9/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

SPECIAL WASTE SHIPMENT RECORD

40B14

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6056

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ TONY HURST / Field Services		6 / 10 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		/ / 06 / 10 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556700 375100 5555	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 506-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6 / 10 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

30B30

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6057

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE~~/~~ENVIRONMENTAL SCIENTIST~~ ask TONY HURST/Field Service		6 / 10 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		6/10/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556 700 375 102 5555	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6 / 10 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

40B-12

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6058

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. **Special handling instructions for asbestos containing material:**
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
TONY HURST / Field Services ~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~		6 / 10 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06 / 10 / 98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556700 375-100 5555	Rio Rancho Sanitary Landfill 2.5 Miles West of NM 528 on Northern Blvd. Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6 / 10 / 98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

30NBO

SPECIAL WASTE SHIPMENT RECORD

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6059

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
~~JOHN HALE/ENVIRONMENTAL SCIENTIST~~ ASM. TONY HURST / Field Services		06 / 10 / 98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. c/o TRIAD TRANSPORT ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107		06/10/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1556700 315 100 5555		/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Brenda Marquez		6/10/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

(1)

SPECIAL WASTE SHIPMENT RECORD BOX 2013-25

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6060

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE RON JOHNSON
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.
I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST RON JOHNSON	Ron Johnson	9/3/98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Jason B. Ouchitto	9/3/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
1557-205 374-200 5555	Rio Rancho Sanitary Landfill 25 Miles West of NM 528 on Northern Phone: 505-892-2055 Fac. # SWM - 231402	/ /

11. Discrepancy indication space

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Cynthia Lopez	Cynthia Lopez	09/03/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

(2)

SPECIAL WASTE SHIPMENT RECORD

BOX 40B-18

Waste Management of New Mexico
P.O. Box 15700
Rio Rancho, New Mexico 87174
505/892-1200
A Waste Management Company

Shipment # № 6061

Profile # CI 0672

1. Work site name and address
PNM PERSON GENERATING STATION, BROADWAY SE & RIO BRAVO ROAD, ALBUQUERQUE, NM 87105

2. Operator's name and address
PNM PERSON GENERATING STATION
BROADWAY SE & RIO BRAVO ROAD
ALBUQUERQUE, NM 87105

Operator's Telephone no.
505-241-2014

3. Owner's Name and mailing address
PNM
ATTN: JOHN HALE / RON JOHNSON
ONE ALVARADO SQUARE
ALBUQUERQUE, NM 87158

Owner's Telephone no.
505-241-2014

4. Description materials	5. Containers No.	Type	6. Total quantity m3 (yd3)
SOIL CONTAMINATED WITH CHROMIUM	001	CM	15 CUBIC YARDS

7. Special handling instructions for asbestos containing material:
Do not break bags or cause dust, avoid breathing dust. Bury separately and cover with backfill.

8. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations.

I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Printed/typed name and title	Signature	Month / Day / Year
JOHN HALE/ENVIRONMENTAL SCIENTIST RON JOHNSON	Ron Johnson	9/3/98

9. Transporter 1 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year
RINCHEM COMPANY, INC. ATTN: 6133 EDITH BLVD NE ALBUQUERQUE, NM 87107	Jason B. Cuchulata	9/3/98

10. Transporter 2 (Acknowlegement of receipt of materials)

Printed/typed name & title, address, telephone no.	Signature	Month / Day / Year

Rio Rancho Sanitary Landfill
2.5 Miles West of NM 528
on Northern Blvd.
Phone: 505-892-2055
Fac. # SWM - 231402

11. Discrepancy indication space
1557-050 N; 374-700 E; 5555 EW

12. Waste disposal site Operator: Certification of receipt of asbestos or other materials covered by this manifest except as noted in item 11.

Printed/typed name and title	Signature	Month / Day / Year
Shawnee Chavez		9/4/98

White/GEN Green/LANDFILL Yellow/NMED Pink/TRANSPORTER Gold/EXTRA

APPENDIX B

Laboratory Analytical Data

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

Pinnacle Lab ID number **809018**
September 18, 1998

PUBLIC SERVICE COMPANY
ALVARADO SQUARE-MS0408
ALBUQUERQUE, NM 87158

Project Name PERSON NPA
Project Number (none)

Attention: VALDA TERAUDS

On 9/3/98 Pinnacle Laboratories, Inc., formerly American Environmental Network (NM), Inc., (ADHS License No. AZ0592), received a request to analyze **non-aq** samples.
The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All other parameters were performed by ESL (OR) Inc., Portland, OR.

EPA method 418.1 was performed by Pinnacle Laboratories, Inc., Albuquerque, NM.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: mt

Enclosure

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE ID	: 809018
PROJECT #	: (none)	DATE RECEIVED	: 9/3/98
PROJECT NAME	: PERSON NPA	REPORT DATE	: 9/18/98

LAB ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	D-1	NON-AQ	9/3/98
02	E-1	NON-AQ	9/3/98
03	D-2	NON-AQ	9/3/98
04	E-2	NON-AQ	9/3/98
05	DE-1-2	NON-AQ	9/3/98
06	I-1	NON-AQ	9/3/98
07	J-1	NON-AQ	9/3/98
08	I-2	NON-AQ	9/3/98
09	J-2	NON-AQ	9/3/98
10	IJ-1-2	NON-AQ	9/3/98
11	TP-1	NON-AQ	9/3/98
12	TP-2	NON-AQ	9/3/98
13	TP-3	NON-AQ	9/3/98
14	TP-4	NON-AQ	9/3/98
15	TP-5	NON-AQ	9/3/98

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE I.D.	: 809018
PROJECT #	: (none)	DATE RECEIVED	: 9/3/98
PROJECT NAME	: PERSON NPA		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
11	TP-1	NON-AQ	9/3/98	9/11/98	9/11/98	1
12	TP-2	NON-AQ	9/3/98	9/11/98	9/11/98	1
13	TP-3	NON-AQ	9/3/98	9/11/98	9/11/98	1

PARAMETER	DET. LIMIT	UNITS	11	12	13
PETROLEUM HYDROCARBONS, IR	20	MG/KG	**130**	< 20	**74**

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE I.D.	: 809018
PROJECT #	: (none)	DATE RECEIVED	: 9/3/98
PROJECT NAME	: PERSON NPA		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
14	TP-4	NON-AQ	9/3/98	9/11/98	9/11/98	1
15	TP-5	NON-AQ	9/3/98	9/11/98	9/11/98	1

PARAMETER	DET. LIMIT	UNITS	14	15
PETROLEUM HYDROCARBONS, IR	20	MG/KG	< 20	< 20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE I.D.	: 809018
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PERSON NPA	UNITS	: MG/KG

PARAMETER	PINNACLE I.D.	SAMPLE RESULT
PETROLEUM HYDROCARBONS	091198	<20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
Phone: 505-344-3777, Fax: 505-344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
418.1

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE I.D.	: 809018
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PERSON NPA	UNITS	: MG/KG

PARAMETER	PINNACLE I.D.	SAMPLE RESULT	DUP. RESULT	% RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	809018-15	<20	<20	N/A	154	150	103%

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Environmental Services Laboratory, Inc. ESL

17400 SW Upper Boones Ferry Road • Suite 270 • Portland, OR 97224 • (503) 670-8520

Kim McNeill
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

Date: 09/09/1998
ESL Account No.: 90147
ESL Job Number: 98.01784

Project: 809018 / PNM
Location: Person NPA

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Sample Number	Sample Description	Matrix Type	Date Taken	Date Received
105686	809018-01 / D-1	SOIL	09/03/1998	09/04/1998
105687	809018-02 / E-1	SOIL	09/03/1998	09/04/1998
105688	809018-03 / D-2	SOIL	09/03/1998	09/04/1998
105689	809018-04 / E-2	SOIL	09/03/1998	09/04/1998
105690	809018-05 / DE-1-2	SOIL	09/03/1998	09/04/1998
105691	809018-06 / I-1	SOIL	09/03/1998	09/04/1998
105692	809018-07 / J-1	SOIL	09/03/1998	09/04/1998
105693	809018-08 / I-2	SOIL	09/03/1998	09/04/1998
105694	809018-09 / J-2	SOIL	09/03/1998	09/04/1998
105695	809018-10 / IJ-1-2	SOIL	09/03/1998	09/04/1998

Approved by:

Andi Hoevet
Project Manager
ESL, INC.

Technical Review
ESL, INC.

The results from these samples relate only to the items tested. This report shall not be reproduced, except in full, without the written approval of the laboratory.

ANALYTICAL SERVICES FOR THE ENVIRONMENT

ANALYTICAL REPORT

Kim McNeill
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

09/09/1998
Job No.: 98.01784

Project Name: 809018 / PNM
Date Received: 09/04/1998

Sample Number: 105686
Sample Description: 809018-01 / D-1

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	2	1.0	mg/Kg	09/08/1998	

Sample Number: 105687
Sample Description: 809018-02 / E-1

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	5	1.0	mg/Kg	09/08/1998	

Sample Number: 105688
Sample Description: 809018-03 / D-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	41	1.0	mg/Kg	09/08/1998	

Sample Number: 105689
Sample Description: 809018-04 / E-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	17	1.0	mg/Kg	09/08/1998	

Sample Number: 105690
Sample Description: 809018-05 / DE-1-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	7	1.0	mg/Kg	09/08/1998	

A sample result of ND indicates the parameter was Not Detected at the reporting limit.

ANALYTICAL REPORT

Kim McNeill
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

09/09/1998
Job No.: 98.01784

Project Name: 809018 / PNM
Date Received: 09/04/1998

Sample Number 105691 — Sample Description 809018-06 / I-1

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	3.48	1.0	mg/Kg	09/08/1998	

Sample Number 105692 — Sample Description 809018-07 / J-1

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	4	1.0	mg/Kg	09/08/1998	

Sample Number 105693 — Sample Description 809018-08 / I-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	76	1.0	mg/Kg	09/08/1998	

Sample Number 105694 — Sample Description 809018-09 / J-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	65	1.0	mg/Kg	09/08/1998	

Sample Number 105695 — Sample Description 809018-10 / IJ-1-2

PARAMETERS	METHODS	RESULTS	REPORT LIMIT	UNITS	DATE ANALYZED	FLAG
ICP/AA Digestion - Soil	ICP	-	-		09/08/1998	
Chromium, ICP	6010	12	1.0	mg/Kg	09/08/1998	

A sample result of ND indicates the parameter was Not Detected at the reporting limit.

QUALITY CONTROL REPORT
BLANKS

Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

Date: 09/09/1998

Job Number: 98.01784

Contact: Kim McNeill
Project: 809018 / PNM
Location: Person NPA

Analyte	Blank Analysis	Report Limit	Units	Date Analyzed
Chromium, ICP	ND	1.0	mg/Kg	09/08/1998

Environmental Services Laboratory, Inc. (503)670-8520 (503)670-9243 FAX
17400 SW Upper Boones Ferry Rd., Portland, OR 97224

FLAG GLOSSARY

A	This sample does not have a typical gasoline pattern.
B1	This sample does not have a typical diesel pattern.
B	Analyte found in the associated blank as well as the sample.
C	The sample contains a lighter hydrocarbon than gasoline.
CN	See case narrative
CS	Outside control limits or unusual matrix; see case narrative.
D	The sample extends to a heavier hydrocarbon range than gasoline.
d	Results on a dry weight basis
DIL	Result was calculated from dilution.
E	The sample extends to a lighter hydrocarbon range than diesel.
F	The sample extends to a heavier hydrocarbon range than diesel.
G	The positive result for gasoline is due to single component comtamination.
I	The oil pattern for this sample is not typical.
J	The result for this compound is an estimated concentration.
L	The LCS recovery exceeded control limits. See the LCS page of this report.
LM	The LCS recovery exeeded control limits; the MS/MSD were in control validating the batch.
M	MS and/or MSD percent recovery exceeds control limits.
MD	Unable to calculate MS/MSD recovery due to high amount of analyte; greater than 4 times spike level.
MR	The MS/MSD RPD is greater than method critera. The sample was re-extracted and re-analyzed with similar results indicating a non-homogeneous sample.
MM	The Matrix Spike exceeded control limits; LCS was in control validating the batch.
MI	Outside control limits due to matrix interference.
N	Manual integration performed on sample for quantification.
N/A	Not Applicable.
NC	Not calcuable.
NO	Not Analyzed.
P	A post digestion spike was analyzed, and recoveries were within control limits.
Q	Detection limits elevated due to sample matrix.
Q1	Detection limits elevated due to high levels of non-target compounds. Sample(s) run at a dilution.
R	The duplicate RPD was greater than 20%. The sample was re-extracted and re-analyzed with similar results. This indicates a matrix interference in the sample, likely a non-homogeneity of the sample.
R1	The duplicate RPD was greater than 20%. Visual inspection showed the sample to be non-homogeneous.
RD	RPD not applicable for results less than five times the reporting limit.
RH	The Relative Percent Difference (RPD) between two columns was greater than 40%, the higher result was reported.
RL	The Relative Percent Difference (RPD) between two columns was greater than 40%, the lower result was reported due to obvious interference with the higher result.
RP	MS/MSD RPD is greater than 20%
SR	Surrogate recovery outside control limits. See the surrogate page of the report.
SD	Unable to quantitate surrogate due to sample dilution.
SC	Sample not provided to laboratory in proper sampling container.
V	Volatile analysis was requested, sample container received with headspace.
X1	The duplicate RPD was greater than 20%. Due to insufficient sample, re-analysis was not possible.
X	Sample was analyzed outside recommended holding times.
Y	The result for this parameter was greater than the TCLP regulatory limit.
Z	The pattern seen for the parameter being analyzed is not typical.

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 9/3/98 Page: 1 of 1

Network Project Manager: Kimberly D. McNeill

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
(505) 344-3777 Fax (505) 344-4413

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	RCRA TCLP METALS	Metals-13 PP List	Metals ~~[illegible]~~ Cr (Total)		TOX	TOC	Gen Chemistry		Oil and Grease	Volatile Organics GC/MS (8260)	BOD	COD	PESTICIDES/PCB (608/8080)	8270 BY GC/MS	PNA (8310)	8240 (TCLP 1311) ZHE	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	URANIUM	RADIUM 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
809018-01	9/3	1340	NAQ					X																				
-02		1341						X																				
-03		1342						X																				
-04		1343						X																				
-05		1344						X																				
-06		1345						X																				
-07		1346						X																				
-08		1347						X																				
-09		1348						X																				
-10	↓	1349	↓					X																				

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
PROJECT #: 809018	Total Number of Containers	PENSACOLA - STL-FL	Signature: Time:	Signature: Time:
PROJ. NAME: PNM	Chain of Custody Seals	PORTLAND - ESL-OR X	Francine Torino 1700	
QC LEVEL: (STD) IV	Received Intact?	STL - CT	Printed Name: Date:	Printed Name: Date:
QC REQUIRED: (MS MSD BLANK)	Received Good Cond./Cold	STL- NEW JERSEY	Francine Torino 9/3/98	
TAT: (STANDARD) RUSH!!	LAB NUMBER: 98.01784	N. CREEK	Pinnacle Laboratories, Inc.	Company
		BARRINGER	RECEIVED BY: 1.	RECEIVED BY: 2
DUE DATE: 9/10	COMMENTS:	SEQUOIA	Signature: Time: 1030	Signature: Time:
RUSH SURCHARGE: 50%				
CLIENT DISCOUNT: —			Printed Name: Date: 9/4/98	Printed Name: Date:
SPECIAL CERTIFICATION REQUIRED: YES NO			Company	Company

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 9/3/98 PAGE: ___ OF ___

AEN(NM) Accession #: 809018

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: Public Service Co. of NM

ADDRESS: 414 Silver S.W., MS 0408
Albuquerque, NM 87102

PHONE: 505. 241. 6506

FAX: 505. 241. 2340

BILL TO: John Hale

COMPANY: PNM

ADDRESS: see above

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Cr (total)		NUMBER OF CONTAINERS
D-1	9/3/98	1340	Soil	01																											X		1
E-1		1341		02																											X		1
D-2		1342		03																											X		1
E-2		1343		04																											X		1
DE-1-2		1344		05																											X		1
I-1		1345		06																											X		1
J-1		1346		07																											X		1
I-2		1347		08																											X		1
J-2		1348		09																											X		1
IJ-1-2		1349		10																											X		1

PROJECT INFORMATION

PROJ. NO.:

PROJ. NAME: Person NPA

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS: 10

CUSTODY SEALS: Y/N/NA

RECEIVED INTACT: Y/N

BLUE ICE/ICE: Y/N

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☒ 1 WEEK (NORMAL) ☐

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

For Total Cr > 200 ppm, please run Cr^{VI}.

Direct from Field

RELINQUISHED BY: 1.

Signature: Ron Johnson Time: 1424

Printed Name: Ron Johnson Date: 9/3/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 1433

Printed Name: Date: 9/3/98

American Environmental Network (NM) Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 9/3/98 PAGE: ___ OF ___

AEN(NM) Accession #: 809018

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: Public Service Co. of NM

ADDRESS: 414 Silver SW. MS 0408
Albuquerque, NM 87102

PHONE: 505. 241. 6506

FAX: 505. 241. 2340

BILL TO: John Hale

COMPANY: PNM

ADDRESS: See above

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant: Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Cr (total)		NUMBER OF CONTAINERS
TP-1	9/3/98	1335	Soil	11	X																												1
TP-2	↓	1336	↓	12	X																												1
TP-3	↓	1337	↓	13	X																												1
TP-4	↓	1338	↓	14	X																												1
TP-5	↓	1339	↓	15	X																												1

PROJECT INFORMATION

PROJ. NO.:

PROJ. NAME: Person NPA

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	15
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Y / N
BLUE ICE/ICE	Y / N

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☒ WEEK (NORMAL) ☐

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

For Total Cr > 200 ppm, please run Cr.VI

Direct from Field

RELINQUISHED BY: 1

Signature: Ron Johnson Time: 1425

Printed Name: Ron Johnson Date: 9/3/98

Company: PNM

RELINQUISHED BY: 2

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: Tancme Time: 1433

Printed Name: Tancme Teravio Date: 9/3/98

American Environmental Network (NM) Inc.

American Environmental Network, Inc.

AEN I.D. 806332

June 18, 1998

PUBLIC SERVICE COMPANY
ALVARADO SQUARE-MS0408
ALBUQUERQUE, NM 87158

Project Name PERSON STATION
Project Number NATURAL PIT

Attention: VALDA TERAUDS

On 6/9/98 American Environmental Network (NM), Inc. (ADHS License No. AZ0015), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: mt

Enclosure

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (505) 344-4413

American Environmental Network, Inc.

CLIENT	: PUBLIC SERVICE COMPANY	AEN I.D.	: 806332
PROJECT #	: NATURAL PIT	DATE RECEIVED	: 6/9/98
PROJECT NAME	: PERSON STATION	REPORT DATE	: 6/18/98

AEN ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	TP-1	NON-AQ	6/9/98
02	TP-2	NON-AQ	6/9/98
03	TP-3	NON-AQ	6/9/98
04	TP-4	NON-AQ	6/9/98
05	TP-5	NON-AQ	6/9/98
06	TP-6	NON-AQ	6/9/98

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

418.1

CLIENT	: PUBLIC SERVICE COMPANY	AEN I.D.	: 806332
PROJECT #	: NATURAL PIT	DATE RECEIVED	: 6/9/98
PROJECT NAME	: PERSON STATION		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	TP-1	NON-AQ	6/9/98	6/15/98	6/15/98	1
02	TP-2	NON-AQ	6/9/98	6/15/98	6/15/98	1
03	TP-3	NON-AQ	6/9/98	6/15/98	6/15/98	1

PARAMETER	DET. LIMIT	UNITS	01	02	03
PETROLEUM HYDROCARBONS, IR	20	**MG/KG**	**87**	**39**	< 20

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: PUBLIC SERVICE COMPANY	AEN I.D.	: 806332
PROJECT #	: NATURAL PIT	DATE RECEIVED	: 6/9/98
PROJECT NAME	: PERSON STATION		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	TP-4	NON-AQ	6/9/98	6/15/98	6/15/98	1
05	TP-5	NON-AQ	6/9/98	6/15/98	6/15/98	1
06	TP-6	NON-AQ	6/9/98	6/15/98	6/15/98	1

PARAMETER	DET. LIMIT	UNITS	04	05	06
PETROLEUM HYDROCARBONS, IR	20	**MG/KG**	**120**	**240**	**390**

DRY WEIGHT (%)

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: PUBLIC SERVICE COMPANY	AEN I.D.	: 806332
PROJECT #	: NATURAL PIT	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PERSON STATION	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT
PETROLEUM HYDROCARBONS	061598	<20

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL
418.1

CLIENT	: PUBLIC SERVICE COMPANY	AEN I.D.	: 806332
PROJECT #	: NATURAL PIT	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PERSON STATION	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT	DUP. RESULT	% RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	061598	<20	<20	N/A	157	150	105%

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 1 OF 1

AEN(NM) Accession #: 806332

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-[redacted] 6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals:		NUMBER OF CONTAINERS
TP-1	6/9/98	0952	S	01	X																												1
TP-2		0953		02	X																												1
TP-3		0953		03	X																												1
TP-4		0954		04	X																												1
TP-5		0955		05	X																												1
TP-6		0955		06	X																												1

PROJECT INFORMATION	
PROJ. NO.:	Natural Pit
PROJ. NAME:	Person Station
P.O. NO.:	
SHIPPED VIA:	

SAMPLE RECEIPT	
NO. CONTAINERS	6
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Yes
BLUE ICE/ICE	8.5C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) X

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Valda Terauds Time: 1:20	Signature: Time:
Printed Name: Valda Terauds Date: 6/9/98	Printed Name: Date:
Company: PNM	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: 11:30
Printed Name: Date:	Printed Name: F. Torivio Date: 6/9/98
Company:	American Enviromental Network (NM), Inc.

American Environmental Network, Inc.

AEN I.D. **806331**

July 29, 1998

Public Service Co of NM
Alvarado Square MS0408
Albuquerque, NM 87158

Project Name/Number: PERSON STATION NATURAL PIT

Attention: Valda Terauds

On **06/09/98**, American Environmental Network (NM) Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All anlayses were performed by Severn Trent Laboratories, Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (505) 344-4413

American Environmental Network, Inc.

CLIENT	: PUBLIC SERVICE CO OF NM	DATE RECEIVED	: 06/09/98
PROJECT #	: NATURAL PIT		
PROJECT NAME	: PERSON STATION	REPORT DATE	: 07/29/98

AEN ID: 806331

	AEN ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	806331-01	A8	NON-AQ	06/09/98
02	806331-02	A9	NON-AQ	06/09/98
03	806331-03	B8	NON-AQ	06/09/98
04	806331-04	B9	NON-AQ	06/09/98
05	806331-05	C8	NON-AQ	06/09/98
06	806331-06	C9	NON-AQ	06/09/98
07	806331-07	D8	NON-AQ	06/09/98
08	806331-08	D9	NON-AQ	06/09/98
09	806331-09	E8	NON-AQ	06/09/98
10	806331-10	E9	NON-AQ	09/09/98
11	806331-11	F8	NON-AQ	06/09/98
12	806331-12	F9	NON-AQ	06/09/98
13	806331-13	G8	NON-AQ	06/09/98
14	806331-14	G9	NON-AQ	06/09/98
15	806331-15	H8	NON-AQ	06/09/98
16	806331-16	H9	NON-AQ	06/09/98
17	806331-17	I8	NON-AQ	06/09/98
18	806331-18	J8	NON-AQ	06/09/98
19	806331-19	J9	NON-AQ	06/09/98
20	806331-20	K8	NON-AQ	09/09/98
21	806331-21	K9	NON-AQ	06/09/98
22	806331-22	A14	NON-AQ	06/09/98
23	806331-23	A15	NON-AQ	06/09/98
24	806331-24	B14	NON-AQ	06/09/98
25	806331-25	B15	NON-AQ	06/09/98
26	806331-26	C14	NON-AQ	06/09/98
27	806331-27	C15	NON-AQ	06/09/98
28	806331-28	D14	NON-AQ	06/09/98
29	806331-29	D15	NON-AQ	06/09/98
30	806331-30	E14	NON-AQ	09/09/98
31	806331-31	E15	NON-AQ	06/09/98
32	806331-32	F14	NON-AQ	06/09/98
33	806331-33	F15	NON-AQ	06/09/98
34	806331-34	G14	NON-AQ	06/09/98
35	806331-35	G15	NON-AQ	06/09/98
36	806331-36	H14	NON-AQ	06/09/98
37	806331-37	H15	NON-AQ	06/09/98
38	806331-38	I14	NON-AQ	06/09/98
39	806331-39	I15	NON-AQ	06/09/98
40	806331-40	J14	NON-AQ	09/09/98
41	806331-41	J15	NON-AQ	06/09/98
42	806331-42	J15D	NON-AQ	06/09/98
43	806331-43	K14	NON-AQ	06/09/98

44	806331-44	D14-D	NON-AQ	06/09/98
45	806331-45	K15	NON-AQ	06/09/98
46	806331-46	A10	NON-AQ	06/09/98
47	806331-47	A11	NON-AQ	06/09/98
48	806331-48	B10	NON-AQ	06/09/98
49	806331-49	B11	NON-AQ	06/09/98
50	806331-50	C10	NON-AQ	09/09/98
51	806331-51	C11	NON-AQ	06/09/98
52	806331-52	I9	NON-AQ	06/09/98
53	806331-53	D10	NON-AQ	06/09/98
54	806331-54	D11	NON-AQ	06/09/98
55	806331-55	E10	NON-AQ	06/09/98
56	806331-56	E11	NON-AQ	06/09/98
57	806331-57	F10	NON-AQ	06/09/98
58	806331-58	F11	NON-AQ	06/09/98
59	806331-59	G10	NON-AQ	06/09/98
60	806331-60	G11	NON-AQ	09/09/98
61	806331-61	H10	NON-AQ	06/09/98
62	806331-62	H11	NON-AQ	06/09/98
63	806331-63	I10	NON-AQ	06/09/98
64	806331-64	I11	NON-AQ	06/09/98
65	806331-65	J10	NON-AQ	06/09/98
66	806331-66	J11	NON-AQ	06/09/98
67	806331-67	E12	NON-AQ	06/09/98
68	806331-68	E13	NON-AQ	06/09/98
69	806331-69	F12	NON-AQ	06/09/98
70	806331-70	F13	NON-AQ	09/09/98
71	806331-71	G12	NON-AQ	06/09/98
72	806331-72	G13	NON-AQ	06/09/98
73	806331-73	H12	NON-AQ	06/09/98
74	806331-74	H13	NON-AQ	06/09/98
75	806331-75	I12	NON-AQ	06/09/98
76	806331-76	I13	NON-AQ	06/09/98
77	806331-77	K10	NON-AQ	06/09/98
78	806331-78	K11	NON-AQ	06/09/98
79	806331-79	A12	NON-AQ	06/09/98
80	806331-80	A13	NON-AQ	09/09/98
81	806331-81	B12	NON-AQ	06/09/98
82	806331-82	B13	NON-AQ	06/09/98
83	806331-83	C12	NON-AQ	06/09/98
84	806331-84	C13	NON-AQ	06/09/98
85	806331-85	D12	NON-AQ	06/09/98
86	806331-86	D13	NON-AQ	06/09/98
87	806331-87	J12	NON-AQ	06/09/98
88	806331-88	J13	NON-AQ	06/09/98
89	806331-89	K12	NON-AQ	06/09/98
90	806331-90	K13	NON-AQ	09/09/98
91	806331-91	G13-D	NON-AQ	06/09/98
92	806331-92	G12-D	NON-AQ	06/09/98
93	806331-93	E16	NON-AQ	06/09/98
94	806331-94	E16-D	NON-AQ	06/09/98
95	806331-95	E17	NON-AQ	06/09/98
96	806331-96	F16	NON-AQ	06/09/98
97	806331-97	F17	NON-AQ	06/09/98
98	806331-98	F17-D	NON-AQ	06/09/98
99	806331-99	G16	NON-AQ	06/09/98
100	806331-100	G17	NON-AQ	09/09/98

101	806331-101	H16	NON-AQ	09/09/98
102	806331-102	H17	NON-AQ	09/09/98
103	806331-103	I16	NON-AQ	09/09/98
104	806331-104	I17	NON-AQ	09/09/98
105	806331-105	J16	NON-AQ	09/09/98
106	806331-106	J17	NON-AQ	09/09/98
107	806331-107	K16	NON-AQ	09/09/98
108	806331-108	K17	NON-AQ	09/09/98

—TOTALS—

MATRIX	#SAMPLES
AQUEOUS	108

AEN STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

American Environmental Network, Inc.
11 East Olive Road • Pensacola, FL 32514 • (904) 474-1001

SIGNATURE PAGE

Reviewed by: M Patrick
AEN Project Manager

Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC. ALBUQUERQUE, NEW MEXICO
Project Name:	PUBLIC SERVICE COMPANY
Project Number:	806331
Project Location:	PERSON STATION
Accession Number:	806039
Project Manager:	KIMBERLY D. MCNEILL
Sampled By:	N/S

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: Group of Single Metals

Accession:	806039
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806331
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	METALS

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-01			Lab ID:001		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S100	
Comments:					
Client ID: 806331-02			Lab ID:002		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S100	
Comments:					
Client ID: 806331-03			Lab ID:003		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S100	
Comments:					
Client ID: 806331-04			Lab ID:004		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S100	
Comments:					
Client ID: 806331-05			Lab ID:005		
CHROMIUM (6010A)	MG/KG	8.8	1.0	H6S100	
Comments:					
Client ID: 806331-06			Lab ID:006		
CHROMIUM (6010A)	MG/KG	14	1.0	H6S100	
Comments:					
Client ID: 806331-07			Lab ID:007		
CHROMIUM (6010A)	MG/KG	9.3	1.0	H6S100	
Comments:					
Client ID: 806331-08			Lab ID:008		
CHROMIUM (6010A)	MG/KG	7.4	1.0	H6S100	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
lient ID: 806331-09			Lab ID:009		
CHROMIUM (6010A)	MG/KG	7.9	1.0	H6S100	
Comments:					
lient ID: 806331-10			Lab ID:010		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S100	
Comments:					
lient ID: 806331-11			Lab ID:011		
CHROMIUM (6010A)	MG/KG	8.2	1.0	H6S100	
Comments:					
lient ID: 806331-12			Lab ID:012		
CHROMIUM (6010A)	MG/KG	8.4	1.0	H6S100	
Comments:					
lient ID: 806331-13			Lab ID:013		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S100	
Comments:					
lient ID: 806331-14			Lab ID:014		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S100	
Comments:					
lient ID: 806331-15			Lab ID:015		
CHROMIUM (6010A)	MG/KG	8.2	1.0	H6S100	
Comments:					
lient ID: 806331-16			Lab ID:016		
CHROMIUM (6010A)	MG/KG	9.4	1.0	H6S100	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-17			Lab ID:017		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S100	
Comments:					
Client ID: 806331-18			Lab ID:018		
CHROMIUM (6010A)	MG/KG	33	1.0	H6S100	
Comments:					
Client ID: 806331-19			Lab ID:019		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S100	
Comments:					
Client ID: 806331-20			Lab ID:020		
CHROMIUM (6010A)	MG/KG	3.9	1.0	H6S100	
Comments:					
Client ID: 806331-21			Lab ID:021		
CHROMIUM (6010A)	MG/KG	3.7	1.0	H6S101	
Comments:					
Client ID: 806331-22			Lab ID:022		
CHROMIUM (6010A)	MG/KG	3.2	1.0	H6S101	
Comments:					
Client ID: 806331-23			Lab ID:023		
CHROMIUM (6010A)	MG/KG	3.9	1.0	H6S101	
Comments:					
Client ID: 806331-24			Lab ID:024		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S101	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-25			Lab ID:025		
CHROMIUM (6010A)	MG/KG	5.2	1.0	H6S101	
Comments:					
Client ID: 806331-26			Lab ID:026		
CHROMIUM (6010A)	MG/KG	6.7	1.0	H6S101	
Comments:					
Client ID: 806331-27			Lab ID:027		
CHROMIUM (6010A)	MG/KG	4.6	1.0	H6S101	
Comments:					
Client ID: 806331-28			Lab ID:028		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S101	
Comments:					
Client ID: 806331-29			Lab ID:029		
CHROMIUM (6010A)	MG/KG	4.7	1.0	H6S101	
Comments:					
Client ID: 806331-30			Lab ID:030		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S101	
Comments:					
Client ID: 806331-31			Lab ID:031		
CHROMIUM (6010A)	MG/KG	8.0	1.0	H6S101	
Comments:					
Client ID: 806331-32			Lab ID:032		
CHROMIUM (6010A)	MG/KG	13	1.0	H6S101	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-33			Lab ID:033		
CHROMIUM (6010A)	MG/KG	5.8	1.0	H6S101	
Comments:					
Client ID: 806331-34			Lab ID:034		
CHROMIUM (6010A)	MG/KG	4.4	1.0	H6S101	
Comments:					
Client ID: 806331-35			Lab ID:035		
CHROMIUM (6010A)	MG/KG	4.9	1.0	H6S101	
Comments:					
Client ID: 806331-36			Lab ID:036		
CHROMIUM (6010A)	MG/KG	9.2	1.0	H6S101	
Comments:					
Client ID: 806331-37			Lab ID:037		
CHROMIUM (6010A)	MG/KG	9.1	1.0	H6S101	
Comments:					
Client ID: 806331-38			Lab ID:038		
CHROMIUM (6010A)	MG/KG	8.1	1.0	H6S101	
Comments:					
Client ID: 806331-39			Lab ID:039		
CHROMIUM (6010A)	MG/KG	7.8	1.0	H6S101	
Comments:					
Client ID: 806331-40			Lab ID:040		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S101	
Comments:					

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

Date: 09/09/1998

Job Number: 98.01784

Contact: Kim McNeill
Project: 809018 / PNM

Analyte	CCV True Concentration	Concentration Found	Percent Recovery	Date Analyzed
Chromium, ICP	0.500	0.513	102.6	09/08/1998

CCV - Continuing Calibration Verification

Environmental Services Laboratory, Inc. (503)670-8520 (503)670-9243 FAX
17400 SW Upper Boones Ferry Rd., Suite 270, Portland, OR 97224

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

Date: 09/09/1998

Job Number: 98.01784

Contact: Kim McNeill
Project: 809018 / PNM

Analyte	LCS True Concentration	Concentration Found	LCS % Recovery	Flags	Date Analyzed
Chromium, ICP	50.0	51.1	102.2		09/08/1998

LCS - Laboratory Control Standard

Environmental Services Laboratory, Inc. (503)670-8520 (503)670-9243 FAX
17400 SW Upper Boones Ferry Rd., Suite 270, Portland OR 97224

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

Date: 09/09/1998

Job Number: 98.01784

Contact: Kim McNeill
Project: 809018 / PNM

Analyte	Matrix Spike Result	Sample Result	Spike Amount	Units	Percent Recovery	MSD Result	MSD Spike Amount	Units	Percent Recovery	MS/MSD RPD	Flags
Chromium, ICP	52.6	3.48	50.0	mg/Kg	98.2	52.1	50.0	mg/Kg	97.2	1.0	

QC Sample:

NOTE: Matrix Spike Samples may not be samples from this job.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference
dil.= Diluted Out

Environmental Services Laboratory, Inc. (503)670-8520 (503)670-9243 FAX
17400 SW Upper Boones Ferry Rd., Portland, OR 97224

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-41			Lab ID:041		
CHROMIUM (6010A)	MG/KG	19	1.0	H6S103	
Comments:					
Client ID: 806331-42			Lab ID:042		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S103	
Comments:					
Client ID: 806331-43			Lab ID:043		
CHROMIUM (6010A)	MG/KG	3.5	1.0	H6S103	
Comments:					
Client ID: 806331-44			Lab ID:044		
CHROMIUM (6010A)	MG/KG	13	1.0	H6S103	
Comments:					
Client ID: 806331-45			Lab ID:045		
CHROMIUM (6010A)	MG/KG	8.4	1.0	H6S103	
Comments:					
Client ID: 806331-46			Lab ID:046		
CHROMIUM (6010A)	MG/KG	44	1.0	H6S103	
Comments:					
Client ID: 806331-47			Lab ID:047		
CHROMIUM (6010A)	MG/KG	14	1.0	H6S103	
Comments:					
Client ID: 806331-48			Lab ID:048		
CHROMIUM (6010A)	MG/KG	13	1.0	H6S103	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-49			Lab ID:049		
CHROMIUM (6010A)	MG/KG	3.7	1.0	H6S103	
Comments:					
Client ID: 806331-50			Lab ID:050		
CHROMIUM (6010A)	MG/KG	5.5	1.0	H6S103	
Comments:					
Client ID: 806331-51			Lab ID:051		
CHROMIUM (6010A)	MG/KG	8.4	1.0	H6S103	
Comments:					
Client ID: 806331-52			Lab ID:052		
CHROMIUM (6010A)	MG/KG	4.2	1.0	H6S103	
Comments:					
Client ID: 806331-53			Lab ID:053		
CHROMIUM (6010A)	MG/KG	6.7	1.0	H6S103	
Comments:					
Client ID: 806331-54			Lab ID:054		
CHROMIUM (6010A)	MG/KG	8.4	1.0	H6S103	
Comments:					
Client ID: 806331-55			Lab ID:055		
CHROMIUM (6010A)	MG/KG	5.7	1.0	H6S103	
Comments:					
Client ID: 806331-56			Lab ID:056		
CHROMIUM (6010A)	MG/KG	7.2	1.0	H6S103	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-57			Lab ID:057		
CHROMIUM (6010A)	MG/KG	8.1	1.0	H6S103	
Comments:					
Client ID: 806331-58			Lab ID:058		
CHROMIUM (6010A)	MG/KG	7.2	1.0	H6S103	
Comments:					
Client ID: 806331-59			Lab ID:059		
CHROMIUM (6010A)	MG/KG	6.8	1.0	H6S103	
Comments:					
Client ID: 806331-60			Lab ID:060		
CHROMIUM (6010A)	MG/KG	6.5	1.0	H6S103	
Comments:					
Client ID: 806331-61			Lab ID:061		
CHROMIUM (6010A)	MG/KG	8.1	1.0	H6S104	
Comments:					
Client ID: 806331-62			Lab ID:062		
CHROMIUM (6010A)	MG/KG	7.4	1.0	H6S104	
Comments:					
Client ID: 806331-63			Lab ID:063		
CHROMIUM (6010A)	MG/KG	4.7	1.0	H6S104	
Comments:					
Client ID: 806331-64			Lab ID:064		
CHROMIUM (6010A)	MG/KG	6.8	1.0	H6S104	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-65			Lab ID:065		
CHROMIUM (6010A)	MG/KG	5.0	1.0	H6S104	
Comments:					
Client ID: 806331-66			Lab ID:066		
CHROMIUM (6010A)	MG/KG	9.1	1.0	H6S104	
Comments:					
Client ID: 806331-67			Lab ID:067		
CHROMIUM (6010A)	MG/KG	6.6	1.0	H6S104	
Comments:					
Client ID: 806331-68			Lab ID:068		
CHROMIUM (6010A)	MG/KG	13	1.0	H6S104	
Comments:					
Client ID: 806331-69			Lab ID:069		
CHROMIUM (6010A)	MG/KG	7.4	1.0	H6S104	
Comments:					
Client ID: 806331-70			Lab ID:070		
CHROMIUM (6010A)	MG/KG	8.7	1.0	H6S104	
Comments:					
Client ID: 806331-71			Lab ID:071		
CHROMIUM (6010A)	MG/KG	7.3	1.0	H6S104	
Comments:					
Client ID: 806331-72			Lab ID:072		
CHROMIUM (6010A)	MG/KG	5.7	1.0	H6S104	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-73			Lab ID:073		
CHROMIUM (6010A)	MG/KG	7.8	1.0	H6S104	
Comments:					
Client ID: 806331-74			Lab ID:074		
CHROMIUM (6010A)	MG/KG	7.3	1.0	H6S104	
Comments:					
Client ID: 806331-75			Lab ID:075		
CHROMIUM (6010A)	MG/KG	18	1.0	H6S104	
Comments:					
Client ID: 806331-76			Lab ID:076		
CHROMIUM (6010A)	MG/KG	10	1.0	H6S104	
Comments:					
Client ID: 806331-77			Lab ID:077		
CHROMIUM (6010A)	MG/KG	7.0	1.0	H6S104	
Comments:					
Client ID: 806331-78			Lab ID:078		
CHROMIUM (6010A)	MG/KG	3.0	1.0	H6S104	
Comments:					
Client ID: 806331-79			Lab ID:079		
CHROMIUM (6010A)	MG/KG	10	1.0	H6S104	
Comments:					
Client ID: 806331-80			Lab ID:080		
CHROMIUM (6010A)	MG/KG	5.5	1.0	H6S104	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-81			Lab ID:081		
CHROMIUM (6010A)	MG/KG	7.5	1.0	H6S105	
Comments:					
Client ID: 806331-82			Lab ID:082		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S105	
Comments:					
Client ID: 806331-83			Lab ID:083		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S105	
Comments:					
Client ID: 806331-84			Lab ID:084		
CHROMIUM (6010A)	MG/KG	14	1.0	H6S105	
Comments:					
Client ID: 806331-85			Lab ID:085		
CHROMIUM (6010A)	MG/KG	5.9	1.0	H6S105	
Comments:					
Client ID: 806331-86			Lab ID:086		
CHROMIUM (6010A)	MG/KG	9.7	1.0	H6S105	
Comments:					
Client ID: 806331-87			Lab ID:087		
CHROMIUM (6010A)	MG/KG	10	1.0	H6S105	
Comments:					
Client ID: 806331-88			Lab ID:088		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S105	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-89			Lab ID:089		
CHROMIUM (6010A)	MG/KG	5.6	1.0	H6S105	
Comments:					
Client ID: 806331-90			Lab ID:090		
CHROMIUM (6010A)	MG/KG	4.2	1.0	H6S105	
Comments:					
Client ID: 806331-91			Lab ID:091		
CHROMIUM (6010A)	MG/KG	5.5	1.0	H6S105	
Comments:					
Client ID: 806331-92			Lab ID:092		
CHROMIUM (6010A)	MG/KG	9.5	1.0	H6S105	
Comments:					
Client ID: 806331-93			Lab ID:093		
CHROMIUM (6010A)	MG/KG	6.5	1.0	H6S105	
Comments:					
Client ID: 806331-94			Lab ID:094		
CHROMIUM (6010A)	MG/KG	4.3	1.0	H6S106	
Comments:					
Client ID: 806331-95			Lab ID:095		
CHROMIUM (6010A)	MG/KG	3.8	1.0	H6S106	
Comments:					
Client ID: 806331-96			Lab ID:096		
CHROMIUM (6010A)	MG/KG	4.9	1.0	H6S106	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-97			Lab ID:097		
CHROMIUM (6010A)	MG/KG	5.0	1.0	H6S106	
Comments:					
Client ID: 806331-98			Lab ID:098		
CHROMIUM (6010A)	MG/KG	5.4	1.0	H6S106	
Comments:					
Client ID: 806331-99			Lab ID:099		
CHROMIUM (6010A)	MG/KG	5.2	1.0	H6S106	
Comments:					
Client ID: 806331-100			Lab ID:100		
CHROMIUM (6010A)	MG/KG	8.6	1.0	H6S106	
Comments:					
Client ID: 806331-101			Lab ID:101		
CHROMIUM (6010A)	MG/KG	8.4	0.5	HYS097	
Comments:					
Client ID: 806331-102			Lab ID:102		
CHROMIUM (6010A)	MG/KG	12	0.5	HYS097	
Comments:					
Client ID: 806331-103			Lab ID:103		
CHROMIUM (6010A)	MG/KG	13	0.5	HYS097	
Comments:					
Client ID: 806331-104			Lab ID:104		
CHROMIUM (6010A)	MG/KG	8.5	0.5	HYS097	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-105			Lab ID:105		
CHROMIUM (6010A)	MG/KG	5.8	0.5	HYS097	
Comments:					
Client ID: 806331-106			Lab ID:106		
CHROMIUM (6010A)	MG/KG	56	0.5	HYS097	
Comments:					
Client ID: 806331-107			Lab ID:107		
CHROMIUM (6010A)	MG/KG	11	0.5	HYS097	
Comments:					
Client ID: 806331-108			Lab ID:108		
CHROMIUM (6010A)	MG/KG	11	0.5	HYS097	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Id:	Lab Id:	Matrix:	Date/Time Sampled:	Date Received:
806331-01	001	SOIL	09-JUN-98 0900	10-JUN-98
806331-02	002	SOIL	09-JUN-98 0900	10-JUN-98
806331-03	003	SOIL	09-JUN-98 0901	10-JUN-98
806331-04	004	SOIL	09-JUN-98 0902	10-JUN-98
806331-05	005	SOIL	09-JUN-98 0903	10-JUN-98
806331-06	006	SOIL	09-JUN-98 0904	10-JUN-98
806331-07	007	SOIL	09-JUN-98 0905	10-JUN-98
806331-08	008	SOIL	09-JUN-98 0906	10-JUN-98
806331-09	009	SOIL	09-JUN-98 0906	10-JUN-98
806331-10	010	SOIL	09-JUN-98 0908	10-JUN-98
806331-11	011	SOIL	09-JUN-98 0909	10-JUN-98
806331-12	012	SOIL	09-JUN-98 0910	10-JUN-98
806331-13	013	SOIL	09-JUN-98 0910	10-JUN-98
806331-14	014	SOIL	09-JUN-98 0911	10-JUN-98
806331-15	015	SOIL	09-JUN-98 0912	10-JUN-98
806331-16	016	SOIL	09-JUN-98 0913	10-JUN-98
806331-17	017	SOIL	09-JUN-98 0914	10-JUN-98
806331-18	018	SOIL	09-JUN-98 0915	10-JUN-98
806331-19	019	SOIL	09-JUN-98 0916	10-JUN-98
806331-20	020	SOIL	09-JUN-98 0917	10-JUN-98
806331-21	021	SOIL	09-JUN-98 0918	10-JUN-98
806331-22	022	SOIL	09-JUN-98 0937	10-JUN-98
806331-23	023	SOIL	09-JUN-98 0938	10-JUN-98
806331-24	024	SOIL	09-JUN-98 0938	10-JUN-98
806331-25	025	SOIL	09-JUN-98 0939	10-JUN-98
806331-26	026	SOIL	09-JUN-98 0940	10-JUN-98
806331-27	027	SOIL	09-JUN-98 0941	10-JUN-98
806331-28	028	SOIL	09-JUN-98 0942	10-JUN-98
806331-29	029	SOIL	09-JUN-98 0943	10-JUN-98
806331-30	030	SOIL	09-JUN-98 0944	10-JUN-98
806331-31	031	SOIL	09-JUN-98 0945	10-JUN-98
806331-32	032	SOIL	09-JUN-98 0946	10-JUN-98
806331-33	033	SOIL	09-JUN-98 0946	10-JUN-98
806331-34	034	SOIL	09-JUN-98 0947	10-JUN-98
806331-35	035	SOIL	09-JUN-98 0948	10-JUN-98
806331-36	036	SOIL	09-JUN-98 0949	10-JUN-98
806331-37	037	SOIL	09-JUN-98 0950	10-JUN-98
806331-38	038	SOIL	09-JUN-98 0951	10-JUN-98
806331-39	039	SOIL	09-JUN-98 0952	10-JUN-98
806331-40	040	SOIL	09-JUN-98 0953	10-JUN-98
806331-41	041	SOIL	09-JUN-98 0953	10-JUN-98
806331-42	042	SOIL	09-JUN-98 0954	10-JUN-98
806331-43	043	SOIL	09-JUN-98 0954	10-JUN-98
806331-44	044	SOIL	09-JUN-98 0942	10-JUN-98
806331-45	045	SOIL	09-JUN-98 0955	10-JUN-98
806331-46	046	SOIL	09-JUN-98 0859	10-JUN-98
806331-47	047	SOIL	09-JUN-98 0900	10-JUN-98
806331-48	048	SOIL	09-JUN-98 0901	10-JUN-98
806331-49	049	SOIL	09-JUN-98 0902	10-JUN-98
806331-50	050	SOIL	09-JUN-98 0903	10-JUN-98
806331-51	051	SOIL	09-JUN-98 0904	10-JUN-98
806331-52	052	SOIL	09-JUN-98 0914	10-JUN-98
806331-53	053	SOIL	09-JUN-98 0905	10-JUN-98
806331-54	054	SOIL	09-JUN-98 0905	10-JUN-98
806331-55	055	SOIL	09-JUN-98 0906	10-JUN-98
806331-56	056	SOIL	09-JUN-98 0907	10-JUN-98
806331-57	057	SOIL	09-JUN-98 0908	10-JUN-98
806331-58	058	SOIL	09-JUN-98 0909	10-JUN-98

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Id:	Lab Id:	Matrix:	Date/Time Sampled:	Date Received:
806331-59	059	SOIL	09-JUN-98 0910	10-JUN-98
806331-60	060	SOIL	09-JUN-98 0911	10-JUN-98
806331-61	061	SOIL	09-JUN-98 0912	10-JUN-98
806331-62	062	SOIL	09-JUN-98 0912	10-JUN-98
806331-63	063	SOIL	09-JUN-98 0914	10-JUN-98
806331-64	064	SOIL	09-JUN-98 0914	10-JUN-98
806331-65	065	SOIL	09-JUN-98 0915	10-JUN-98
806331-66	066	SOIL	09-JUN-98 0916	10-JUN-98
806331-67	067	SOIL	09-JUN-98 0945	10-JUN-98
806331-68	068	SOIL	09-JUN-98 0945	10-JUN-98
806331-69	069	SOIL	09-JUN-98 0946	10-JUN-98
806331-70	070	SOIL	09-JUN-98 0947	10-JUN-98
806331-71	071	SOIL	09-JUN-98 0948	10-JUN-98
806331-72	072	SOIL	09-JUN-98 0949	10-JUN-98
806331-73	073	SOIL	09-JUN-98 0950	10-JUN-98
806331-74	074	SOIL	09-JUN-98 0950	10-JUN-98
806331-75	075	SOIL	09-JUN-98 0951	10-JUN-98
806331-76	076	SOIL	09-JUN-98 0952	10-JUN-98
806331-77	077	SOIL	09-JUN-98 0917	10-JUN-98
806331-78	078	SOIL	09-JUN-98 0918	10-JUN-98
806331-79	079	SOIL	09-JUN-98 0937	10-JUN-98
806331-80	080	SOIL	09-JUN-98 0938	10-JUN-98
806331-81	081	SOIL	09-JUN-98 0939	10-JUN-98
806331-82	082	SOIL	09-JUN-98 0939	10-JUN-98
806331-83	083	SOIL	09-JUN-98 0940	10-JUN-98
806331-84	084	SOIL	09-JUN-98 0941	10-JUN-98
806331-85	085	SOIL	09-JUN-98 0942	10-JUN-98
806331-86	086	SOIL	09-JUN-98 0943	10-JUN-98
806331-87	087	SOIL	09-JUN-98 0952	10-JUN-98
806331-88	088	SOIL	09-JUN-98 0953	10-JUN-98
806331-89	089	SOIL	09-JUN-98 0954	10-JUN-98
806331-90	090	SOIL	09-JUN-98 0955	10-JUN-98
806331-91	091	SOIL	09-JUN-98 0949	10-JUN-98
806331-92	092	SOIL	09-JUN-98 0944	10-JUN-98
806331-93	093	SOIL	09-JUN-98 0958	10-JUN-98
806331-94	094	SOIL	09-JUN-98 0959	10-JUN-98
806331-95	095	SOIL	09-JUN-98 0958	10-JUN-98
806331-96	096	SOIL	09-JUN-98 0959	10-JUN-98
806331-97	097	SOIL	09-JUN-98 0959	10-JUN-98
806331-98	098	SOIL	09-JUN-98 0959	10-JUN-98
806331-99	099	SOIL	09-JUN-98 1000	10-JUN-98
806331-100	100	SOIL	09-JUN-98 1000	10-JUN-98
806331-101	101	SOIL	09-JUN-98 1001	10-JUN-98
806331-102	102	SOIL	09-JUN-98 1001	10-JUN-98
806331-103	103	SOIL	09-JUN-98 1001	10-JUN-98
806331-104	104	SOIL	09-JUN-98 1001	10-JUN-98
806331-105	105	SOIL	09-JUN-98 1002	10-JUN-98
806331-106	106	SOIL	09-JUN-98 1002	10-JUN-98
806331-107	107	SOIL	09-JUN-98 1003	10-JUN-98
806331-108	108	SOIL	09-JUN-98 1003	10-JUN-98

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-01	CHROMIUM (6010A)	MG/KG	15
806331-02	CHROMIUM (6010A)	MG/KG	12
806331-03	CHROMIUM (6010A)	MG/KG	12
806331-04	CHROMIUM (6010A)	MG/KG	16
806331-05	CHROMIUM (6010A)	MG/KG	8.8
806331-06	CHROMIUM (6010A)	MG/KG	14
806331-07	CHROMIUM (6010A)	MG/KG	9.3
806331-08	CHROMIUM (6010A)	MG/KG	7.4
806331-09	CHROMIUM (6010A)	MG/KG	7.9
806331-10	CHROMIUM (6010A)	MG/KG	12
806331-11	CHROMIUM (6010A)	MG/KG	8.2
806331-12	CHROMIUM (6010A)	MG/KG	8.4
806331-13	CHROMIUM (6010A)	MG/KG	11
806331-14	CHROMIUM (6010A)	MG/KG	15
806331-15	CHROMIUM (6010A)	MG/KG	8.2
806331-16	CHROMIUM (6010A)	MG/KG	9.4
806331-17	CHROMIUM (6010A)	MG/KG	12
806331-18	CHROMIUM (6010A)	MG/KG	33
806331-19	CHROMIUM (6010A)	MG/KG	12

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-20	CHROMIUM (6010A)	MG/KG	3.9
806331-21	CHROMIUM (6010A)	MG/KG	3.7
806331-22	CHROMIUM (6010A)	MG/KG	3.2
806331-23	CHROMIUM (6010A)	MG/KG	3.9
806331-24	CHROMIUM (6010A)	MG/KG	11
806331-25	CHROMIUM (6010A)	MG/KG	5.2
806331-26	CHROMIUM (6010A)	MG/KG	6.7
806331-27	CHROMIUM (6010A)	MG/KG	4.6
806331-28	CHROMIUM (6010A)	MG/KG	16
806331-29	CHROMIUM (6010A)	MG/KG	4.7
806331-30	CHROMIUM (6010A)	MG/KG	11
806331-31	CHROMIUM (6010A)	MG/KG	8.0
806331-32	CHROMIUM (6010A)	MG/KG	13
806331-33	CHROMIUM (6010A)	MG/KG	5.8
806331-34	CHROMIUM (6010A)	MG/KG	4.4
806331-35	CHROMIUM (6010A)	MG/KG	4.9
806331-36	CHROMIUM (6010A)	MG/KG	9.2
806331-37	CHROMIUM (6010A)	MG/KG	9.1
806331-38	CHROMIUM (6010A)	MG/KG	8.1

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-39	CHROMIUM (6010A)	MG/KG	7.8
806331-40	CHROMIUM (6010A)	MG/KG	16
806331-41	CHROMIUM (6010A)	MG/KG	19
806331-42	CHROMIUM (6010A)	MG/KG	16
806331-43	CHROMIUM (6010A)	MG/KG	3.5
806331-44	CHROMIUM (6010A)	MG/KG	13
806331-45	CHROMIUM (6010A)	MG/KG	8.4
806331-46	CHROMIUM (6010A)	MG/KG	44
806331-47	CHROMIUM (6010A)	MG/KG	14
806331-48	CHROMIUM (6010A)	MG/KG	13
806331-49	CHROMIUM (6010A)	MG/KG	3.7
806331-50	CHROMIUM (6010A)	MG/KG	5.5
806331-51	CHROMIUM (6010A)	MG/KG	8.4
806331-52	CHROMIUM (6010A)	MG/KG	4.2
806331-53	CHROMIUM (6010A)	MG/KG	6.7
806331-54	CHROMIUM (6010A)	MG/KG	8.4
806331-55	CHROMIUM (6010A)	MG/KG	5.7
806331-56	CHROMIUM (6010A)	MG/KG	7.2
806331-57	CHROMIUM (6010A)	MG/KG	8.1

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-58	CHROMIUM (6010A)	MG/KG	7.2
806331-59	CHROMIUM (6010A)	MG/KG	6.8
806331-60	CHROMIUM (6010A)	MG/KG	6.5
806331-61	CHROMIUM (6010A)	MG/KG	8.1
806331-62	CHROMIUM (6010A)	MG/KG	7.4
806331-63	CHROMIUM (6010A)	MG/KG	4.7
806331-64	CHROMIUM (6010A)	MG/KG	6.8
806331-65	CHROMIUM (6010A)	MG/KG	5.0
806331-66	CHROMIUM (6010A)	MG/KG	9.1
806331-67	CHROMIUM (6010A)	MG/KG	6.6
806331-68	CHROMIUM (6010A)	MG/KG	13
806331-69	CHROMIUM (6010A)	MG/KG	7.4
806331-70	CHROMIUM (6010A)	MG/KG	8.7
806331-71	CHROMIUM (6010A)	MG/KG	7.3
806331-72	CHROMIUM (6010A)	MG/KG	5.7
806331-73	CHROMIUM (6010A)	MG/KG	7.8
806331-74	CHROMIUM (6010A)	MG/KG	7.3
806331-75	CHROMIUM (6010A)	MG/KG	18
806331-76	CHROMIUM (6010A)	MG/KG	10

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-77	CHROMIUM (6010A)	MG/KG	7.0
806331-78	CHROMIUM (6010A)	MG/KG	3.0
806331-79	CHROMIUM (6010A)	MG/KG	10
806331-80	CHROMIUM (6010A)	MG/KG	5.5
806331-81	CHROMIUM (6010A)	MG/KG	7.5
806331-82	CHROMIUM (6010A)	MG/KG	12
806331-83	CHROMIUM (6010A)	MG/KG	11
806331-84	CHROMIUM (6010A)	MG/KG	14
806331-85	CHROMIUM (6010A)	MG/KG	5.9
806331-86	CHROMIUM (6010A)	MG/KG	9.7
806331-87	CHROMIUM (6010A)	MG/KG	10
806331-88	CHROMIUM (6010A)	MG/KG	16
806331-89	CHROMIUM (6010A)	MG/KG	5.6
806331-90	CHROMIUM (6010A)	MG/KG	4.2
806331-91	CHROMIUM (6010A)	MG/KG	5.5
806331-92	CHROMIUM (6010A)	MG/KG	9.5
806331-93	CHROMIUM (6010A)	MG/KG	6.5
806331-94	CHROMIUM (6010A)	MG/KG	4.3
806331-95	CHROMIUM (6010A)	MG/KG	3.8

"Method Report Summary"

Accession Number: 806039
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806331-96	CHROMIUM (6010A)	MG/KG	4.9
806331-97	CHROMIUM (6010A)	MG/KG	5.0
806331-98	CHROMIUM (6010A)	MG/KG	5.4
806331-99	CHROMIUM (6010A)	MG/KG	5.2
806331-100	CHROMIUM (6010A)	MG/KG	8.6
806331-101	CHROMIUM (6010A)	MG/KG	8.4
806331-102	CHROMIUM (6010A)	MG/KG	12
806331-103	CHROMIUM (6010A)	MG/KG	13
806331-104	CHROMIUM (6010A)	MG/KG	8.5
806331-105	CHROMIUM (6010A)	MG/KG	5.8
806331-106	CHROMIUM (6010A)	MG/KG	56
806331-107	CHROMIUM (6010A)	MG/KG	11
806331-108	CHROMIUM (6010A)	MG/KG	11

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Date 06-Jul-98

"Metals Quality Control Report"

Parameter:	CHROMIUM	CHROMIUM	CHROMIUM	CHROMIUM	CHROMIUM	CHROMIUM
Batch Id:	H6S100	H6S101	H6S103	H6S104	H6S105	H6S106
Blank Result:	<1	<1	<1	<1	<1	<1
Anal. Method:	6010A	6010A	6010A	6010A	6010A	6010A
Prep. Method:	3050A	3050A	3050A	3050A	3050A	3050A
Analysis Date:	23-JUN-98	24-JUN-98	27-JUN-98	27-JUN-98	28-JUN-98	29-JUN-98
Prep. Date:	22-JUN-98	23-JUN-98	26-JUN-98	26-JUN-98	26-JUN-98	28-JUN-98
Sample Duplication						
Sample Dup:	806039-1	806039-38	806039-49	806039-77	806039-89	806273-14
Rept Limit:	<1	<1	<1	<1	<1	<1
Sample Result:	180	190	180	180	200	190
Dup Result:	200	200	190	200	200	180
Sample RPD:	11	5	5	11	0	5
Max RPD:	20	20	20	20	20	20
Dry Weight%	N/A	N/A	N/A	N/A	N/A	N/A
Matrix Spike						
Sample Spiked:	806039-1	806039-38	806039-49	806039-77	806039-89	806273-14
Rept Limit:	<1	<1	<1	<1	<1	<1
Sample Result:	15	8.1	3.7	7.0	5.6	12
Spiked Result:	180	190	180	180	200	190
Spike Added:	200	200	200	200	200	200
% Recovery:	83	91	88	87	97	89
% Rec Limits:	75-125	75-125	75-125	75-125	75-125	75-125
Dry Weight%	N/A	N/A	N/A	N/A	N/A	N/A
ICV						
ICV Result:	5.0	5.0	5.0	5.0	5.0	5.1
True Result:	5.0	5.0	5.0	5.0	5.0	5.0
% Recovery:	100	100	100	100	100	102
% Rec Limits:	95-105	95-105	95-105	95-105	95-105	95-105
LCS						
LCS Result:	57.7	56.4	56.4	59.8	58.9	55.1
True Result:	57.6	57.6	57.6	57.6	57.6	57.6
% Recovery:	100	98	98	104	102	96
% Rec Limits:	80-120	77-123	77-123	77-123	77-123	77-123

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Quality Control Report

Analysis: Group of Single Metals

Accession:	806039
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806331
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	METALS

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"Metals Quality Control Report"

Parameter:	CHROMIUM
Batch Id:	HYS097
Blank Result:	<0.5
Anal. Method:	6010A
Prep. Method:	3050A
Analysis Date:	21-JUN-98
Prep. Date:	19-JUN-98

Sample Duplication

Sample Dup:	806041-13
Rept Limit:	<0.5
Sample Result:	210
Dup Result:	200
Sample RPD:	5
Max RPD:	20
Dry Weight%	N/A

Matrix Spike

Sample Spiked:	806041-13
Rept Limit:	<0.5
Sample Result:	2.04
Spiked Result:	210
Spike Added:	200
% Recovery:	104
% Rec Limits:	75-125
Dry Weight%	N/A

ICV

ICV Result:	0.98
True Result:	1.0
% Recovery:	98
% Rec Limits:	95-105

LCS

LCS Result:	61
True Result:	57.6
% Recovery:	106
% Rec Limits:	80-120

----- Common Footnotes Metals -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW THE REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
DISS. OR D = DISSOLVED
T & D = TOTAL AND DISSOLVED
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X THE REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DIGESTION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DIGESTION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE. (DILUTION PRIOR TO ANALYSIS)
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX. (DILUTION PRIOR TO DIGESTION)
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
N/C* = NOT CALCULABLE; SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE AEN REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= THE RELATIVE PERCENT DIFFERENCE (RPD) EXCEEDS THE AEN CONTROL LIMIT AND IS "OUT OF CONTROL; DUE TO A NON-HOMOGENEOUS SAMPLE MATRIX.
J = (FLORIDA DEP 'J' FLAG) - MATRIX SPIKE AND POST SPIKE RECOVERY IS OUT OF THE ACCEPTABLE RANGE. SEE OUT OF CONTROL EVENTS FORM.
U = (FLORIDA DEP 'U' FLAG) - THE COMPOUND WAS ANALYZED FOR, BUT NOT DETECTED.
S = METHOD OF STANDARD ADDITIONS (MSA) WAS PERFORMED ON THIS SAMPLE.

FROM QUALITY CONTROL REPORT:
RPD= RELATIVE PERCENT DEVIATION.
REPT LIMIT= REPORTING LIMIT BASED ON METHOD DETECTION LIMIT STUDIES.

NOTE: ALL RESULTS REPORTED UNDER 'SAMPLE DUPLICATION' ARE THE MS/MSD.

NOTE: THE UNITS REPORTED ON THE QUALITY CONTROL REPORT ARE REPORTED ON AN AS RUN BASIS. (NOT ADJUSTED FOR DRY WEIGHT).

SW-846, 3rd Edition.
EPA 600/4-79-020, Revised March 1983.
NIOSH Manual of Analytical Methods, 4th Edition.
Standard Methods For the Examination of Water and Wastewater, 18th Edition, 1992.
Methods For the Determination of Metals in Environmental Samples - Supplement I, EPA 600/R-94-111, May 1994.

GJ = GARY JACOBS
JLH = JAMES L. HERED
GSP = GARY ST PERE
JL = JANET LECLEAR

American Environmental Network of Florida
PROJECT SAMPLE INSPECTION FORM

Lab Accession #: 806039 Date Received: 10-Jun-98

1. Was there a Chain of Custody? Yes No♣
2. Was Chain of Custody properly filled out and relinquished? Yes No♣
3. Were samples received cold? (Criteria: 2° - 6°C: AEN-SOP 1055) Yes No♣ N/A
4. Were all samples properly labeled and identified? Yes No♣
5. Did samples require splitting? Yes♦ No
   Req By: PM Client Other♦
6. Were samples received in proper containers for analysis requested? Yes No♣
7. Were all sample containers received intact? Yes No♣
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative except VOA vials that require zero headspace)*+ Yes No♣ N/A
9. Is there sufficient volume for analysis requested? Yes No♣
10. Were samples received within Holding Time? (REFER TO AEN-SOP 1040) Yes No♣
11. Is Headspace visible > ¼" in diameter in VOA vials?* If any headspace is evident, comment in out-of-control Yes♣ No N/A
12. If sent, were matrix spike bottles returned? Yes No♣ N/A
13. Was Project Manager notified of problems? (initials:_____) Yes No♣ N/A

Airbill Number(s): 379 9161 563/380 4156 806

Shipped By: FEDEX

Cooler Number(s): Client Coolers

Shipping Charges: N/A

Cooler Weight(s): N/A

Cooler Temp(s) (°C): N/A

(LIST THERMOMETER NUMBER(S) FOR VERIFICATION)

Out of Control Events and Inspection Comments:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: PKE Date: 6/10/98 Logged By: PKE Date: 6/10/98

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form.*

♦ *Note who requested the splitting of samples on the Comment Section of this form.*

\+ *All preservatives for the State of North Carolina, the State of New York, and other requested samples are to be recorded on the sheet provided to record pH results (AEN-SOP 938, section 2.2.9).*

* *According to EPA, ¼" of headspace is allowed in 40 ml vials requiring volatile analysis, however, AEN makes it policy to record any headspace as out-of-control (AEN-SOP 938, section 2.2.12).*

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/9/98 PAGE: 1 OF 12

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

806039

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)		Cr Total	TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806331-01	6/9	900	NAQ	1						X																								
-02		900		2						X																								
-03		901		3						X																								
-04		902		4						X																								
-05		903		5						X																								
-06		904		6						X																								
-07		905		7						X																								
-08		906		8						X																								
-09		906		9						X																								

PROJECT INFORMATION

PROJECT NUMBER: 806331
PROJECT NAME: PNM
QC LEVEL: (STD) IV
QC REQUIRED: MS MSD BLANK
TAT: (STANDARD) RUSH!

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS
CHAIN OF CUSTODY SEALS
INTACT?
RECEIVED GOOD COND./COLD
LAB NUMBER

DUE DATE: 6/23
RUSH SURCHARGE:
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐ YES ☐ NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.
Signature: Francine Torivio Time: 1720
Printed Name: Francine Torivio Date: 6/9/98
Albuquerque

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RELINQUISHED BY: 2.
Signature: Time: PHC
Printed Name: Date: 6/10/98
Company:

RECEIVED BY: (LAB) 2.
Signature: Time: 0825
Printed Name: R. ELSPERMAN Date: 6/10/98
Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/9/98 PAGE: 11 OF 12

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

806039

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)	Cr Total	TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806331-91	6/9	949	NAQ	91					X	X																						
-92		944		92					X	X																						
-93		958		93					X	X																						
-94		959		94					X	X																						
-95		958		95					X	X																						
-96		959		96					X	X																						
-97		959		97					X	X																						
-98		959		98					X	X																						
-99	↓	1000	↓	99					X																							

PROJECT INFORMATION	
PROJECT NUMBER:	806331
PROJECT NAME:	DNM
QC LEVEL:	(STD.) IV
QC REQUIRED:	MS MSD BLANK
TAT:	(STANDARD) RUSH!

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS	
INTACT?	
RECEIVED GOOD COND./COLD	
LAB NUMBER	

DUE DATE: 6/23
RUSH SURCHARGE:
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Francine Torrio Time: 1720	Signature: Time:
Printed Name: Francine Torrio Date: 6/9/98	Printed Name: Date: 6/10/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: 0825
Printed Name: Date:	Printed Name: R.E.Sperman Date: 6/10/98
Company:	Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/9/98 PAGE: 12 OF 12

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

806039

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)		Cr Total	TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806331-100	6/9	1000	NAQ	100						X																							
-101		1001		101						X																							
-102		1001		102						X																							
-103		1001		103						X																							
-104		1001		104						X																							
-105		1002		105						X																							
-106		1002		106						X																							
-107		1003		107						X																							
-108	↓	1003	↓	108						X																							

PROJECT INFORMATION	
PROJECT NUMBER:	806331
PROJECT NAME:	PNM
QC LEVEL:	STD IV
QC REQUIRED:	MS MSD BLANK
TAT:	STANDARD RUSH!

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS	
INTACT?	
RECEIVED GOOD COND./COLD	
LAB NUMBER	

DUE DATE: 6/23
RUSH SURCHARGE:
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Francine Toruro Time: 1720	Signature: Time: PAE
Printed Name: Francine Torivo Date: 6/9/98	Printed Name: Date: 6/10/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Rob Elsperman Time: 0825
Printed Name: Date:	Printed Name: R. ELSPERMAN Date: 6/10/98
Company:	Company: AEN-FL

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 1 OF 9

AEN(NM) Accession #: 806331

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Teraud's

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME 806039

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
A8	6/9/98	9:00	S	01																											X		1
A9		9:00		02																											X		1
B8		901		03																											X		1
B9		902		04																											X		1
C8		903		05																											X		1
C9		904		06																											X		1
D8		905		07																											X		1
D9		906		08																											X		1
E8		906		09																											X		1
E9		908		10																											X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ NAME: Pierson Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y N/A
RECEIVED INTACT	YES
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) [ ] 24hr [ ] 48hr [ ] 72hr [ ] 1 WEEK (NORMAL) X

CERTIFICATION REQUIRED: [ ] NM [ ] SDWA [ ] OTHER

METHANOL PRESERVATION [ ]

COMMENTS: FIXED FEE [ ]

Hexavalent Chromium on top 10% of Total Chromium.
Call Project Manager

RELINQUISHED BY: 1.

Signature: Valda Teraud Time: 1120

Printed Name: Valda Teraud's Date: 6/9/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 11:43

Printed Name: E. Torres Date: 6/9/98

Company: American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 2 OF 9

AEN(NM) Accession #: 806231

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO: Same

COMPANY: 806039

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Cr		NUMBER OF CONTAINERS
F8	6/9/98	909	S	11																											X		1
F9		910		12																											X		1
G8		910		13																											X		1
G9		911		14																											X		1
H8		912		15																											X		1
H9		913		16																											X		1
I8		914		17																											X		1
J8		915		18																											X		1
J9		916		19																											X		1
K8		917		20																											X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ NAME: Person St.

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Y/N
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent chromium on top 10% total Cr, call project manager

RELINQUISHED BY: 1.

Signature: Valda Terauds Time: 1120

Printed Name: Valda Terauds Date: 6/9/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 11:43

Printed Name: Date: 6/9/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

(Continuation Sheet)

PAGE 3 OF 9

CLIENT: PNM Person NPA

P.O. NUMBER

AEN(NM) Accession #: 806331

806039

PARAMETERS: Cr(TOT)

CLIENT SAMPLE ID	LAB ID	DATE AND TIME	MATRIX								BOTTLE TYPE & NO.	NET PRICE
K9	21	6/9/98 9:18	Soil									
A14	22	9:37										
A15	23	9:38										
B14	24	9:38										
B15	25	9:39										
C14	26	9:40										
C15	27	9:41										
D14	28	9:42										
D15	29	9:43										
E14	30	9:44										
E15	31	9:45										
F14	32	9:46										
F15	33	9:46										
G14	34	9:47										
G15	35	9:48										
H14	36	9:49										
H15	37	9:50										
I14	38	9:51										
I15	39	9:52										
J14	40	9:53										
J15	41	9:53										
J15D	42	9:54										
K14	43	9:54										

SAMPLES RELINQUISHED BY (SIGNATURE)	DATE AND TIME	SAMPLES RELINQUISHED BY (SIGNATURE)	DATE AND TIME	REMARKS ON SAMPLE RECEIPT
Valda Tenaros	1120 6/9/98			☐ Bottle Intact ☐ Custody Seals ☐ Preserved ☐ Seals Intact ☐ Chilled ☐ See Remarks
SAMPLES RECEIVED BY (SIGNATURE)	**DATE AND TIME**	**SAMPLES RECEIVED BY (SIGNATURE)**	**DATE AND TIME**	**REMARKS ON SAMPLE RECEIPT**
		Francine Sowa	6/9/98 11:43	☑ Bottle Intact ☑ Custody Seals ☑ Preserved ☑ Seals Intact ☑ Chilled 8.5°C ☐ See Remarks

DISTRIBUTION: White - AEN (NM) Canary - Originator

1/5/98 AEN Inc., American Environmental Network (NM), Inc.

8700-D Pan American Freeway, N.E. • Albuquerque, New Mexico 87107 • (505) 344-3777 • Fax (505) 344-4413

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

(Continuation Sheet)

PAGE 4 OF 9

CLIENT: PNM Person NPA

P.O. NUMBER

AEN(NM) Accession #: 806331

806039

PARAMETERS: Cr (Total)

CLIENT SAMPLE ID	LAB ID	DATE AND TIME	MATRIX							BOTTLE TYPE & NO.	NET PRICE
D14-D	44	6/9/98 9:42	Soil								
K15	45	9:55									
A10	46	8:59									
A11	47	9:00									
B10	48	9:01									
B11	49	902									
C10	50	903									
C11	51	904									
I9	52	914									
D10	53	905									
D11	54	905									
E10	55	906									
E11	56	907									
F10	57	908									
F11	58	909									
G10	59	910									
G11	60	911									
H10	61	912									
H11	62	9:12									
I10	63	9:14									
I11	64	9:14									
J10	65	9:15									
J11	66	9:16									

SAMPLES RELINQUISHED BY (SIGNATURE)	DATE AND TIME	SAMPLES RELINQUISHED BY (SIGNATURE)	DATE AND TIME	REMARKS ON SAMPLE RECEIPT
Valda Travis	1120 6/9/98			☐ Bottle Intact ☐ Custody Seals ☐ Preserved ☐ Seals Intact ☐ Chilled ☐ See Remarks
SAMPLES RECEIVED BY (SIGNATURE)	**DATE AND TIME**	**SAMPLES RECEIVED BY (SIGNATURE)**	**DATE AND TIME**	**REMARKS ON SAMPLE RECEIPT**
		Francine Duro	6/9/98 11:43	☐ Bottle Intact ☑ Custody Seals ☐ Preserved ☐ Seals Intact ☑ Chilled 8.5°C ☐ See Remarks

DISTRIBUTION: White - AEN (NM), Canary - Originator

2709-D San Mateo Blvd. NE • Albuquerque, New Mexico 87107 • (505) 344-3777 • Fax (505) 344-4413

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 5 OF 9

AEN (NM) ACCESS ID #: 806331

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terrauds

COMPANY: PNM

ADDRESS: Alvarado Square MS0405
Albuquerque NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO: SAME 806039

COMPANY:

ADDRESS:

ANALYSIS REQUESTED

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
E12	6/9/98	945	S	67																											X		
E13		945		68																											X		
F12		946		69																											X		
F13		947		70																											X		
G12		948		71																											X		
G13		949		72																											X		
H12		950		73																											X		
H13		950		74																											X		
I12		951		75																											X		
I13		952		76																											X		

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	0/N/NA
RECEIVED INTACT	Yes
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10% of Total Chromium. Call Project Manager

RELINQUISHED BY: 1

Signature: Valda Terrauds Time: 1120

Printed Name: Valda Terrauds Date: 6/9/98

Company: PNM

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2

Signature: Time:

Printed Name: Date

Company:

RECEIVED BY: (LAB) 2

Signature: Nancine Lorero Time: 11:43

Printed Name: E. Lorero Date: 6/9/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 6 OF 9

AEN (NM) Accession #: 80623

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Teravuds

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME 806039

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium	NUMBER OF CONTAINERS
K10	6/9/98	917	S	77																											X	1
K11		918		78																											X	1
A12		937		79																											X	1
A13		938		80																											X	1
B12		939		81																											X	1
B13		939		82																											X	1
C12		940		83																											X	1
C13		941		84																											X	1
D12		942		85																											X	1
D13		943		86																											X	1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Pierson Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	YES
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) X

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10% of Total Chromium. Call Project Manager

RELINQUISHED BY: 1.

Signature: Valda Teravuds Time: 1120

Printed Name: Valda Teravuds Date: 6/9/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 11:43

Printed Name: Date: 6/9/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 7 OF 9

AEN(NM) Accession # 806331

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terrands

COMPANY: PNM

ADDRESS: Alvarado Square - MS0408
Albuquerque, NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME 806039

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium	NUMBER OF CONTAINERS
J12	6/9/98	952	S	881																											X	1
J13		953		882																											X	1
K12		954		883																											X	1
K13		955		884																											X	1
G13-D		949		885																											X	1
C12-D		944		886																											X	1
E16		958		887																											X	1
E16-D		959		888																											X	1
E17		958		889																											X	1
F16		959		890																											X	1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Parson station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	YES
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☑

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent chromium on top
10% of Total Cr.
call Project Manager.

RELINQUISHED BY: 1

Signature: Valda Terrands Time: 1120

Printed Name: Valda Terrand Date: 6/9/98

Company: PNM

RELINQUISHED BY: 2

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: Suncine Smith Time: 1143

Printed Name: T. Torrio Date: 6/9/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 8 OF 9

AEN(NM) Accession #: 806033

SHADED AREAS ARE FOR LAB USE ONLY

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PROJECT MANAGER: Valda Terauds

COMPANY: Public Service Co. of NM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: 241-2074 6526

FAX: 241-2346

BILL TO: Same

COMPANY: 806039

ADDRESS:

ANALYSIS REQUESTED

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Cr Total		NUMBER OF CONTAINERS
F17	6/9/98	959	S	99																											X		1
F17-D		959		98																											X		1
G16		1000		99																											X		1
G17		1000		100																											X		1
H16		1001		101																											X		1
H17		1001		102																											X		1
I16		1001		103																											X		1
I17		1001		104																											X		1
J16		1002		105																											X		1
J17		10:02		106																											X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person Stn.

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	YES
BLUE ICE/ICE	8.6°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) X

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top
10% of total Cr.
Call project mgr.

RELINQUISHED BY: 1

Signature: Valda Terauds Time: 1120

Printed Name: Valda Terauds Date: 6/9/98

Company: PNM

RELINQUISHED BY: 2

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: Marcine Irwin Time: 11:43

Printed Name: E. Tonnio Date: 6/9/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 9 OF 9

AEN (NM) Accession #: 806033

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: PNM

ADDRESS: Alvarado Square - MS0408
Albuquerque NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME 806033

ADDRESS:

ANALYSIS REQUESTED

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
K16	6/9/98	1003	S	107																											X		
K17	"	1003	"	108																													

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Pressure Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	2
CUSTODY SEAL	Y N NA
RECEIVED INTACT	Yes
BLUE ICE/ICE	8.5c

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ✓

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top
10% of Total Chromium.
Call Project Manager.

RELINQUISHED BY: 1.

Signature: Valda Terauds Time: 1120

Printed Name: Valda Terauds Date: 6/9/98

Company: PNM

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Marcine Jones Time: 11:43

Printed Name: R. Tomm Date: 6/9/98

Company: American Environmental Network (NM), Inc.

Committed To *Your* Success

Severn Trent Laboratories
11 East Olive Road
Pensacola FL 32514
Tel: (850) 474-1001
Fax: (850) 474-4789

SIGNATURE PAGE

Reviewed by: YM Patrick
AEN Project Manager

Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
ALBUQUERQUE, NEW MEXICO

Project Name: PUBLIC SERVICE COMPANY
Project Number: 806331
Project Location: PERSON STATION
Accession Number: 807131

Project Manager: KIMBERLY D. MCNEILL
Sampled By: N/S

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: Group of Single Wetchem

Accession:	807131
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806331
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	WET CHEM

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807131
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-01			Lab ID: 001		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-04			Lab ID: 002		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-14			Lab ID: 003		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-18			Lab ID: 004		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-28			Lab ID: 005		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-40			Lab ID: 006		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-41			Lab ID: 007		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807131
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806331-42			Lab ID: 008		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-46			Lab ID: 009		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-75			Lab ID: 010		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-88			Lab ID: 011		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					
Client ID: 806331-106			Lab ID: 012		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS014	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807131
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806331
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem

Client ID:	Lab Matrix: ID:	Date/Time Sampled:	Date Received:
806331-01	001 SOIL	09-JUN-98 0900	10-JUL-98
806331-04	002 SOIL	09-JUN-98 0902	10-JUL-98
806331-14	003 SOIL	09-JUN-98 0911	10-JUL-98
806331-18	004 SOIL	09-JUN-98 0915	10-JUL-98
806331-28	005 SOIL	09-JUN-98 0942	10-JUL-98
806331-40	006 SOIL	09-JUN-98 0953	10-JUL-98
806331-41	007 SOIL	09-JUN-98 0953	10-JUL-98
806331-42	008 SOIL	09-JUN-98 0954	10-JUL-98
806331-46	009 SOIL	09-JUN-98 0859	10-JUL-98
806331-75	010 SOIL	09-JUN-98 0951	10-JUL-98
806331-88	011 SOIL	09-JUN-98 0953	10-JUL-98
806331-106	012 SOIL	09-JUN-98 1002	10-JUL-98

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Rd Pensacola, FL 32514 (850) 474-1001

Data Qualifiers for Final Report

AEN-Pensacola Inorganic/Organic

@	Adjusted reporting limit due to sample matrix (dilution prior to digestion and/or analysis)
+	Elevated reporting limit due to dilution into calibration range
*	Elevated reporting limit due to matrix interference (dilution prior to digestion and/or analysis)
#	Elevated reporting limit due to insufficient sample size
D	Diluted out
J5	The reported value is quantitated as a TIC; therefore, it is estimated
ND = Not Detected	N/S = Not Submitted N/A = Not Applicable

Florida Projects Inorganic/Organic

Y1	Improper preservation, no preservative present in sample upon receipt
Y2	Improper preservation, incorrect preservative present in sample upon receipt
Y3	Improper preservation, sample temperature exceeded EPA temperature limits of 2-6°C upon receipt
Y (FL description)	The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Q	Sample held beyond the accepted holding time
I	The reported value is < Laboratory RL and > laboratory MDL
U1	The reported value is ≤ Laboratory MDL (value for sample result is reported as the MDL)
U (FL description)	Indicates the compound was analyzed for but not detected.
T	The reported value is < Laboratory MDL (value shall not be used for statistical analysis)
V	The analyte was detected in both the sample and the associated method blank.
J1	Surrogate recovery limits have been exceeded
J2	The sample matrix interfered with the ability to make any accurate determinations
J3	The reported value failed to meet the established quality control criteria for either precision or accuracy
J (FL description)	Estimated value; not accurate.

AFCEE Projects (under QAPP) and All Other (AEN-PN) Projects/Sites for Inorganic/Organic Parameters

J4	(For positive results) Temperature limits exceeded (≤2°C or ≥ 6°C)
J (AFCEE description)	The analyte was positively identified, the quantitation is an estimation
R1	(For nondetects) Temperature limits exceeded (≤2°C or ≥ 6°C)
R2	Improper preservation, no preservative present in sample upon receipt
R3	Improper preservation, incorrect preservative present in sample upon receipt
R4	Holding time exceeded
R5	Collection requirements not met, improper container used for sample
R (AFCEE description)	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
F	< RL and > laboratory MDL
F (AFCEE description)	The analyte was positively identified but the associated numerical value is below the AFCEE or lab RL
U2	≤ Laboratory MDL (value for result will be the MDL, never below the MDL)
U (AFCEE description)	The analyte was analyzed for but not detected. The associated numerical value is at or below the MDL
B (AFCEE description)	The analyte was found in the associated blank, as well as in the sample

ICR Projects Inorganic/Organic

A	Acceptable
R6	Rejected

Examples: ICR Flags

R6 = Laboratory extracted the sample but the refrigerator malfunctioned so the extract became warm and client was notified

R6 = Sample arrived in laboratory in good condition; however, the laboratory did not analyze it within EPA's established holding time limit.

CLP and CLP-like Projects

Refer to referenced CLP Statement of Work (SOW) for explanation of data qualifiers

IDL = Laboratory Instrument Detection Limit
MDL = Laboratory Method Detection Limit
RL = Reporting Limit (AFCEE RLs are listed in the AFCEE QAPP)
CLP CRDL = CLP Contract Required Detection Limit (these limits are listed in the EPA CLP Statement of Work or SOW)
CLP CRQL = CLP Contract Required Quantitation Limit (these limits are listed in the EPA CLP Statement of Work or SOW)

Any time a sample arrives at the laboratory improperly preserved (at improper pH or temperature) or after holding time has expired or prepared or analyzed after holding time, client must be notified in writing (i.e. case narrative).

AEN-Pensacola uses the most current promulgated methods contained in the reference manuals.

"WetChem Quality Control Report"

Parameter:	HEX,CR.
Batch Id:	HCS014
Blank Result:	<0.2
Anal, Method:	7196A
Prep. Method:	N/A
Analysis Date:	07-JUL-98
Prep. Date:	07-JUL-98

Sample Duplication

Sample Dup:	807131-1
Rept Limit:	<0.2
Sample Result:	<0.2
Dup Result:	<0.2
Sample RPD:	N/C
Max RPD:	0.2
Dry Weight%	N/A

Matrix Spike

Sample Spiked:	807131-1
Rept Limit:	<0.2
Sample Result:	<0.2
Spiked Result:	0.58
Spike Added:	0.50
% Recovery:	116
% Rec Limits:	75-125
Dry Weight%	N/A

ICV

ICV Result:	0.63
True Result:	0.60
% Recovery:	105
% Rec Limits:	90-110

LCS

LCS Result:	
True Result:	
% Recovery:	
% Rec Limits:	

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"Quality Control Comments"

Batch Id:	Comments:
HCS014	807132-4,5 was added to the batch on 8-Jul-98.

----- Common Footnotes WetChem -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DISTILLATION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DISTILLATION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE (DILUTION PRIOR DIGESTION AND/OR ANALYSIS).
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX (DILUTION PRIOR TO DIGESTION AND/OR ANALYSIS).
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= SAMPLE AND / OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL". SAMPLE IS NON-HOMOGENEOUS.
(*) = REPORTING LIMITS RAISED DUE TO CLP METHOD NOT REQUIRING A CONCENTRATION STEP FOR CN.
(CA) = SEE CORRECTIVE ACTIONS FORM.
**= MATRIX INTERFERENCE
SW-846, 3rd Edition, latest EPA-approved edition.
EPA 600/4-79-020, Revised March 1983.
STANDARD METHODS, For the Examination of Water and Wastewater, latest EPA-approved edition.
NIOSH Manual of Analytical Methods, 4th Edition.
ANNUAL BOOK OF ASTM STANDARDS, VOLUMES 11.01 and 11.02, latest EPA-approved edition.
METHODS FOR THE DETERMINATION OF INORGANIC SUBSTANCES IN ENVIRONMENTAL SAMPLES, EPA600/R-93/100, AUGUST 1993
METHODS FOR SOIL ANALYSIS, PART 2, CHEMICAL AND MICROBILOGICAL PROPERTIES, 2ND EDITION.
AEN-PN USES THE MOST CURRENT PROMULGATED METHODS FROM THE REFERENCES LISTED ABOVE.

1. COLIFORM. COLIFORM PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE LOGARITHM OF COLONIES PER 100 MLS OF SAMPLE ON DUPLICATE PLATES.
2. PH. PH PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.
3. FLASHPOINT. FLASHPOINT PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.

RPD = RELATIVE PERCENT DIFFERENCE (OR DEVIATION).
RPT LMTS = REPORTING LIMITS BASED ON METHOD DETECTION LIMIT STUDIES.

DPH = DOLLY P. HWANG RB = REBECCA BROWN WH = WENDY HAGGARD
ED = ESTHER DANTIN CR = CYNTHIA ROBERTS AB = AMY BRADLEY
BE = BETTY EVERTON PLD = PAULA L. DOUGHTY JTZ = JONATHAN T. ZIENTARSKI
RH = RICKY HAGENDORFER

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/9/98 PAGE: 1 OF 9

AEN (NM) Accession #: 806331

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Teravds

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
A8	6/9/98	9:00	S	01																											X		1
A9		9:00		02																											X		1
B8		901		03																											X		1
B9		902		04																											X		1
C8		903		05																											X		1
C9		904		06																											X		1
D8		905		07																											X		1
D9		906		08																											X		1
E8		906		09																											X		1
E9		908		10																											X		1

PROJECT INFORMATION	
PROJ. NO.: Natural Pit	
PROJ. NAME: Bisson Station	
P.O. NO.:	
SHIPPED VIA:	
SAMPLE RECEIPT	
NO. CONTAINERS	10
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	YES
BLUE ICE/ICE	8.5°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10% of Total Chromium.
Call Project Manager

RELINQUISHED BY: 1	RELINQUISHED BY: 2
Signature: Valda Teravds Time: 1120	Signature: Time:
Printed Name: Valda Teravds Date: 6/9/98	Printed Name: Date:
Company: PNM	Company:
RECEIVED BY: 1	**RECEIVED BY: (LAB) 2**
Signature: Time:	Signature: Time: 11:43
Printed Name: Date:	Printed Name: L. Torivio Date: 6/9/98
Company:	American Enviromental Network (NM), Inc.

American Environmental Network, Inc.

AEN I.D. 806323

July 22, 1998

Public Service Co of NM
Alvarado Square MS0408
Albuquerque, NM 87158

Project Name/Number: PERSON STATION NATURAL PIT

Attention: Valda Terauds

On **06/08/98**, American Environmental Network (NM) Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by Severn Trent Laboratories (formerly AEN (FL), Inc.), Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (505) 344-4413

American Environmental Network, Inc.

CLIENT : PNM
PROJECT # : NATURAL PIT
PROJECT NAME : PERSON STATION

DATE RECEIVED : 06/08/98
REPORT DATE : 07/22/98

AEN ID: 806323

	AEN ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	806323-01	A-1	NON-AQ	06/08/98
02	806323-02	A-2	NON-AQ	06/08/98
03	806323-03	A-3	NON-AQ	06/08/98
04	806323-04	B-1	NON-AQ	06/08/98
05	806323-05	B-2	NON-AQ	06/08/98
06	806323-06	B-3	NON-AQ	06/08/98
07	806323-07	C-1	NON-AQ	06/08/98
08	806323-08	C-2	NON-AQ	06/08/98
09	806323-09	C-3	NON-AQ	06/08/98
10	806323-10	D-1	NON-AQ	06/08/98
11	806323-11	D-2	NON-AQ	06/08/98
12	806323-12	D-3	NON-AQ	06/08/98
13	806323-13	E-1	NON-AQ	06/08/98
14	806323-14	E-2	NON-AQ	06/08/98
15	806323-15	E-3	NON-AQ	06/08/98
16	806323-16	F-1	NON-AQ	06/08/98
17	806323-17	F-2	NON-AQ	06/08/98
18	806323-18	F-3	NON-AQ	06/08/98
19	806323-19	G-1	NON-AQ	06/08/98
20	806323-20	G-2	NON-AQ	06/08/98
21	806323-21	G-3	NON-AQ	06/08/98
22	806323-22	H-1	NON-AQ	06/08/98
23	806323-23	H-2	NON-AQ	06/08/98
24	806323-24	H-3	NON-AQ	06/08/98
25	806323-25	I-1	NON-AQ	06/08/98
26	806323-26	I-2	NON-AQ	06/08/98
27	806323-27	I-3	NON-AQ	06/08/98
28	806323-28	J-1	NON-AQ	06/08/98
29	806323-29	J-2	NON-AQ	06/08/98
30	806323-30	J-3	NON-AQ	06/08/98
31	806323-31	K-1	NON-AQ	06/08/98
32	806323-32	K-2	NON-AQ	06/08/98
33	806323-33	K-3	NON-AQ	06/08/98
34	806323-34	A-4	NON-AQ	06/08/98
35	806323-35	A-5	NON-AQ	06/08/98
36	806323-36	B-4	NON-AQ	06/08/98
37	806323-37	B-5	NON-AQ	06/08/98
38	806323-38	C-4	NON-AQ	06/08/98
39	806323-39	C-5	NON-AQ	06/08/98
40	806323-40	D-4	NON-AQ	06/08/98
41	806323-41	D-5	NON-AQ	06/08/98

American Environmental Network, Inc.

CLIENT : PNM
PROJECT # : NATURAL PIT
PROJECT NAME : PERSON STATION

DATE RECEIVED : 06/08/98
REPORT DATE : 07/22/98

AEN ID: 806323

	AEN ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
42	806323-42	E-4	NON-AQ	06/08/98
43	806323-43	E-5	NON-AQ	06/08/98
44	806323-44	F-4	NON-AQ	06/08/98
45	806323-45	F-5	NON-AQ	06/08/98
46	806323-46	G-4	NON-AQ	06/08/98
47	806323-47	G-5	NON-AQ	06/08/98
48	806323-48	H-4	NON-AQ	06/08/98
49	806323-49	H-5	NON-AQ	06/08/98
50	806323-50	I-4	NON-AQ	06/08/98
51	806323-51	I-5	NON-AQ	06/08/98
52	806323-52	J-4	NON-AQ	06/08/98
53	806323-53	J-5	NON-AQ	06/08/98
54	806323-54	K-4	NON-AQ	06/08/98
55	806323-55	K-5	NON-AQ	06/08/98
56	806323-56	A-6	NON-AQ	06/08/98
57	806323-57	A-7	NON-AQ	06/08/98
58	806323-58	B-6	NON-AQ	06/08/98
59	806323-59	B-7	NON-AQ	06/08/98
60	806323-60	C-6	NON-AQ	06/08/98
61	806323-61	C-7	NON-AQ	06/08/98
62	806323-62	D-6	NON-AQ	06/08/98
63	806323-63	D-7	NON-AQ	06/08/98
64	806323-64	E-6	NON-AQ	06/08/98
65	806323-65	E-7	NON-AQ	06/08/98
66	806323-66	F-6	NON-AQ	06/08/98
67	806323-67	F-7	NON-AQ	06/08/98
68	806323-68	G-6	NON-AQ	06/08/98
69	806323-69	G-7	NON-AQ	06/08/98
70	806323-70	H-6	NON-AQ	06/08/98
71	806323-71	H-7	NON-AQ	06/08/98
72	806323-72	I-6	NON-AQ	06/08/98
73	806323-73	I-7	NON-AQ	06/08/98
74	806323-74	J-6	NON-AQ	06/08/98
75	806323-75	J-7	NON-AQ	06/08/98
76	806323-76	K-6	NON-AQ	06/08/98
77	806323-77	K-7	NON-AQ	06/08/98

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-01			Lab ID:001		
CHROMIUM (6010A)	MG/KG	18	1.0	H6S090	
Comments:					
Client ID: 806323-02			Lab ID:002		
CHROMIUM (6010A)	MG/KG	41	1.0	H6S090	
Comments:					
Client ID: 806323-03			Lab ID:003		
CHROMIUM (6010A)	MG/KG	29	1.0	H6S090	
Comments:					
Client ID: 806323-04			Lab ID:004		
CHROMIUM (6010A)	MG/KG	8.5	1.0	H6S090	
Comments:					
Client ID: 806323-05			Lab ID:005		
CHROMIUM (6010A)	MG/KG	28	1.0	H6S090	
Comments:					
Client ID: 806323-06			Lab ID:006		
CHROMIUM (6010A)	MG/KG	6.9	1.0	H6S090	
Comments:					
Client ID: 806323-07			Lab ID:007		
CHROMIUM (6010A)	MG/KG	3.5	1.0	H6S090	
Comments:					
Client ID: 806323-08			Lab ID:008		
CHROMIUM (6010A)	MG/KG	55	1.0	H6S090	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-09			Lab ID:009		
CHROMIUM (6010A)	MG/KG	18	1.0	H6S090	
Comments:					
Client ID: 806323-10			Lab ID:010		
CHROMIUM (6010A)	MG/KG	18	1.0	H6S090	
Comments:					
Client ID: 806323-11			Lab ID:011		
CHROMIUM (6010A)	MG/KG	55	1.0	H6S090	
Comments:					
Client ID: 806323-12			Lab ID:012		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S090	
Comments:					
Client ID: 806323-13			Lab ID:013		
CHROMIUM (6010A)	MG/KG	37	1.0	H6S090	
Comments:					
Client ID: 806323-14			Lab ID:014		
CHROMIUM (6010A)	MG/KG	220	1.0	H6S090	
Comments:					
Client ID: 806323-15			Lab ID:015		
CHROMIUM (6010A)	MG/KG	21	1.0	H6S090	
Comments:					
Client ID: 806323-16			Lab ID:016		
CHROMIUM (6010A)	MG/KG	160	1.0	H6S090	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-17			Lab ID:017		
CHROMIUM (6010A)	MG/KG	150	1.0	H6S090	
Comments:					
Client ID: 806323-18			Lab ID:018		
CHROMIUM (6010A)	MG/KG	39	1.0	H6S090	
Comments:					
Client ID: 806323-19			Lab ID:019		
CHROMIUM (6010A)	MG/KG	37	1.0	H6S090	
Comments:					
Client ID: 806323-20			Lab ID:020		
CHROMIUM (6010A)	MG/KG	78	1.0	H6S090	
Comments:					
Client ID: 806323-21			Lab ID:021		
CHROMIUM (6010A)	MG/KG	26	1.0	H6S092	
Comments:					
Client ID: 806323-22			Lab ID:022		
CHROMIUM (6010A)	MG/KG	78	1.0	H6S092	
Comments:					
Client ID: 806323-23			Lab ID:023		
CHROMIUM (6010A)	MG/KG	160	1.0	H6S092	
Comments:					
Client ID: 806323-24			Lab ID:024		
CHROMIUM (6010A)	MG/KG	19	1.0	H6S092	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-25			Lab ID:025		
CHROMIUM (6010A)	MG/KG	25	1.0	H6S092	
Comments:					
Client ID: 806323-26			Lab ID:026		
CHROMIUM (6010A)	MG/KG	120	1.0	H6S092	
Comments:					
Client ID: 806323-27			Lab ID:027		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S092	
Comments:					
Client ID: 806323-28			Lab ID:028		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S092	
Comments:					
Client ID: 806323-29			Lab ID:029		
CHROMIUM (6010A)	MG/KG	280	1.0	H6S092	
Comments:					
Client ID: 806323-30			Lab ID:030		
CHROMIUM (6010A)	MG/KG	23	1.0	H6S092	
Comments:					
Client ID: 806323-31			Lab ID:031		
CHROMIUM (6010A)	MG/KG	28	1.0	H6S092	
Comments:					
Client ID: 806323-32			Lab ID:032		
CHROMIUM (6010A)	MG/KG	4.6	1.0	H6S092	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-41			Lab ID:041		
CHROMIUM (6010A)	MG/KG	6.2	1.0	H6S093	
Comments:					
Client ID: 806323-42			Lab ID:042		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S093	
Comments:					
Client ID: 806323-43			Lab ID:043		
CHROMIUM (6010A)	MG/KG	11	1.0	H6S093	
Comments:					
Client ID: 806323-44			Lab ID:044		
CHROMIUM (6010A)	MG/KG	20	1.0	H6S093	
Comments:					
Client ID: 806323-45			Lab ID:045		
CHROMIUM (6010A)	MG/KG	34	1.0	H6S093	
Comments:					
Client ID: 806323-46			Lab ID:046		
CHROMIUM (6010A)	MG/KG	22	1.0	H6S093	
Comments:					
Client ID: 806323-47			Lab ID:047		
CHROMIUM (6010A)	MG/KG	12	1.0	H6S093	
Comments:					
Client ID: 806323-48			Lab ID:048		
CHROMIUM (6010A)	MG/KG	45	1.0	H6S093	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-33			Lab ID:033		
CHROMIUM (6010A)	MG/KG	4.2	1.0	H6S092	
Comments:					
Client ID: 806323-34			Lab ID:034		
CHROMIUM (6010A)	MG/KG	4.7	1.0	H6S092	
Comments:					
Client ID: 806323-35			Lab ID:035		
CHROMIUM (6010A)	MG/KG	4.2	1.0	H6S092	
Comments:					
Client ID: 806323-36			Lab ID:036		
CHROMIUM (6010A)	MG/KG	7.3	1.0	H6S092	
Comments:					
Client ID: 806323-37			Lab ID:037		
CHROMIUM (6010A)	MG/KG	5.9	1.0	H6S092	
Comments:					
Client ID: 806323-38			Lab ID:038		
CHROMIUM (6010A)	MG/KG	13	1.0	H6S092	
Comments:					
Client ID: 806323-39			Lab ID:039		
CHROMIUM (6010A)	MG/KG	5.4	1.0	H6S092	
Comments:					
Client ID: 806323-40			Lab ID:040		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S092	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-49			Lab ID:049		
CHROMIUM (6010A)	MG/KG	8.6	1.0	H6S093	
Comments:					
Client ID: 806323-50			Lab ID:050		
CHROMIUM (6010A)	MG/KG	10	1.0	H6S093	
Comments:					
Client ID: 806323-51			Lab ID:051		
CHROMIUM (6010A)	MG/KG	10	1.0	H6S093	
Comments:					
Client ID: 806323-52			Lab ID:052		
CHROMIUM (6010A)	MG/KG	23	1.0	H6S093	
Comments:					
Client ID: 806323-53			Lab ID:053		
CHROMIUM (6010A)	MG/KG	28	1.0	H6S093	
Comments:					
Client ID: 806323-54			Lab ID:054		
CHROMIUM (6010A)	MG/KG	47	1.0	H6S093	
Comments:					
Client ID: 806323-55			Lab ID:055		
CHROMIUM (6010A)	MG/KG	4.0	1.0	H6S093	
Comments:					
Client ID: 806323-56			Lab ID:056		
CHROMIUM (6010A)	MG/KG	25	1.0	H6S093	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-57			Lab ID:057		
CHROMIUM (6010A)	MG/KG	23	1.0	H6S093	
Comments:					
Client ID: 806323-58			Lab ID:058		
CHROMIUM (6010A)	MG/KG	4.8	1.0	H6S093	
Comments:					
Client ID: 806323-59			Lab ID:059		
CHROMIUM (6010A)	MG/KG	6.5	1.0	H6S093	
Comments:					
Client ID: 806323-60			Lab ID:060		
CHROMIUM (6010A)	MG/KG	7.4	1.0	H6S093	
Comments:					
Client ID: 806323-61			Lab ID:061		
CHROMIUM (6010A)	MG/KG	9.0	1.0	H6S088	
Comments:					
Client ID: 806323-62			Lab ID:062		
CHROMIUM (6010A)	MG/KG	22	1.0	H6S088	
Comments:					
Client ID: 806323-63			Lab ID:063		
CHROMIUM (6010A)	MG/KG	6.7	1.0	H6S088	
Comments:					
Client ID: 806323-64			Lab ID:064		
CHROMIUM (6010A)	MG/KG	14	1.0	H6S088	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-65			Lab ID:065		
CHROMIUM (6010A)	MG/KG	7.7	1.0	H6S088	
Comments:					
Client ID: 806323-66			Lab ID:066		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S088	
Comments:					
Client ID: 806323-67			Lab ID:067		
CHROMIUM (6010A)	MG/KG	9.7	1.0	H6S088	
Comments:					
Client ID: 806323-68			Lab ID:068		
CHROMIUM (6010A)	MG/KG	18	1.0	H6S088	
Comments:					
Client ID: 806323-69			Lab ID:069		
CHROMIUM (6010A)	MG/KG	19	1.0	H6S088	
Comments:					
Client ID: 806323-70			Lab ID:070		
CHROMIUM (6010A)	MG/KG	30	1.0	H6S088	
Comments:					
Client ID: 806323-71			Lab ID:071		
CHROMIUM (6010A)	MG/KG	15	1.0	H6S088	
Comments:					
Client ID: 806323-72			Lab ID:072		
CHROMIUM (6010A)	MG/KG	28	1.0	H6S088	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-73			Lab ID:073		
CHROMIUM (6010A)	MG/KG	8.3	1.0	H6S088	
Comments:					
Client ID: 806323-74			Lab ID:074		
CHROMIUM (6010A)	MG/KG	41	1.0	H6S088	
Comments:					
Client ID: 806323-75			Lab ID:075		
CHROMIUM (6010A)	MG/KG	16	1.0	H6S088	
Comments:					
Client ID: 806323-76			Lab ID:076		
CHROMIUM (6010A)	MG/KG	29	1.0	H6S088	
Comments:					
Client ID: 806323-77			Lab ID:077		
CHROMIUM (6010A)	MG/KG	4.0	1.0	H6S088	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Id:	Lab Id:	Matrix:	Date/Time Sampled:	Date Received:
806323-01	001	SOIL	08-JUN-98 1052	09-JUN-98
806323-02	002	SOIL	08-JUN-98 1053	09-JUN-98
806323-03	003	SOIL	08-JUN-98 1054	09-JUN-98
806323-04	004	SOIL	08-JUN-98 1059	09-JUN-98
806323-05	005	SOIL	08-JUN-98 1059	09-JUN-98
806323-06	006	SOIL	08-JUN-98 1102	09-JUN-98
806323-07	007	SOIL	08-JUN-98 1105	09-JUN-98
806323-08	008	SOIL	08-JUN-98 1106	09-JUN-98
806323-09	009	SOIL	08-JUN-98 1107	09-JUN-98
806323-10	010	SOIL	08-JUN-98 1107	09-JUN-98
806323-11	011	SOIL	08-JUN-98 1108	09-JUN-98
806323-12	012	SOIL	08-JUN-98 1109	09-JUN-98
806323-13	013	SOIL	08-JUN-98 1113	09-JUN-98
806323-14	014	SOIL	08-JUN-98 1113	09-JUN-98
806323-15	015	SOIL	08-JUN-98 1113	09-JUN-98
806323-16	016	SOIL	08-JUN-98 1115	09-JUN-98
806323-17	017	SOIL	08-JUN-98 1115	09-JUN-98
806323-18	018	SOIL	08-JUN-98 1115	09-JUN-98
806323-19	019	SOIL	08-JUN-98 1245	09-JUN-98
806323-20	020	SOIL	08-JUN-98 1245	09-JUN-98
806323-21	021	SOIL	08-JUN-98 1248	09-JUN-98
806323-22	022	SOIL	08-JUN-98 1246	09-JUN-98
806323-23	023	SOIL	08-JUN-98 1248	09-JUN-98
806323-24	024	SOIL	08-JUN-98 1254	09-JUN-98
806323-25	025	SOIL	08-JUN-98 1249	09-JUN-98
806323-26	026	SOIL	08-JUN-98 1250	09-JUN-98
806323-27	027	SOIL	08-JUN-98 1254	09-JUN-98
806323-28	028	SOIL	08-JUN-98 1251	09-JUN-98
806323-29	029	SOIL	08-JUN-98 1252	09-JUN-98
806323-30	030	SOIL	08-JUN-98 1254	09-JUN-98
806323-31	031	SOIL	08-JUN-98 1255	09-JUN-98
806323-32	032	SOIL	08-JUN-98 1255	09-JUN-98
806323-33	033	SOIL	08-JUN-98 1253	09-JUN-98
806323-34	034	SOIL	08-JUN-98 1308	09-JUN-98
806323-35	035	SOIL	08-JUN-98 1308	09-JUN-98
806323-36	036	SOIL	08-JUN-98 1310	09-JUN-98
806323-37	037	SOIL	08-JUN-98 1310	09-JUN-98
806323-38	038	SOIL	08-JUN-98 1311	09-JUN-98
806323-39	039	SOIL	08-JUN-98 1312	09-JUN-98
806323-40	040	SOIL	08-JUN-98 1313	09-JUN-98
806323-41	041	SOIL	08-JUN-98 1314	09-JUN-98
806323-42	042	SOIL	08-JUN-98 1315	09-JUN-98
806323-43	043	SOIL	08-JUN-98 1316	09-JUN-98
806323-44	044	SOIL	08-JUN-98 1317	09-JUN-98
806323-45	045	SOIL	08-JUN-98 1317	09-JUN-98
806323-46	046	SOIL	08-JUN-98 1319	09-JUN-98
806323-47	047	SOIL	08-JUN-98 1322	09-JUN-98
806323-48	048	SOIL	08-JUN-98 1321	09-JUN-98
806323-49	049	SOIL	08-JUN-98 1320	09-JUN-98
806323-50	050	SOIL	08-JUN-98 1322	09-JUN-98
806323-51	051	SOIL	08-JUN-98 1323	09-JUN-98
806323-52	052	SOIL	08-JUN-98 1324	09-JUN-98
806323-53	053	SOIL	08-JUN-98 1325	09-JUN-98
806323-54	054	SOIL	08-JUN-98 1326	09-JUN-98
806323-55	055	SOIL	08-JUN-98 1326	09-JUN-98
806323-56	056	SOIL	08-JUN-98 1308	09-JUN-98
806323-57	057	SOIL	08-JUN-98 1308	09-JUN-98
806323-58	058	SOIL	08-JUN-98 1309	09-JUN-98

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Id:	Lab Id:	Matrix:	Date/Time Sampled:	Date Received:
806323-59	059	SOIL	08-JUN-98 1310	09-JUN-98
806323-60	060	SOIL	08-JUN-98 1311	09-JUN-98
806323-61	061	SOIL	08-JUN-98 1312	09-JUN-98
806323-62	062	SOIL	08-JUN-98 1313	09-JUN-98
806323-63	063	SOIL	08-JUN-98 1313	09-JUN-98
806323-64	064	SOIL	08-JUN-98 1315	09-JUN-98
806323-65	065	SOIL	08-JUN-98 1315	09-JUN-98
806323-66	066	SOIL	08-JUN-98 1317	09-JUN-98
806323-67	067	SOIL	08-JUN-98 1318	09-JUN-98
806323-68	068	SOIL	08-JUN-98 1321	09-JUN-98
806323-69	069	SOIL	08-JUN-98 1319	09-JUN-98
806323-70	070	SOIL	08-JUN-98 1321	09-JUN-98
806323-71	071	SOIL	08-JUN-98 1321	09-JUN-98
806323-72	072	SOIL	08-JUN-98 1322	09-JUN-98
806323-73	073	SOIL	08-JUN-98 1323	09-JUN-98
806323-74	074	SOIL	08-JUN-98 1324	09-JUN-98
806323-75	075	SOIL	08-JUN-98 1324	09-JUN-98
806323-76	076	SOIL	08-JUN-98 1325	09-JUN-98
806323-77	077	SOIL	08-JUN-98 1326	09-JUN-98

"Method Report Summary"

Accession Number: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806323-01	CHROMIUM (6010A)	MG/KG	18
806323-02	CHROMIUM (6010A)	MG/KG	41
806323-03	CHROMIUM (6010A)	MG/KG	29
806323-04	CHROMIUM (6010A)	MG/KG	8.5
806323-05	CHROMIUM (6010A)	MG/KG	28
806323-06	CHROMIUM (6010A)	MG/KG	6.9
806323-07	CHROMIUM (6010A)	MG/KG	3.5
806323-08	CHROMIUM (6010A)	MG/KG	55
806323-09	CHROMIUM (6010A)	MG/KG	18
806323-10	CHROMIUM (6010A)	MG/KG	18
806323-11	CHROMIUM (6010A)	MG/KG	55
806323-12	CHROMIUM (6010A)	MG/KG	15
806323-13	CHROMIUM (6010A)	MG/KG	37
806323-14	CHROMIUM (6010A)	MG/KG	220
806323-15	CHROMIUM (6010A)	MG/KG	21
806323-16	CHROMIUM (6010A)	MG/KG	160
806323-17	CHROMIUM (6010A)	MG/KG	150
806323-18	CHROMIUM (6010A)	MG/KG	39
806323-19	CHROMIUM (6010A)	MG/KG	37

"Method Report Summary"

Accession Number: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806323-20	CHROMIUM (6010A)	MG/KG	78
806323-21	CHROMIUM (6010A)	MG/KG	26
806323-22	CHROMIUM (6010A)	MG/KG	78
806323-23	CHROMIUM (6010A)	MG/KG	160
806323-24	CHROMIUM (6010A)	MG/KG	19
806323-25	CHROMIUM (6010A)	MG/KG	25
806323-26	CHROMIUM (6010A)	MG/KG	120
806323-27	CHROMIUM (6010A)	MG/KG	16
806323-28	CHROMIUM (6010A)	MG/KG	16
806323-29	CHROMIUM (6010A)	MG/KG	280
806323-30	CHROMIUM (6010A)	MG/KG	23
806323-31	CHROMIUM (6010A)	MG/KG	28
806323-32	CHROMIUM (6010A)	MG/KG	4.6
806323-33	CHROMIUM (6010A)	MG/KG	4.2
806323-34	CHROMIUM (6010A)	MG/KG	4.7
806323-35	CHROMIUM (6010A)	MG/KG	4.2
806323-36	CHROMIUM (6010A)	MG/KG	7.3
806323-37	CHROMIUM (6010A)	MG/KG	5.9
806323-38	CHROMIUM (6010A)	MG/KG	13

"Method Report Summary"

Accession Number: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806323-39	CHROMIUM (6010A)	MG/KG	5.4
806323-40	CHROMIUM (6010A)	MG/KG	15
806323-41	CHROMIUM (6010A)	MG/KG	6.2
806323-42	CHROMIUM (6010A)	MG/KG	11
806323-43	CHROMIUM (6010A)	MG/KG	11
806323-44	CHROMIUM (6010A)	MG/KG	20
806323-45	CHROMIUM (6010A)	MG/KG	34
806323-46	CHROMIUM (6010A)	MG/KG	22
806323-47	CHROMIUM (6010A)	MG/KG	12
806323-48	CHROMIUM (6010A)	MG/KG	45
806323-49	CHROMIUM (6010A)	MG/KG	8.6
806323-50	CHROMIUM (6010A)	MG/KG	10
806323-51	CHROMIUM (6010A)	MG/KG	10
806323-52	CHROMIUM (6010A)	MG/KG	23
806323-53	CHROMIUM (6010A)	MG/KG	28
806323-54	CHROMIUM (6010A)	MG/KG	47
806323-55	CHROMIUM (6010A)	MG/KG	4.0
806323-56	CHROMIUM (6010A)	MG/KG	25
806323-57	CHROMIUM (6010A)	MG/KG	23

"Method Report Summary"

Accession Number: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806323-58	CHROMIUM (6010A)	MG/KG	4.8
806323-59	CHROMIUM (6010A)	MG/KG	6.5
806323-60	CHROMIUM (6010A)	MG/KG	7.4
806323-61	CHROMIUM (6010A)	MG/KG	9.0
806323-62	CHROMIUM (6010A)	MG/KG	22
806323-63	CHROMIUM (6010A)	MG/KG	6.7
806323-64	CHROMIUM (6010A)	MG/KG	14
806323-65	CHROMIUM (6010A)	MG/KG	7.7
806323-66	CHROMIUM (6010A)	MG/KG	15
806323-67	CHROMIUM (6010A)	MG/KG	9.7
806323-68	CHROMIUM (6010A)	MG/KG	18
806323-69	CHROMIUM (6010A)	MG/KG	19
806323-70	CHROMIUM (6010A)	MG/KG	30
806323-71	CHROMIUM (6010A)	MG/KG	15
806323-72	CHROMIUM (6010A)	MG/KG	28
806323-73	CHROMIUM (6010A)	MG/KG	8.3
806323-74	CHROMIUM (6010A)	MG/KG	41
806323-75	CHROMIUM (6010A)	MG/KG	16
806323-76	CHROMIUM (6010A)	MG/KG	29

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"Method Report Summary"

Accession Number: 806024
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Metals

Client Sample Id:	Parameter:	Unit:	Result:
806323-77	CHROMIUM (6010A)	MG/KG	4.0

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Data Qualifiers for Final Report

AEN-Pensacola Inorganic/Organic

@	Adjusted reporting limit due to sample matrix (dilution prior to digestion and/or analysis)
+	Elevated reporting limit due to dilution into calibration range
*	Elevated reporting limit due to matrix interference (dilution prior to digestion and/or analysis)
#	Elevated reporting limit due to insufficient sample size
D	Diluted out
J5	The reported value is quantitated as a TIC; therefore, it is estimated
ND = Not Detected	N/S = Not Submitted N/A = Not Applicable

Florida Projects Inorganic/Organic

Y1	Improper preservation, no preservative present in sample upon receipt
Y2	Improper preservation, incorrect preservative present in sample upon receipt
Y3	Improper preservation, sample temperature exceeded EPA temperature limits of 2-6°C upon receipt
Y (FL description)	The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Q	Sample held beyond the accepted holding time
I	The reported value is < Laboratory RL and > laboratory MDL
U1	The reported value is ≤ Laboratory MDL (value for sample result is reported as the MDL)
U (FL description)	Indicates the compound was analyzed for but not detected.
T	The reported value is < Laboratory MDL (value shall not be used for statistical analysis)
V	The analyte was detected in both the sample and the associated method blank.
J1	Surrogate recovery limits have been exceeded
J2	The sample matrix interfered with the ability to make any accurate determinations
J3	The reported value failed to meet the established quality control criteria for either precision or accuracy
J (FL description)	Estimated value; not accurate.

AFCEE Projects (under QAPP) and All Other (AEN-PN) Projects/Sites for Inorganic/Organic Parameters

J4	(For positive results) Temperature limits exceeded (≤2°C or ≥ 6°C)
J (AFCEE description)	The analyte was positively identified, the quantitation is an estimation
R1	(For nondetects) Temperature limits exceeded (≤2°C or ≥ 6°C)
R2	Improper preservation, no preservative present in sample upon receipt
R3	Improper preservation, incorrect preservative present in sample upon receipt
R4	Holding time exceeded
R5	Collection requirements not met, improper container used for sample
R (AFCEE description)	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
F	< RL and > laboratory MDL
F (AFCEE description)	The analyte was positively identified but the associated numerical value is below the AFCEE or lab RL
U2	≤ Laboratory MDL (value for result will be the MDL, never below the MDL)
U (AFCEE description)	The analyte was analyzed for but not detected. The associated numerical value is at or below the MDL
B (AFCEE description)	The analyte was found in the associated blank, as well as in the sample

ICR Projects Inorganic/Organic

A	Acceptable
R6	Rejected

Examples: ICR Flags

R6 = Laboratory extracted the sample but the refrigerator malfunctioned so the extract became warm and client was notified

R6 = Sample arrived in laboratory in good condition; however, the laboratory did not analyze it within EPA's established holding time limit.

CLP and CLP-like Projects

Refer to referenced CLP Statement of Work (SOW) for explanation of data qualifiers

IDL = Laboratory Instrument Detection Limit
MDL = Laboratory Method Detection Limit
RL = Reporting Limit (AFCEE RLs are listed in the AFCEE QAPP)
CLP CRDL = CLP Contract Required Detection Limit (these limits are listed in the EPA CLP Statement of Work or SOW)
CLP CRQL = CLP Contract Required Quantitation Limit (these limits are listed in the EPA CLP Statement of Work or SOW)

Any time a sample arrives at the laboratory improperly preserved (at improper pH or temperature) or after holding time has expired or prepared or analyzed after holding time, client must be notified in writing (i.e. case narrative).

AEN-Pensacola uses the most current promulgated methods contained in the reference manuals.

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Quality Control Report

Analysis: Group of Single Metals

Accession:	806024
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806323
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	METALS

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"Metals Quality Control Report"

Parameter:	CHROMIUM	CHROMIUM	CHROMIUM	CHROMIUM
Batch Id:	H6S090	H6S092	H6S093	H6S088
Blank Result:	<1	<1	<1	<1
Anal. Method:	6010A	6010A	6010A	6010A
Prep. Method:	3050A	3050A	3050A	3050A
Analysis Date:	19-JUN-98	19-JUN-98	19-JUN-98	17-JUN-98
Prep. Date:	16-JUN-98	17-JUN-98	17-JUN-98	16-JUN-98
Sample Duplication				
Sample Dup:	806024-1	806024-34	806024-48	806024-6
Rept Limit:	<1	<1	<1	<1
Sample Result:	210	200	240	190
Dup Result:	210	190	240	200
Sample RPD:	0	5	0	5
Max RPD:	20	20	20	20
Dry Weight%	N/A	N/A	N/A	N/A
Matrix Spike				
Sample Spiked:	806024-1	806024-34	806024-48	806024-6
Rept Limit:	<1	<1	<1	<1
Sample Result:	18	4.7	45	9.0
Spiked Result:	210	200	240	190
Spike Added:	200	200	200	200
% Recovery:	96	98	98	91
% Rec Limits:	75-125	75-125	75-125	75-125
Dry Weight%	N/A	N/A	N/A	N/A
ICV				
ICV Result:	5.0	5.0	5.0	5.0
True Result:	5.0	5.0	5.0	5.0
% Recovery:	100	100	100	100
% Rec Limits:	95-105	95-105	95-105	95-105
LCS				
LCS Result:	50.4	56.3	62.4	66.8
True Result:	57.6	57.6	57.6	57.6
% Recovery:	88	98	108	116
% Rec Limits:	77-123	77-123	77-123	80-120

----- Common Footnotes Metals -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW THE REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
DISS. OR D = DISSOLVED
T & D = TOTAL AND DISSOLVED
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X THE REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DIGESTION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DIGESTION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE. (DILUTION PRIOR TO ANALYSIS)
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX. (DILUTION PRIOR TO DIGESTION)
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
N/C* = NOT CALCULABLE; SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE AEN REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= THE RELATIVE PERCENT DIFFERENCE (RPD) EXCEEDS THE AEN CONTROL LIMIT AND IS "OUT OF CONTROL; DUE TO A NON-HOMOGENEOUS SAMPLE MATRIX.
J = (FLORIDA DEP 'J' FLAG) - MATRIX SPIKE AND POST SPIKE RECOVERY IS OUT OF THE ACCEPTABLE RANGE. SEE OUT OF CONTROL EVENTS FORM.
U = (FLORIDA DEP 'U' FLAG) - THE COMPOUND WAS ANALYZED FOR, BUT NOT DETECTED.
S = METHOD OF STANDARD ADDITIONS (MSA) WAS PERFORMED ON THIS SAMPLE.

FROM QUALITY CONTROL REPORT:
RPD= RELATIVE PERCENT DEVIATION.
REPT LIMIT= REPORTING LIMIT BASED ON METHOD DETECTION LIMIT STUDIES.

NOTE: ALL RESULTS REPORTED UNDER 'SAMPLE DUPLICATION' ARE THE MS/MSD.

NOTE: THE UNITS REPORTED ON THE QUALITY CONTROL REPORT ARE REPORTED ON AN AS RUN BASIS. (NOT ADJUSTED FOR DRY WEIGHT).

SW-846, 3rd Edition.
EPA 600/4-79-020, Revised March 1983.
NIOSH Manual of Analytical Methods, 4th Edition.
Standard Methods For the Examination of Water and Wastewater, 18th Edition, 1992.
Methods For the Determination of Metals in Environmental Samples - Supplement I, EPA 600/R-94-111, May 1994.

GJ = GARY JACOBS
GSP = GARY ST PERE
JLH = JAMES L. HERED
JL = JANET LECLEAR

American Environmental Network of Florida

PROJECT SAMPLE INSPECTION FORM

Lab Accession #: 806024 Date Received: 09-Jun-98

1. Was there a Chain of Custody? (Yes) No♣
2. Was Chain of Custody properly filled out and relinquished? (Yes) No♣
3. Were samples received cold? (Criteria: 2° - 6°C: AEN-SOP 1055) Yes No♣ (N/A)
4. Were all samples properly labeled and identified? (Yes) No♣
5. Did samples require splitting? Yes♦ (No)
   Req By: PM Client Other♦
6. Were samples received in proper containers for analysis requested? (Yes) No♣
7. Were all sample containers received intact? (Yes) No♣
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative except VOA vials that require zero headspace)*+ Yes No♣ (N/A)
9. Is there sufficient volume for analysis requested? (Yes) No♣
10. Were samples received within Holding Time? (REFER TO AEN-SOP 1040) (Yes) No♣
11. Is Headspace visible > ¼" in diameter in VOA vials?* If any headspace is evident, comment in out-of-control Yes♣ No (N/A)
12. If sent, were matrix spike bottles returned? Yes No♣ (N/A)
13. Was Project Manager notified of problems? (initials:_____) Yes No♣ (N/A)

Airbill Number(s): 379 8953 234
379 8953 505

Shipped By: FEDEX

Cooler Number(s): Client Coolers

Shipping Charges: N/A

Cooler Weight(s): N/A

Cooler Temp(s) (°C): N/A

(LIST THERMOMETER NUMBER(S) FOR VERIFICATION)

Out of Control Events and Inspection Comments:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: PE Date: 6/9/98 Logged By: PE Date: 6/9/98

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form.*

♦ *Note who requested the splitting of samples on the Comment Section of this form.*

\+ *All preservatives for the State of North Carolina, the State of New York, and other requested samples are to be recorded on the sheet provided to record pH results (AEN-SOP 938, section 2.2.9).*

* *According to EPA, ¼" of headspace is allowed in 40 ml vials requiring volatile analysis, however, AEN makes it policy to record any headspace as out-of-control (AEN-SOP 938, section 2.2.12).*

Committed To *Your* Success

Severn Trent Laboratories
11 East Olive Road
Pensacola FL 32514

Tel: (850) 474-1001
Fax: (850) 474-4789

SIGNATURE PAGE

Reviewed by: LM Patrick
AEN Project Manager

Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC. ALBUQUERQUE, NEW MEXICO
Project Name:	PUBLIC SERVICE COMPANY
Project Number:	806323
Project Location:	PERSON STATION
Accession Number:	807134
Project Manager:	KIMBERLY D. MCNEILL
Sampled By:	N/S

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: Group of Single Wetchem

Accession:	807134
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806323
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	WET CHEM

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807134
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-14			Lab ID: 001		
HEXAVALENT CHROME (7196A) E-2	MG/KG	ND	0.2	HCS013	
Comments:					
Client ID: 806323-16			Lab ID: 002		
HEXAVALENT CHROME (7196A) F-1	MG/KG	ND	0.2	HCS013	
Comments:					
Client ID: 806323-17			Lab ID: 003		
HEXAVALENT CHROME (7196A) F2	MG/KG	2.2	0.4	HCS013	@
Comments:					
Client ID: 806323-20			Lab ID: 004		
HEXAVALENT CHROME (7196A) G2	MG/KG	ND	0.2	HCS013	
Comments:					
Client ID: 806323-22			Lab ID: 005		
HEXAVALENT CHROME (7196A) H1	MG/KG	ND	0.2	HCS013	
Comments:					
Client ID: 806323-23			Lab ID: 006		
HEXAVALENT CHROME (7196A) H2	MG/KG	ND	0.2	HCS013	
Comments:					
Client ID: 806323-26			Lab ID: 007		
HEXAVALENT CHROME (7196A) I2	MG/KG	ND	0.2	HCS013	
Comments:					

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807134
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 806323-29			Lab ID: 008		
HEXAVALENT CHROME (7196A)	MG/KG	ND	0.2	HCS013	

Comments:

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 807134
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem

Client ID:	Lab ID:	Matrix:	Date/Time Sampled:	Date Received:
806323-14	001	SOIL	08-JUL-98 1113	09-JUN-98
806323-16	002	SOIL	08-JUL-98 1115	09-JUN-98
806323-17	003	SOIL	08-JUL-98 1115	09-JUN-98
806323-20	004	SOIL	08-JUL-98 1245	09-JUN-98
806323-22	005	SOIL	08-JUL-98 1246	09-JUN-98
806323-23	006	SOIL	08-JUL-98 1248	09-JUN-98
806323-26	007	SOIL	08-JUL-98 1250	09-JUN-98
806323-29	008	SOIL	08-JUL-98 1252	09-JUN-98

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"Method Report Summary"

Accession Number: 807134
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 806323
Project Name: PUBLIC SERVICE COMPANY
Project Location: PERSON STATION
Test: Group of Single Wetchem

Client Sample Id:	Parameter:	Unit:	Result:
806323-17	HEXAVALENT CHROME (7196A)	MG/KG	2.2

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Rd Pensacola, FL 32514 (850) 474-1001

Data Qualifiers for Final Report

AEN-Pensacola Inorganic/Organic

@	Adjusted reporting limit due to sample matrix (dilution prior to digestion and/or analysis)
+	Elevated reporting limit due to dilution into calibration range
*	Elevated reporting limit due to matrix interference (dilution prior to digestion and/or analysis)
#	Elevated reporting limit due to insufficient sample size
D	Diluted out
J5	The reported value is quantitated as a TIC; therefore, it is estimated
ND = Not Detected	N/S = Not Submitted N/A = Not Applicable

Florida Projects Inorganic/Organic

Y1	Improper preservation, no preservative present in sample upon receipt
Y2	Improper preservation, incorrect preservative present in sample upon receipt
Y3	Improper preservation, sample temperature exceeded EPA temperature limits of 2-6°C upon receipt
Y (FL description)	The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Q	Sample held beyond the accepted holding time
I	The reported value is < Laboratory RL and > laboratory MDL
U1	The reported value is ≤ Laboratory MDL (value for sample result is reported as the MDL)
U (FL description)	Indicates the compound was analyzed for but not detected.
T	The reported value is < Laboratory MDL (value shall not be used for statistical analysis)
V	The analyte was detected in both the sample and the associated method blank.
J1	Surrogate recovery limits have been exceeded
J2	The sample matrix interfered with the ability to make any accurate determinations
J3	The reported value failed to meet the established quality control criteria for either precision or accuracy
J (FL description)	Estimated value; not accurate.

AFCEE Projects (under QAPP) and All Other (AEN-PN) Projects/Sites for Inorganic/Organic Parameters

J4	(For positive results) Temperature limits exceeded (≤2°C or ≥ 6°C)
J (AFCEE description)	The analyte was positively identified, the quantitation is an estimation
R1	(For nondetects) Temperature limits exceeded (≤2°C or ≥ 6°C)
R2	Improper preservation, no preservative present in sample upon receipt
R3	Improper preservation, incorrect preservative present in sample upon receipt
R4	Holding time exceeded
R5	Collection requirements not met, improper container used for sample
R (AFCEE description)	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
F	< RL and > laboratory MDL
F (AFCEE description)	The analyte was positively identified but the associated numerical value is below the AFCEE or lab RL
U2	≤ Laboratory MDL (value for result will be the MDL, never below the MDL)
U (AFCEE description)	The analyte was analyzed for but not detected. The associated numerical value is at or below the MDL
B (AFCEE description)	The analyte was found in the associated blank, as well as in the sample

ICR Projects Inorganic/Organic

A	Acceptable
R6	Rejected

Examples: ICR Flags

R6 = Laboratory extracted the sample but the refrigerator malfunctioned so the extract became warm and client was notified

R6 = Sample arrived in laboratory in good condition; however, the laboratory did not analyze it within EPA's established holding time limit.

CLP and CLP-like Projects

Refer to referenced CLP Statement of Work (SOW) for explanation of data qualifiers

IDL = Laboratory Instrument Detection Limit
MDL = Laboratory Method Detection Limit
RL = Reporting Limit (AFCEE RLs are listed in the AFCEE QAPP)
CLP CRDL = CLP Contract Required Detection Limit (these limits are listed in the EPA CLP Statement of Work or SOW)
CLP CRQL = CLP Contract Required Quantitation Limit (these limits are listed in the EPA CLP Statement of Work or SOW)

Any time a sample arrives at the laboratory improperly preserved (at improper pH or temperature) or after holding time has expired or prepared or analyzed after holding time, client must be notified in writing (i.e. case narrative).

AEN-Pensacola uses the most current promulgated methods contained in the reference manuals.

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Quality Control Report

Analysis: Group of Single Wetchem

Accession:	807134
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	806323
Project Name:	PUBLIC SERVICE COMPANY
Project Location:	PERSON STATION
Department:	WET CHEM

AMERICAN ENVIRONMENTAL NETWORK 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"WetChem Quality Control Report"

Parameter:	HEX,CR.
Batch Id:	HCS013
Blank Result:	<0.2
Anal. Method:	7196A
Prep. Method:	NA
Analysis Date:	30-JUN-98
Prep. Date:	30-JUN-98

Sample Duplication

Sample Dup:	807134-1
Rept Limit:	<0.2
Sample Result:	<0.2
Dup Result:	<0.2
Sample RPD:	N/C
Max RPD:	0.2
Dry Weight%	N/A

Matrix Spike

Sample Spiked:	807134-2
Rept Limit:	<0.2
Sample Result:	<0.2
Spiked Result:	0.61
Spike Added:	0.50
% Recovery:	122
% Rec Limits:	75-125
Dry Weight%	N/A

ICV

ICV Result:	0.66
True Result:	0.60
% Recovery:	110
% Rec Limits:	90-110

LCS

LCS Result:	
True Result:	
% Recovery:	
% Rec Limits:	

----- Common Footnotes WetChem -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DISTILLATION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DISTILLATION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE (DILUTION PRIOR DIGESTION AND/OR ANALYSIS).
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX (DILUTION PRIOR TO DIGESTION AND/OR ANALYSIS).
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= SAMPLE AND / OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL". SAMPLE IS NON-HOMOGENEOUS.
(*) = REPORTING LIMITS RAISED DUE TO CLP METHOD NOT REQUIRING A CONCENTRATION STEP FOR CN.
(CA) = SEE CORRECTIVE ACTIONS FORM.
**= MATRIX INTERFERENCE
SW-846, 3rd Edition, latest EPA-approved edition.
EPA 600/4-79-020, Revised March 1983.
STANDARD METHODS, For the Examination of Water and Wastewater, latest EPA-approved edition.
NIOSH Manual of Analytical Methods, 4th Edition.
ANNUAL BOOK OF ASTM STANDARDS, VOLUMES 11.01 and 11.02, latest EPA-approved edition.
METHODS FOR THE DETERMINATION OF INORGANIC SUBSTANCES IN ENVIRONMENTAL SAMPLES, EPA600/R-93/100, AUGUST 1993
METHODS FOR SOIL ANALYSIS, PART 2, CHEMICAL AND MICROBILOGICAL PROPERTIES, 2ND EDITION.
AEN-PN USES THE MOST CURRENT PROMULGATED METHODS FROM THE REFERENCES LISTED ABOVE.

1. COLIFORM. COLIFORM PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE LOGARITHM OF COLONIES PER 100 MLS OF SAMPLE ON DUPLICATE PLATES.
2. PH. PH PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.
3. FLASHPOINT. FLASHPOINT PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.

RPD = RELATIVE PERCENT DIFFERENCE (OR DEVIATION).
RPT LMTS = REPORTING LIMITS BASED ON METHOD DETECTION LIMIT STUDIES.

DPH = DOLLY P. HWANG RB = REBECCA BROWN WH = WENDY HAGGARD
ED = ESTHER DANTIN CR = CYNTHIA ROBERTS AB = AMY BRADLEY
BE = BETTY EVERTON PLD = PAULA L. DOUGHTY JTZ = JONATHAN T. ZIENTARSKI
RH = RICKY HAGENDORFER

American Environmental Network of Florida

PROJECT SAMPLE INSPECTION FORM

Lab Accession #: ~~806024~~ 807134 PHE 7/7/98 Date Received: 09-Jun-98

1. Was there a Chain of Custody? (Yes) No*
2. Was Chain of Custody properly filled out and relinquished? (Yes) No*
3. Were samples received cold? (Criteria: 2° - 6°C: AEN-SOP 1055) Yes No* (N/A)
4. Were all samples properly labeled and identified? (Yes) No*
5. Did samples require splitting? Yes* (No)
   Req By: PM Client Other*
6. Were samples received in proper containers for analysis requested? (Yes) No*
7. Were all sample containers received intact? (Yes) No*
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative except VOA vials that require zero headspace)*+ Yes No* (N/A)
9. Is there sufficient volume for analysis requested? (Yes) No*
10. Were samples received within Holding Time? (REFER TO AEN-SOP 1040) (Yes) No*
11. Is Headspace visible > ¼" in diameter in VOA vials?* If any headspace is evident, comment in out-of-control Yes* No (N/A)
12. If sent, were matrix spike bottles returned? Yes No* (N/A)
13. Was Project Manager notified of problems? (initials:_____) Yes No* (N/A)

Airbill Number(s): 379 8953 234
379 8953 505

Shipped By: FEDEX

Cooler Number(s): Client Coolers

Shipping Charges: N/A

Cooler Weight(s): N/A

Cooler Temp(s) (°C): N/A

(LIST THERMOMETER NUMBER(S) FOR VERIFICATION)

Out of Control Events and Inspection Comments:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: PHE Date: 6/9/98 Logged By: PHE Date: 6/9/98

* *Note all Out-of-Control and/or questionable events on Comment Section of this form.*

* *Note who requested the splitting of samples on the Comment Section of this form.*

\+ *All preservatives for the State of North Carolina, the State of New York, and other requested samples are to be recorded on the sheet provided to record pH results (AEN-SOP 938, section 2.2.9).*

* *According to EPA, ¼" of headspace is allowed in 40 ml vials requiring volatile analysis, however, AEN makes it policy to record any headspace as out-of-control (AEN-SOP 938, section 2.2.12).*

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody 806024

DATE: 6/8/98 PAGE: 1 OF 69

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Hexavalent Chromium to be performed on top 10% of total Cr 807134 7/7/98 PKE
Please call if questions ~~806024~~

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)	Cr Total	TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-01	6/8/98	1052	NON AQ	1					X																							
-02		1053		2																												
-03		1054		3																												
-04		1059		4																												
-05		1059		5																												
-06		1102		6																												
-07		1105		7																												
-08		1106		8																												
-09		1107		9																												

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	
PROJECT NUMBER: 806323	TOTAL NUMBER OF CONTAINERS	CONNECTICUT	
PROJECT NAME: PNM- Person	CHAIN OF CUSTODY SEALS	ILLINOIS	
QC LEVEL: (STD) IV	INTACT?	MASSACHUSETTS	
QC REQUIRED: MS MSD BLANK	RECEIVED GOOD COND./COLD	PENSACOLA	X
TAT: (STANDARD) RUSH!	LAB NUMBER	PORTLAND	
		PHOENIX	
		N.CAROLINA	

DUE DATE: 6/22
RUSH SURCHARGE: 9
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: [illegible] Time: 3P	Signature: Time: PKE
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: [illegible] Time: 0815
Printed Name: Date:	Printed Name: R.E. Stelman Date: 6/9/98
Company:	Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 2 OF 29

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PAE 7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - ~~Cr~~ total Cr	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-10	6/8/98	1107	Non Aq	10	X																													
-11		1108		11																														
-12		1109		12																														
-13		1113		13																														
-14		1113		14																														
-15		1113		15																														
-16		1115		16																														
-17		1115		17																														
-18		1115		18	X																													

PROJECT INFORMATION	
PROJECT NUMBER:	806323
PROJECT NAME:	PNM-Person
QC LEVEL:	(STD) IV
QC REQUIRED:	MS MSD BLANK
TAT:	(STANDARD) RUSHI

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS	
INTACT?	
RECEIVED GOOD COND./COLD	
LAB NUMBER	

DUE DATE: 10/22
RUSH SURCHARGE: 0
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Kim McNeill Time: 3:00	Signature: PAE Time:
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Robert Espen Time: 0815
Printed Name: Date:	Printed Name: K. ELS PERMAN Date: 6/9/98
Company:	Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 3 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PAE
7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals ~~TAL~~ 8260/C	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-19	6/8/98	1245	NON AQ	19	X																													
-20		1245		20																														
-21		1248		21																														
-22		1246		22																														
-23		1248		23																														
-24		1254		24																														
-25		1249		25																														
-26		1250		26																														
-27		1254		27	X																													

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER:	806323	TOTAL NUMBER OF CONTAINERS	
PROJECT NAME:	PNM-Person	CHAIN OF CUSTODY SEALS	
QC LEVEL:	(STD) IV	INTACT?	
QC REQUIRED:	MS MSD BLANK	RECEIVED GOOD COND./COLD	
TAT:	(STANDARD) RUSHI	LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE: Ø
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Kim McNeill Time: 3:30	Signature: PAE Time:
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/11/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: 0815
Printed Name: Date:	Printed Name: R. ELSPERMAN Date: 6/9/98
Company:	Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8 PAGE: 4 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PAE 7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals ~~TPH~~ total Cr	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-28	6/8/98	1251	Non AQ	28	x																													
-29		1252		29																														
-30		1254		30																														
-31		1255		31																														
-32		1255		32																														
-33		1253		33																														
-34		1308		34																														
-35		1308		35																														
-36		1310		36	x																													

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER:	806323	TOTAL NUMBER OF CONTAINERS	
PROJECT NAME:	PNM-Person	CHAIN OF CUSTODY SEALS	
QC LEVEL:	STD IV	INTACT?	
QC REQUIRED:	MS MSD BLANK	RECEIVED GOOD COND./COLD	
TAT:	STANDARD RUSH!	LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE: 0
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐ YES ☐ NO

SAMPLES SENT TO:
CONNECTICUT
ILLINOIS
MASSACHUSETTS
PENSACOLA
PORTLAND
PHOENIX
N.CAROLINA

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: KDMcNeill Time: 330	Signature: PAE Time:
Printed Name: KDMcNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Bob Spen Time: 0815
Printed Name: Date:	Printed Name: R Estrella Date: 6/9/98
Company:	Company: AENPL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 5 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806027~~ PHE 7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - ~~TCLP~~ Total C	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806303-37	6/8/98	1310	NonAQ	[illegible]	x																													
-38		1311		[illegible]																														
-39		1312		[illegible]																														
-40		1313		[illegible]																														
-41		1314		[illegible]																														
-42		1315		[illegible]																														
-43		1316		[illegible]																														
-44		1317		[illegible]																														
-45		1317		[illegible]	x																													

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:
PROJECT NUMBER: 806323	TOTAL NUMBER OF CONTAINERS	CONNECTICUT
PROJECT NAME: PNM-Person	CHAIN OF CUSTODY SEALS	ILLINOIS
QC LEVEL: STD IV	INTACT?	MASSACHUSETTS
QC REQUIRED: MS MSD BLANK	RECEIVED GOOD COND./COLD	PENSACOLA x
TAT: STANDARD RUSH1	LAB NUMBER	PORTLAND
		PHOENIX
		N.CAROLINA

DUE DATE: 6/22
RUSH SURCHARGE: 0
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: [illegible] Time: 3:30	Signature: Time: PHE
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: [illegible] Time: 0815
Printed Name: Date:	Printed Name: K. EISELMAN Date: 6/9/98
Company:	Company: AENPE

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: _____ PAGE: 6 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~
PAE 7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TCLP	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds: GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-46	6/8/98	1319	NONAQ	46	X																												
-47		1322		47																													
-48		1321		48																													
-49		1320		49																													
-50		1322		50																													
-51		1323		51																													
-52		1324		52																													
-53		1325		53																													
-54		1326		54	X																												

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER: 806323		TOTAL NUMBER OF CONTAINERS	
PROJECT NAME: PNM Person		CHAIN OF CUSTODY SEALS	
QC LEVEL: (STD.) IV		INTACT?	
QC REQUIRED: MS MSD BLANK		RECEIVED GOOD COND./COLD	
TAT: (STANDARD) RUSH!		LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE: 9
CLIENT DISCOUNT: _____
SPECIAL CERTIFICATION REQUIRED: ☐ YES ☐ NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Kim McNeill Time: 3:30	Signature: PAE Time:
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Robert Sperman Time: 0815
Printed Name: Date:	Printed Name: R.E. Sperman Date: 6/9/98
Company:	Company: AEN-PL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 7 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PAE 7/7/98

CLIENT PROJECT MANAGER:
Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - ~~TCLP~~ total C	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-55	6/8/98	1326	Aq	55	X																													
-56		1308	Aq	56																														
-57		1308		57																														
-58		1309		58																														
-59		1310		59																														
-60		1311		60																														
-61		1312		61																														
-62		1313		62																														
-63		1313		63																														

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER:	806323	TOTAL NUMBER OF CONTAINERS	
PROJECT NAME:	PNM-Person	CHAIN OF CUSTODY SEALS	
QC LEVEL:	STD. IV	INTACT?	
QC REQUIRED:	MS MSD BLANK	RECEIVED GOOD COND./COLD	
TAT:	STANDARD RUSHI	LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE:
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	X
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Kim McNeill Time: 3:30	Signature: PAE Time:
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Rob Espen Time: 0845
Printed Name: Date:	Printed Name: R. ESPEN Date: 6/9/98
Company:	Company: HENSEL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 8 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PFE
7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals ~~TIC~~ total C	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-64	6/8/98	1315	Non AQ	64	X																												
-65		1315		65																													
-66		1317		66																													
-67		1318		67																													
-68		1321		68																													
-69		1319		69																													
-70		1321		70																													
-71		1321		71																													
-72		1322		72																													

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT NUMBER: 806323	TOTAL NUMBER OF CONTAINERS	
PROJECT NAME: PNM-Person	CHAIN OF CUSTODY SEALS	
QC LEVEL: STD. IV	INTACT?	
QC REQUIRED: MS MSD BLANK	RECEIVED GOOD COND./COLD	
TAT: STANDARD RUSHI	LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE: 0
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐ YES ☐ NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: [signature] Time: 30	Signature: Time: PFE
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/9/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: [signature] Time: 0815
Printed Name: Date:	Printed Name: R. ELSELMAN Date: 6/9/98
Company:	Company: AEN-FL

AMERICAN ENVIRONMENTAL NETWORK
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 6/8/98 PAGE: 9 OF 9

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: AMERICAN ENVIRONMENTAL NETWORK
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

807134
~~806024~~ PHE
7/7/98

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals ~~PHE~~ total C	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry			Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta				NUMBER OF CONTAINERS
806323-73	6/8/98	1323	NON AQ	73																														
-74		1324		74																														
-75		1324		75																														
-76		1325		76																														
-77		1326		77																														

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER:	806323	TOTAL NUMBER OF CONTAINERS	
PROJECT NAME:	PNM. Person	CHAIN OF CUSTODY SEALS	
QC LEVEL:	(STD) IV	INTACT?	
QC REQUIRED:	MS MSD BLANK	RECEIVED GOOD COND./COLD	
TAT:	(STANDARD) RUSHI	LAB NUMBER	

DUE DATE: 6/22
RUSH SURCHARGE: 0
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐ YES ☐ NO

SAMPLES SENT TO:	
CONNECTICUT	
ILLINOIS	
MASSACHUSETTS	
PENSACOLA	✓
PORTLAND	
PHOENIX	
N.CAROLINA	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Kim McNeill Time: 330	Signature: Time: PHE
Printed Name: Kim McNeill Date: 6/8/98	Printed Name: Date: 6/7/98
Albuquerque	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: 0815
Printed Name: Date:	Printed Name: Date: 6/9/98
Company:	Company: AEN-PE

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6-8-98 PAGE: 1 OF 8

AEN(NM) Accession #: 806323

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: c/o PNM MS 0408

ADDRESS: Alvarado Square, Albuquerque, NM 87158

PHONE: 241.6506

FAX: 241.2340

BILL TO:

COMPANY: Same

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Cr total	NUMBER OF CONTAINERS
A-1	6/8/98	10:52	soil	01																											X	1
A-2	6/8/98	10:53	soil	02																											X	1
A-3	6/8/98	10:54	soil	03																											X	1
B-1	6/8/98	10:59	soil	04																											X	1
B-2	6/8/98	10:59	soil	05																											X	1
B-3	6/8/98	11:02	soil	06																											X	1
C-1	6/8/98	11:05	soil	07																											X	1
C-2	6/8/98	11:06	soil	08																											X	1
C-3	6/8/98	11:07	soil	09																											X	1
D-1	6/8/98	11:07	soil	10																											X	1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person Sta.

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Y
BLUE ICE/ICE	20°

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10% of total Cr. Call Project Manager. From field

RELINQUISHED BY: 1.

Signature: Valda Terauds Time: 259

Printed Name: Valda Terauds Date: 6/8/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 3pm

Printed Name: Kim McNeill Date: 6/8/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/8/98 PAGE: 2 OF 8

AEN(NM) Accession #: 8806373

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER:

COMPANY: Valda Terauds
ADDRESS: c/o PNM
Alvarado Square
Albuquerque, NM 87158
PHONE:
FAX: 24-2340

BILL TO: same
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Cr Total	NUMBER OF CONTAINERS
D-2	6/8/98	1108	S	11																											X	
D-3		1109		12																											X	
E-1		1113		13																											X	
E-2		1113		14																											X	
E-3		1113		15																											X	
F-1		1115		16																											X	
F-2		1115		17																											X	
F-3		1115		18																											X	
G-1		1245		19																											X	
G-2		1245		20																											X	

PROJECT INFORMATION

PROJ. NO.: Natural Pit
PROJ. NAME: Person St.
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N (N/A)
RECEIVED INTACT	Y
BLUE ICE/ICE	200 from field

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent chromium on top 10% of total Cr call Project manager

RELINQUISHED BY:

Signature: Valda Terauds Time: 255
Printed Name: Valda Terauds Date: 6/8/98
Company: PNM

RELINQUISHED BY: 2.

Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY:

Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 3:00
Printed Name: Kim McNeill Date: 6/8/98
American Enviromental Network (NM), Inc.

merican Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/8 PAGE: 3 OF 8

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: P.N.M

ADDRESS: Alvarado Square MS0408
Alonquerque, NM87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO: Same

COMPANY:

ADDRESS:

ANALYSIS REQUESTED

LAB I.D.	SAMPLE ID	DATE	TIME	MATRIX	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Cr	NUMBER OF CONTAINERS
[illegible]	G-3	6/8/98	1248	S																							X	X	1
[illegible]	H-1		1246																								X	X	1
[illegible]	H-2		1248																								X	X	1
[illegible]	H-3		1251																								X	X	1
[illegible]	I-1		1249																								X	X	1
[illegible]	I-2		1250																								X	X	1
[illegible]	I-3		1254																								X	X	1
[illegible]	J-1		1251																								X	X	1
[illegible]	J-2		1252																								X	X	1
[illegible]	J-3		1254																								X	X	1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person St.

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N (NA)
RECEIVED INTACT	Y
BLUE ICE/ICE	20° from field

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent chromium on top 10%, call Project Manager

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Valda Terauds Time: 259	Signature: Time:
Printed Name: Valda Terauds Date: 6/8/98	Printed Name: Date:
Company: PNM	Company:
RECEIVED BY:	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: [illegible] Time: 330
Printed Name: Date:	Printed Name: Kim McNeill Date: 6/8/98
Company:	American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/8/98 PAGE: 4 OF 8

AEN(NM) Accession #: 806323

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Teravds

COMPANY: P.N.M.

ADDRESS: Alvarado Square - MS0408
Albuquerque, NM 87158

PHONE: (505) 241-0506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
K-1	6/8/98	1255	S	31																											X		1
K-2		1255		32																											X		1
K-3		1253		33																											X		1
A-4		1308		34																											X		1
A-5		1308		35																											X		1
B-4		1310		36																											X		1
B-5		1310		37																											X		1
C-4		1311		38																											X		1
C-5		1312		39																											X		1
D-4		1313		40																											X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Y
BLUE ICE/ICE	20° Armfield

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10%, call Project Manager

RELINQUISHED BY: 1.

Signature: Valda Teravds Time: 2:55

Printed Name: Valda Teravds Date: 6/8/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 3:00

Printed Name: Kim McLelland Date: 6/8/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE: 6/8/98 PAGE: 5 OF 8

AEN(NM) Accession #: 806393

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: PNM

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-6506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Cr		NUMBER OF CONTAINERS
D-5	6/8/98	1314	S	41																										X		1
E-4		1315		42																										X		1
E-5		1316		43																										X		1
F-4		1317		44																										X		1
F-5		1317		45																										X		1
G-4		1319		46																										X		1
G-5		1322		47																										X		1
H-4		1321		48																										X		1
H-5		1320		49																										X		1
I-4		1322		50																										X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person St.

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N (NA)
RECEIVED INTACT	Y
BLUE ICE/ICE	20 from field

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) X

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent chromium on top 10%, call Project manager

RELINQUISHED BY: 1.

Signature: Valda Terauds Time: 259

Printed Name: Valda Terauds Date: 6/8/98

Company: PNM

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 3pm

Printed Name: Kim McNeill Date: 6/8/98

American Environmental Network (NM), Inc.

American Environmental Network (NM), Inc.

CHAIN OF CUSTODY

DATE 6/8/98 PAGE: 6 OF 8

AEN(NM) Accession #: 806323

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Valda Terauds

COMPANY: P.N.M.

ADDRESS: Alvarado Square MS0408
Albuquerque, NM 87158

PHONE: (505) 241-2506

FAX: (505) 241-2340

BILL TO:

COMPANY: SAME

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310)	General Chemistry:			Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals: Total Chromium		NUMBER OF CONTAINERS
I-5	6/8/98	1323	S	51																											X		1
J-4		1324		52																											X		1
J-5		1325		53																											X		1
K-4		1326		54																											X		1
K-5		1326		55																											X		1
A-6		1308		56																											X		1
A-7		1308		57																											X		1
B-6		1309		58																											X		1
B-7		1310		59																											X		1
C-6		1311		60																											X		1

PROJECT INFORMATION

PROJ. NO.: Natural Pit

PROJ. NAME: Person Station

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	10
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Y
BLUE ICE/ICE	20° from field

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS!

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

Hexavalent Chromium on top 10%, call Project Manager.

RELINQUISHED BY: 1.

Signature: Valda Terauds Time: 255

Printed Name: Valda Terauds Date: 6/8

Company: PNM

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: L.M. McGehill Time: 300

Printed Name: L.M. McGehill Date: 6/8/98

American Enviromental Network (NM), Inc.

ATTACHMENT E

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **412317**
January 13, 2005

PUBLIC SERVICE COMPANY
2401 AZTEC NE Z110
ALBUQUERQUE, NM 87107

Project Name PERSON ST.
Project Number SOFA

Attention: JOHN HALE

On 12/17/2004 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Severn Trent Laboratories, Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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Fax (505) 344-4413

CLIENT	: PUBLIC SERVICE COMPANY	PINNACLE ID	: 412317
PROJECT #	: SOFA	DATE RECEIVED	: 12/17/2004
PROJECT NAME	: PERSON ST.	REPORT DATE	: 01/13/2005

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
412317 - 01	SOFA-E	NON-AQ	12/17/2004

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
CLIENT	: PUBLIC SERVICE COMPANY	DATE RECEIVED	: 12/17/2004
PROJECT #	: SOFA	INSTRUMENT	: GCMS2
PROJECT NAME	: PERSON ST.	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
412317-01	SOFA-E	SOIL	12/17/2004	12/21/2004	12/23/2004	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.50	< 0.50	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
CLIENT	: PUBLIC SERVICE COMPANY	DATE RECEIVED	: 12/17/2004
PROJECT #	: SOFA	INSTRUMENT	: GCMS2
PROJECT NAME	: PERSON ST.	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
412317-01	SOFA-E	SOIL	12/17/2004	12/21/2004	12/23/2004	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	93 (70 - 121)
Toluene-d8	97 (84 - 138)
Bromofluorobenzene	95 (59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
CLIENT	: PUBLIC SERVICE COMPANY		
PROJECT #	: SOFA	INSTRUMENT	: GCMS2
PROJECT NAME	: PERSON ST.	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	04/22/2234	SOIL	12/21/2004	12/23/2004	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.50	< 0.50	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
CLIENT	: PUBLIC SERVICE COMPANY		
PROJECT #	: SOFA	INSTRUMENT	: GCMS2
PROJECT NAME	: PERSON ST.	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	04/22/2234	SOIL	12/21/2004	12/23/2004	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	96
	(70 - 121)
Toluene-d8	99
	(84 - 138)
Bromofluorobenzene	95
	(59 - 113)

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
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PINNACLE LABORATORIES

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
BATCH	: 122104	DATE ANALYZED	: 12/23/2004
CLIENT	: PUBLIC SERVICE COMPANY	UNITS	: mg/kg (PPM)
PROJECT #	: SOFA	MATRIX	: SOIL
PROJECT NAME	: PERSON ST.	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.17	87	59-172
BENZENE	2.50	2.46	98	66-142
TRICHLOROETHENE	2.50	2.49	100	62-137
TOLUENE	2.50	2.64	106	59-139
CHLOROBENZENE	2.50	2.64	106	60-133

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 412317
SPIKED SAMPLE	: 412317-01	DATE ANALYZED	: 12/23/2004
CLIENT	: PUBLIC SERVICE COMPANY	UNITS	: mg/kg (PPM)
PROJECT #	: SOFA	MATRIX	: SOIL
PROJECT NAME	: PERSON ST.	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	1.97	1.98	79	79	1	22	59-172
BENZENE	<0.05	2.50	2.30	2.29	92	92	0	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.31	2.31	92	92	0	24	62-137
TOLUENE	<0.05	2.50	2.45	2.42	98	97	1	21	59-139
CHLOROBENZENE	<0.05	2.50	2.49	2.46	100	98	1	21	60-133

SEVERN TRENT STL

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Analytical Report

For: Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107
CC:

Order Number: C412706
SDG Number:
Client Project ID:
Project: 412317, PNM-PERSON STATION
Report Date: 01/07/2005
Sampled By: Client
Sample Received Date: 12/23/2004
Requisition Number:
Purchase Order:

Marty Edwards, Project Manager
medwards@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

SEVERN TRENT STL

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Sample Summary

Order: C412706
Date Received: 12/23/2004

Client: Pinnacle Laboratories
Project: 412317, PNM-PERSON STATION

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
SOFA-E/412317-01	C412706*1	Solid	12/17/2004 15:00

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-1	SOFA-E/412317-01	Solid	12/23/04	12/17/04 15:00	

Parameter	Units	Sample ID 12706-1 SOFA-E/412317-01
RCRA Metals (6010B)		
Arsenic	mg/kg dw	2.0
Barium	mg/kg dw	65
Cadmium	mg/kg dw	<0.48
Chromium	mg/kg dw	6.2
Lead	mg/kg dw	6.8
Selenium	mg/kg dw	<0.97
Silver	mg/kg dw	<0.48
Percent Solids		94
Analyst		GSP
Prep Date		12/27/04
Analysis Date		12/29/04
Batch ID		PS263
Prep Method		3050B
Dilution Factor		1
Mercury (7471A)		
Mercury	mg/kg dw	<0.0089
Percent Solids		94
Analyst		JB
Prep Date		12/28/04
Analysis Date		12/28/04
Batch ID		HGS084
Prep Method		7471A
Dilution Factor		1

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-1	SOFA-E/412317-01	Solid	12/23/04	12/17/04 15:00	

Parameter	Units	Sample ID 12706-1 SOFA-E/412317-01
Semivolatile Organic Compounds (8270C)		
Benzoic acid	ug/kg dw	<1800
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<350
2-Chlorophenol	ug/kg dw	<350
2,4-Dichlorophenol	ug/kg dw	<350
2,6-Dichlorophenol	ug/kg dw	<350
2,4-Dimethylphenol	ug/kg dw	<350
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1800
2,4-Dinitrophenol	ug/kg dw	<1800
2-Methylphenol (o-Cresol)	ug/kg dw	<350
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<350
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<350
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1800
Pentachlorophenol	ug/kg dw	<1800
Phenol	ug/kg dw	<350
2,4,5-Trichlorophenol	ug/kg dw	<1800
2,4,6-Trichlorophenol	ug/kg dw	<350
Acenaphthene	ug/kg dw	<350
Acenaphthylene	ug/kg dw	<350
Anthracene	ug/kg dw	<350
Benzidine	ug/kg dw	<1800
Benzo(a)anthracene	ug/kg dw	<350
Benzo(b)fluoranthene	ug/kg dw	<350
Benzo(k)fluoranthene	ug/kg dw	<350
Benzo(g,h,i)perylene	ug/kg dw	<350
Benzo(a)pyrene	ug/kg dw	<350
Benzyl alcohol	ug/kg dw	<350

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-1	SOFA-E/412317-01	Solid	12/23/04	12/17/04 15:00	

Parameter	Units	Sample ID 12706-1 SOFA-E/412317-01
Semivolatile Organic Compounds (8270C)		
4-Bromophenylphenyl ether	ug/kg dw	<350
Butylbenzylphthalate	ug/kg dw	<350
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<350
bis(2-Chloroethoxy)methane	ug/kg dw	<350
bis(2-Chloroethyl)ether	ug/kg dw	<350
bis(2-Chloroisopropyl) ether	ug/kg dw	<350
2-Chloronaphthalene	ug/kg dw	<350
4-Chlorophenylphenyl ether	ug/kg dw	<350
Chrysene	ug/kg dw	<350
Dibenzo(a,h)anthracene	ug/kg dw	<350
Dibenzofuran	ug/kg dw	<350
Di-n-butylphthalate	ug/kg dw	<350
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<350
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<350
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<350
3,3'-Dichlorobenzidine	ug/kg dw	<1800
Diethylphthalate	ug/kg dw	<350
Dimethylphthalate	ug/kg dw	<350
2,4-Dinitrotoluene	ug/kg dw	<350
2,6-Dinitrotoluene	ug/kg dw	<350
Di-n-octylphthalate	ug/kg dw	<350
1,2-Diphenylhydrazine	ug/kg dw	<350
bis(2-Ethylhexyl)phthalate	ug/kg dw	<350
Fluoranthene	ug/kg dw	<350
Fluorene	ug/kg dw	<350

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-1	SOFA-E/412317-01	Solid	12/23/04	12/17/04 15:00	

Parameter	Units	Sample ID 12706-1 SOFA-E/412317-01
Semivolatile Organic Compounds (8270C)		
Hexachlorobenzene	ug/kg dw	<350
Hexachlorobutadiene	ug/kg dw	<350
Hexachlorocyclopentadiene	ug/kg dw	<350
Hexachloroethane	ug/kg dw	<350
Indeno(1,2,3-cd)pyrene	ug/kg dw	<350
Isophorone	ug/kg dw	<350
1-Methylnaphthalene	ug/kg dw	<350
2-Methylnaphthalene	ug/kg dw	<350
Naphthalene	ug/kg dw	<350
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<350
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<350
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<350
Nitrobenzene	ug/kg dw	<350
N-Nitrosodi-n-butylamine	ug/kg dw	<350
N-Nitrosodimethylamine	ug/kg dw	<350
N-Nitrosodiphenylamine	ug/kg dw	<350
n-Nitrosodi-n-propylamine	ug/kg dw	<350
Phenanthrene	ug/kg dw	<350
Pyrene	ug/kg dw	<350
1,2,4-Trichlorobenzene	ug/kg dw	<350
Surrogate - 2-Fluorobiphenyl *	%	76 %
Surrogate - 2-Fluorophenol *	%	73 %
Surrogate - Nitrobenzene-d5 *	%	71 %
Surrogate - Phenol-d5 *	%	72 %
Surrogate - Terphenyl-d14 *	%	83 %
Surrogate - 2,4,6-Tribromophenol *	%	79 %
Percent Solids		94
Analyst		RDW
Prep Date		12/27/04
Analysis Date		01/02/05
Batch ID		ALS1117
Prep Method		3550B
Dilution Factor		1

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-2	Method Blank	Solid	12/23/04		
12706-3	Lab Control Standard % Recovery	Solid	12/23/04		
12706-4	LCS Accuracy Control Limit (%R)	Solid	12/23/04		
12706-5	Precision (%RPD) MS/MSD	Solid	12/23/04		
12706-6	MS Precision Advisory Limit (%RPD)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-2 Method Blank	12706-3 Lab Control Stan	12706-4 LCS Accuracy Con	12706-5 Precision (%RPD)	12706-6 MS Precision Ad
RCRA Metals (6010B)						
Arsenic	mg/kg dw	<0.50	88 %	80-120	5 %	20
Barium	mg/kg dw	<1.0	93 %	80-120	2 %	20
Cadmium	mg/kg dw	<0.50	93 %	80-120	4 %	20
Chromium	mg/kg dw	<0.50	95 %	80-120	5 %	20
Lead	mg/kg dw	<0.50	92 %	80-120	9 %	20
Selenium	mg/kg dw	<1.0	79 %	80-120	5 %	20
Silver	mg/kg dw	<0.50	102 %	80-120	4 %	20
Analyst		GSP				
Prep Date		12/27/04				
Analysis Date		12/29/04				
Batch ID		PS263	PS263		PS263	
Prep Method		3050B				
Dilution Factor		1				
Mercury (7471A)						
Mercury	mg/kg dw	<0.0083	101 %	67-132	13	20
Analyst		JB				
Prep Date		12/28/04				
Analysis Date		12/28/04				
Batch ID		HGS084	HGS084		HGS084	
Prep Method		7471A				
Dilution Factor		1				

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-2	Method Blank	Solid	12/23/04		
12706-3	Lab Control Standard % Recovery	Solid	12/23/04		
12706-4	LCS Accuracy Control Limit (%R)	Solid	12/23/04		
12706-5	Precision (%RPD) MS/MSD	Solid	12/23/04		
12706-6	MS Precision Advisory Limit (%RPD)	Solid	12/23/04		

Sample ID

Parameter	Units	12706-2 Method Blank	12706-3 Lab Control	12706-4 StanLCS Accuracy Con	12706-5 Precision (%RPD)	12706-6 MS Precision Ad
Semivolatile Organic Compounds (8270C)						
Benzoic acid	ug/kg dw	<1700	97 %	1-170	7	38
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<330	85 %	49-107	0	34
2-Chlorophenol	ug/kg dw	<330	78 %	45-97	8	40
2,4-Dichlorophenol	ug/kg dw	<330	81 %	46-105	4	38
2,6-Dichlorophenol	ug/kg dw	<330	N/A	N/A	N/A	N/A
2,4-Dimethylphenol	ug/kg dw	<330	75 %	37-95	5	37
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	65 %	23-107	3	39
2,4-Dinitrophenol	ug/kg dw	<1700	96 %	19-153	5	37
2-Methylphenol (o-Cresol)	ug/kg dw	<330	78 %	47-103	4	39
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<330	82 %	47-108	7	42
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<330	79 %	42-99	5	36
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	88 %	18-129	2	33
Pentachlorophenol	ug/kg dw	<1700	70 %	38-119	12	45
Phenol	ug/kg dw	<330	80 %	45-101	6	37
2,4,5-Trichlorophenol	ug/kg dw	<1700	78 %	48-111	1	34
2,4,6-Trichlorophenol	ug/kg dw	<330	77 %	49-107	2	39
Acenaphthene	ug/kg dw	<330	79 %	54-104	2	27
Acenaphthylene	ug/kg dw	<330	86 %	52-115	2	25
Anthracene	ug/kg dw	<330	84 %	54-117	4	23
Benzidine	ug/kg dw	<1700	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ug/kg dw	<330	83 %	65-109	3	23
Benzo(b)fluoranthene	ug/kg dw	<330	74 %	60-107	4	25

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-2	Method Blank	Solid	12/23/04		
12706-3	Lab Control Standard % Recovery	Solid	12/23/04		
12706-4	LCS Accuracy Control Limit (%R)	Solid	12/23/04		
12706-5	Precision (%RPD) MS/MSD	Solid	12/23/04		
12706-6	MS Precision Advisory Limit (%RPD)	Solid	12/23/04		

Sample ID

Parameter	Units	12706-2 Method Blank	12706-3 Lab Control Stan	12706-4 LCS Accuracy Con	12706-5 Precision (%RPD)	12706-6 MS Precision Ad
Semivolatile Organic Compounds (8270C)						
Benzo(k)fluoranthene	ug/kg dw	<330	84 %	64-118	2	20
Benzo(g,h,i)perylene	ug/kg dw	<330	93 %	50-121	2	24
Benzo(a)pyrene	ug/kg dw	<330	83 %	62-111	3	19
Benzyl alcohol	ug/kg dw	<330	76 %	44-103	9	41
4-Bromophenylphenyl ether	ug/kg dw	<330	81 %	60-110	2	24
Butylbenzylphthalate	ug/kg dw	<330	81 %	54-116	0	23
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<330	65 %	24-89	3	90
bis(2-Chloroethoxy)methane	ug/kg dw	<330	76 %	47-97	6	36
bis(2-Chloroethyl)ether	ug/kg dw	<330	79 %	45-98	10	34
bis(2-Chloroisopropyl) ether	ug/kg dw	<330	78 %	43-100	8	34
2-Chloronaphthalene	ug/kg dw	<330	69 %	46-93	4	26
4-Chlorophenylphenyl ether	ug/kg dw	<330	78 %	61-109	3	24
Chrysene	ug/kg dw	<330	81 %	64-108	2	23
Dibenzo(a,h)anthracene	ug/kg dw	<330	86 %	38-105	2	28
Dibenzofuran	ug/kg dw	<330	80 %	57-105	1	25
Di-n-butylphthalate	ug/kg dw	<330	87 %	63-117	3	22
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<330	78 %	46-91	10	30
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<330	77 %	44-89	10	35
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<330	78 %	44-88	9	36
3,3'-Dichlorobenzidine	ug/kg dw	<1700	65 %	28-100	0	50
Diethylphthalate	ug/kg dw	<330	82 %	60-116	2	19

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-2	Method Blank	Solid	12/23/04		
12706-3	Lab Control Standard % Recovery	Solid	12/23/04		
12706-4	LCS Accuracy Control Limit (%R)	Solid	12/23/04		
12706-5	Precision (%RPD) MS/MSD	Solid	12/23/04		
12706-6	MS Precision Advisory Limit (%RPD)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-2 Method Blank	12706-3 Lab Control Stan	12706-4 LCS Accuracy Con	12706-5 Precision (%RPD)	12706-6 MS Precision Ad
Semivolatile Organic Compounds (8270C)						
Dimethylphthalate	ug/kg dw	<330	81 %	60-111	4	26
2,4-Dinitrotoluene	ug/kg dw	<330	78 %	61-114	1	20
2,6-Dinitrotoluene	ug/kg dw	<330	80 %	57-115	1	20
Di-n-octylphthalate	ug/kg dw	<330	86 %	60-112	1	24
1,2-Diphenylhydrazine	ug/kg dw	<330	90 %	51-113	3	21
bis(2-Ethylhexyl)phthalate	ug/kg dw	<330	89 %	57-120	0	29
Fluoranthene	ug/kg dw	<330	79 %	56-124	1	26
Fluorene	ug/kg dw	<330	82 %	61-108	4	25
Hexachlorobenzene	ug/kg dw	<330	85 %	58-115	3	25
Hexachlorobutadiene	ug/kg dw	<330	81 %	47-95	10	33
Hexachlorocyclopentadiene	ug/kg dw	<330	114 %	15-144	13	51
Hexachloroethane	ug/kg dw	<330	82 %	42-93	11	43
Indeno(1,2,3-cd)pyrene	ug/kg dw	<330	88 %	48-112	0	26
Isophorone	ug/kg dw	<330	90 %	53-105	5	30
1-Methylnaphthalene	ug/kg dw	<330	84 %	55-101	5	34
2-Methylnaphthalene	ug/kg dw	<330	84 %	51-95	3	32
Naphthalene	ug/kg dw	<330	79 %	51-93	8	37
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<330	85 %	48-112	7	30
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<330	75 %	40-112	2	32
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<330	80 %	23-119	24	41
Nitrobenzene	ug/kg dw	<330	85 %	46-98	7	34
N-Nitrosodi-n-butylamine	ug/kg dw	<330	N/A	N/A	N/A	N/A

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-2	Method Blank	Solid	12/23/04		
12706-3	Lab Control Standard % Recovery	Solid	12/23/04		
12706-4	LCS Accuracy Control Limit (%R)	Solid	12/23/04		
12706-5	Precision (%RPD) MS/MSD	Solid	12/23/04		
12706-6	MS Precision Advisory Limit (%RPD)	Solid	12/23/04		

Sample ID

Parameter	Units	12706-2 Method Blank	12706-3 Lab Control	12706-4 StanLCS Accuracy Con	12706-5 Precision (%RPD)	12706-6 MS Precision Ad
Semivolatile Organic Compounds (8270C)						
N-Nitrosodimethylamine	ug/kg dw	<330	88 %	30-97	10	43
N-Nitrosodiphenylamine	ug/kg dw	<330	40 %	32-60	2	28
n-Nitrosodi-n-propylamine	ug/kg dw	<330	89 %	54-113	5	34
Phenanthrene	ug/kg dw	<330	86 %	62-112	4	22
Pyrene	ug/kg dw	<330	77 %	58-107	2	31
1,2,4-Trichlorobenzene	ug/kg dw	<330	80 %	50-95	8	32
Surrogate - 2-Fluorobiphenyl *	%	72 %	77 %	45-93		
Surrogate - 2-Fluorophenol *	%	66 %	73 %	18-99		
Surrogate - Nitrobenzene-d5 *	%	73 %	81 %	37-89		
Surrogate - Phenol-d5 *	%	70 %	77 %	31-96		
Surrogate - Terphenyl-d14 *	%	87 %	80 %	43-122		
Surrogate - 2,4,6-Tribromophenol *	%	79 %	78 %	17-135		
Analyst		RDW				
Prep Date		12/27/04				
Analysis Date		01/01/05				
Batch ID		ALS1117	ALS1117		ALS1117	
Prep Method		3550B				
Dilution Factor		1				

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-7	Reporting Limit (RL)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-7 Reporting Limit
RCRA Metals (6010B)		
Arsenic	mg/kg dw	0.0050
Barium	mg/kg dw	0.010
Cadmium	mg/kg dw	0.0050
Chromium	mg/kg dw	0.0050
Lead	mg/kg dw	0.0050
Selenium	mg/kg dw	0.010
Silver	mg/kg dw	0.0050
Mercury (7471A)		
Mercury	mg/l	0.00020
Semivolatile Organic Compounds (8270C)		
Benzoic acid	ug/kg dw	50
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	10
2-Chlorophenol	ug/kg dw	10
2,4-Dichlorophenol	ug/kg dw	10
2,6-Dichlorophenol	ug/kg dw	10
2,4-Dimethylphenol	ug/kg dw	10
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	50
2,4-Dinitrophenol	ug/kg dw	50
2-Methylphenol (o-Cresol)	ug/kg dw	10
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	10
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	10
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	50

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-7	Reporting Limit (RL)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-7 Reporting Limit
Semivolatile Organic Compounds (8270C)		
Pentachlorophenol	ug/kg dw	50
Phenol	ug/kg dw	10
2,4,5-Trichlorophenol	ug/kg dw	50
2,4,6-Trichlorophenol	ug/kg dw	10
Acenaphthene	ug/kg dw	10
Acenaphthylene	ug/kg dw	10
Anthracene	ug/kg dw	10
Benzidine	ug/kg dw	50
Benzo(a)anthracene	ug/kg dw	10
Benzo(b)fluoranthene	ug/kg dw	10
Benzo(k)fluoranthene	ug/kg dw	10
Benzo(g,h,i)perylene	ug/kg dw	10
Benzo(a)pyrene	ug/kg dw	10
Benzyl alcohol	ug/kg dw	10
4-Bromophenylphenyl ether	ug/kg dw	10
Butylbenzylphthalate	ug/kg dw	10
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	10
bis(2-Chloroethoxy)methane	ug/kg dw	10
bis(2-Chloroethyl)ether	ug/kg dw	10
bis(2-Chloroisopropyl) ether	ug/kg dw	10
2-Chloronaphthalene	ug/kg dw	10
4-Chlorophenylphenyl ether	ug/kg dw	10
Chrysene	ug/kg dw	10
Dibenzo(a,h)anthracene	ug/kg dw	10
Dibenzofuran	ug/kg dw	10
Di-n-butylphthalate	ug/kg dw	10
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	10

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-7	Reporting Limit (RL)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-7 Reporting Limit
Semivolatile Organic Compounds (8270C)		
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	10
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	10
3,3'-Dichlorobenzidine	ug/kg dw	50
Diethylphthalate	ug/kg dw	10
Dimethylphthalate	ug/kg dw	10
2,4-Dinitrotoluene	ug/kg dw	10
2,6-Dinitrotoluene	ug/kg dw	10
Di-n-octylphthalate	ug/kg dw	10
1,2-Diphenylhydrazine	ug/kg dw	10
bis(2-Ethylhexyl)phthalate	ug/kg dw	10
Fluoranthene	ug/kg dw	10
Fluorene	ug/kg dw	10
Hexachlorobenzene	ug/kg dw	10
Hexachlorobutadiene	ug/kg dw	10
Hexachlorocyclopentadiene	ug/kg dw	10
Hexachloroethane	ug/kg dw	10
Indeno(1,2,3-cd)pyrene	ug/kg dw	10
Isophorone	ug/kg dw	10
1-Methylnaphthalene	ug/kg dw	10
2-Methylnaphthalene	ug/kg dw	10
Naphthalene	ug/kg dw	10
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	10
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	10
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	10

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12706-7	Reporting Limit (RL)	Solid	12/23/04		

Parameter	Units	Sample ID 12706-7 Reporting Limit
Semivolatile Organic Compounds (8270C)		
Nitrobenzene	ug/kg dw	10
N-Nitrosodi-n-butylamine	ug/kg dw	10
N-Nitrosodimethylamine	ug/kg dw	10
N-Nitrosodiphenylamine	ug/kg dw	10
n-Nitrosodi-n-propylamine	ug/kg dw	10
Phenanthrene	ug/kg dw	10
Pyrene	ug/kg dw	10
1,2,4-Trichlorobenzene	ug/kg dw	10

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Order Number: C412706

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

STL Pensacola
PROJECT SAMPLE INSPECTION FORM

SEVERN TRENT STL

Lab Order #: CH12706 Date Received: 12-21-04

1. Was there a Chain of Custody? Yes (No+)
2. Was Chain of Custody properly filled out and relinquished? (Yes) No+
3. Were all samples properly labeled and identified? (Yes) No+
4. Were samples received cold? (Criteria: 0.1° - 6°C: STL-SOP 1055) (Yes) No+ N/A
5. Did samples require splitting or compositing♦? Yes+ (No)
6. Were samples received in proper containers for analysis requested? (Yes) No+
7. Were all sample containers received intact? (Yes) No+
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)+* Yes No+ (N/A)
9. Is there sufficient volume for analysis requested? (Yes) No+ N/A *(Can)*
10. Were samples received within Holding Time? (REFER TO STL-SOP 1040) (Yes) No+
11. Is Headspace (bubble) visible > ¼" diameter in VOA vial(s)?* Yes+ No (N/A)
12. **Were Trip Blanks Received?** Yes No (N/A)
13. **If yes, was analysis of Trip Blanks requested?** Yes No (N/A)
14. Were MS/MSD-specific bottles provided? Yes No+ (N/A)
15. If any issues, how was PM notified? PSIF ☐ Verbal ☐

Airbill Number(s): 128178168014590 3697 **Delivery By:** (UPS) FedEx HD BUS DHL PE
(HD – Hand Delivery)

Cooler Number(s) & Temp(s) °C: Client 2.0°C IR-1
(IE. #340L, 4°C, IR-1 – COOLER NUMBER, TEMPERATURE, THERMOMETER NUMBER)

Comments (reference item numbers above and list sample IDs/Tests where appropriate):

Sample # 412317-01
li COC was faxed.

Inspected By: [illegible] Date: 12-21-04 Logged By: [illegible] Date: 23-Dec-04

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples (pH, Dissolved O2, Residual CL) as out of hold time, therefore, these samples will not be documented on this PSIF.*

♦ *All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting (compositing)"*

\+ *All pH results for North Carolina, and other requested projects are to be recorded on the pH log provided (STL-SOP 938).*

* *According to EPA, a bubble of ¼" or less is acceptable in 40 ml vials requiring volatile analysis. According to Florida DEP, excess headspace in liquid TCLP volatile containers shall be documented.*

ANY PERSON MAKING OR ADDING COMMENTS TO ANY PART OF THIS PSIF MUST INITIAL AND DATE ALL CORRECTIONS, COMMENTS AND/OR INSTRUCTIONS.

SEVERN TRENT STL

Organic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
D	The result was obtained from a dilution.
E	The result exceeds the calibration range.
J	Estimated value because the analyte concentration is less than the reporting limit.
M	A matrix effect was present.
N	Presumptive evidence of a compound. The compound was identified qualitatively or as a Tentatively Identified Compound.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
P	Second-column or detector confirmation exceeded method criteria. Appropriate value is reported and data is flagged/qualified as instructed by method/regulation.
U or < or ND	The analyte was not detected.
*	The result is not within control limit(s).

Inorganic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
E	The reported value is estimated because of the presence of interference.
J	Estimated value because the analyte concentration is less than the reporting limit.
N	The spiked sample recovery is not within control limits.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
U or < or ND	The analyte was not detected.
*	Duplicate analysis not within control limits
M	The duplicate injection precision was not met.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance and post spike recovery is greater than or equal to 40%, the sample is flagged with a "W" and no further action is required.
+	The Standard Additions Correlation Coefficient is <0.995.
L	The result is not within control limit(s).

It is permissible to submit an Out-of-Control Events/Corrective Action form and/or Case Narrative in lieu of using above qualifiers.

When the laboratory receives a sample that does not meet EPA requirements for sample collection, preservation or holding time, the laboratory is required to reject the samples. The client must be notified and asked whether the lab should proceed with analysis. Data from any samples that do not meet sample acceptance criteria (collection, preservation and holding time), must be flagged, or noted on a corrective action form or case narrative, or addressed on the Project Sample Inspection Form (PSIF) in an unambiguous manner clearly defining the nature and substance of the variation. NPDES samples from North Carolina that do not meet EPA requirements for sample collection, preservation or holding time are non-reportable for NPDES compliance monitoring.

Abbreviations

ND	Not Detected at or above the STL Pensacola reporting limit (RL)
NS	Not Submitted
NA	Not Applicable
MDL	STL Pensacola Method Detection Limit
RL	STL Pensacola Reporting Limit
NoMS	Not enough sample provided to prepare and/or analyze a method-required matrix spike (MS) and/or duplicate (MSD)
TIC	Tentatively Identified Compound

Florida Projects Inorganic/Organic

Refer to FL DEP 62-160; Table 4 Data Qualifier Codes. FL DEP Rule 62-160, Table 1 lists the Florida sites which require data qualifiers.

Arizona DEQ Projects

Any qualified data submitted to Arizona DEQ (ADEQ) after January 1, 2001 must be designated using the Arizona Data Qualifiers as developed by the Arizona ELAC technical subcommittee. Refer to the ADEQ qualifier list.

Severn Trent Laboratories Inc.
STL Pensacola • 3355 McLemore Dr • Pensacola, FL 32514
Tel 850 474 1001 Fax 850 484 5315 • *www.stl-inc.com*

Revised/Effective: 08-09-04

SEVERN TRENT STL

STL PENSACOLA
Certifications, Memberships & Affiliations

Alabama *Department of Environmental Management, Laboratory ID No. 40150 (Drinking Water by Reciprocity with FL)*

Arizona *Department of Health Services, Lab ID No. AZ0589 (Hazardous Waste & Wastewater)*

Arkansas *Department of Pollution Control and Ecology, (88-0689) (Environmental)*

California *Department of Health Services,* ***ELAP*** *Laboratory ID No. 2510 (Hazardous Waste and Wastewater)*

Connecticut *Department of Health Services, Connecticut Lab Approval No. PH-0697 (D W, H W and Wastewater)*

Florida *DOH,* ***NELAP*** *Laboratory ID No. E81010 (Drinking Water, Hazardous Waste and Wastewater)*

Florida *DEP/DOH CompQAP # 980156*

Illinois *Environmental Laboratory Accreditation Program (ELAP),* ***NELAP*** *Laboratory ID No. 200041 (Wastewater and Hazardous Waste)*

Iowa *Department of Natural Resources, Laboratory ID No. 367 (Wastewater, UST, Solid Waste, & Contaminated Sites)*

Kansas *Department of Health & Environment,* ***NELAP*** *Laboratory ID No. E10253 (Wastewater and Hazardous Waste)*

Kentucky *NR&EPC, Laboratory ID No. 90043 (Drinking Water)*

Kentucky *Petroleum Storage Tank Env Assurance Fund, Laboratory ID No. 0053 (UST)*

Louisiana *DEQ, LELAP,* ***NELAP*** *Laboratory ID No. 02075, Agency Interest ID 30748 (Environmental)*

Maryland *DH&MH Laboratory ID No. 233 (Drinking Water by Reciprocity with Florida)*

Massachusetts *DEP, Laboratory ID No. M-FL094 (Wastewater)*

Michigan *Bureau of E&OccH, Laboratory ID No.9912 (Drinking Water by Reciprocity with Florida)*

New Hampshire *DES ELAP,* ***NELAP*** *Laboratory ID No. 250502 (Drinking Water & Wastewater)*

New Jersey *DEP&E,* ***NELAP*** *Laboratory ID No. FL006 (Wastewater and Hazardous Waster)*

North Carolina *DENR, Laboratory ID No. 314 (Hazardous Waste and Wastewater)*

North Dakota *DH&Consol Labs, Laboratory ID No. R-108 Wastewater and Hazardous Waste by Reciprocity with Arizona)*

Oklahoma *Department of Environmental Quality, Laboratory ID No. 9810 (Hazardous Waste and Wastewater)*

Pennsylvania *Department of Environmental Resources,* ***NELAP*** *Laboratory ID No. 68-467 (Drinking Water & Wastewater)*

South Carolina *DH&EC, Laboratory ID No. 96026 (Wastewater & Solids/Hazardous Waste by Reciprocity with FL)*

Tennessee *Department of Health & Environment, Laboratory ID No. 02907 (Drinking Water)*

Virginia *Department of General Services, Laboratory ID No. 00008 (Drinking Water by Reciprocity with FL)*

West Virginia *DOE, Office of Water Resources, Laboratory ID No. 136 (Haz Waste and Wastewater)*

EPA ICR *(Information Collection Rule) Approved Laboratory, Laboratory ID No. ICRFL031*

NFESC *(Naval Facilities Engineering Services Center)*

USACE *(United States Army Corps. of Engineers), MRD*

STL Pensacola also has a foreign soil permit to accept soils from locations other than the continental United States. Permit No. S-37599

certlist\condcert.lst revised 7/13/04

Total Pages of Report 20

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 12/20/04 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

C412709 6 12-23

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)		TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
SOFA-E/412317-01	12/17/04	1500	NAQ		X																		X					

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	RELINQUISED BY: 1.	RELINQUISED BY: 2.
PROJECT #: 412317	Total Number of Containers	PENSACOLA - STL-FL X	Signature: Time: 1700	Signature: Time:
PROJ. NAME: NM	Chain of Custody Seals	ESL - OR	Printed Name: Date: 12/20/04	Printed Name: Date:
QC LEVEL: STD IV	Received Intact?	ATEL - AZ	Pinnacle Laboratories, Inc.	Company
QC REQUIRED: MS MSD BLANK	Received Good Cond./Cold	ATEL - MARION	RECEIVED BY: 1.	RECEIVED BY: 2.
TAT: STANDARD RUSH!!	LAB NUMBER:	ATEL - MELMORE	Signature: Time:	Signature: Time:
DUE DATE: 12/31	COMMENTS:	EHL	Printed Name: Date: 12/21/04	Printed Name: Date:
RUSH SURCHARGE: —		GEL	Company STL-FL	Company
CLIENT DISCOUNT: —		U OF MIAMI		
SPECIAL CERTIFICATION REQUIRED: YES NO		WCAS		
		WOHL		

DEC 21 '04 14:48

5053444413 PAGE.002

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 12/17/04 PAGE: 1 OF ____

PLI Accession #: 412312

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: John Hale

COMPANY: PNM

ADDRESS: 2401 Aztec NE Z110
Albuq. NM 87107

PHONE: 555-6392

FAX: 555-6320

BILL TO: Same

COMPANY:

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject		(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ~~☐PBMS~~	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	~~Polynuclear Aromatics (610/8310/8270 SIM/S)~~	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8) Totals	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
SOFA-E	12/17/04	1500	S	01														X					X	X					X			2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION	PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS	RELINQUISHED BY 1.	RELINQUISHED BY 2.
PROJ. NO.: SOFA	(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) X *NOT AVAILABLE ON ALL ANALYSES	Signature: John Hale Time: 1526	Signature: Time:
PROJ. NAME: Persan A.	CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER	Printed Name: John Hale Date: 12/17/04	Printed Name: Date:
P.O. NO.:	METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED	Company: PNM See Reverse side (Force Majeure)	Company:
SHIPPED VIA:	COMMENTS:	RECEIVED BY 1.	RECEIVED BY (LAB) 2.
SAMPLE RECEIPT		Signature: Time:	Signature: Marianne Jarmo Time: 1526
NO. CONTAINERS: 2		Printed Name: Date:	Printed Name: Marianne Jarmo Date: 12/17/04
CUSTODY SEALS: NONE		Company:	Pinnacle Laboratories Inc.
RECEIVED INTACT: YES			
BLUE ICE/ICE: ICE			

ATTACHMENT F

LEACH FIELD INVESTIGATION
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION

PREPARED FOR

PUBLIC SERVICE COMPANY OF NEW MEXICO

ALBUQUERQUE, NEW MEXICO

PREPARED BY

METRIC CORPORATION

ALBUQUERQUE, NEW MEXICO

FEBRUARY 2004

LEACH FIELD INVESTIGATION
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION

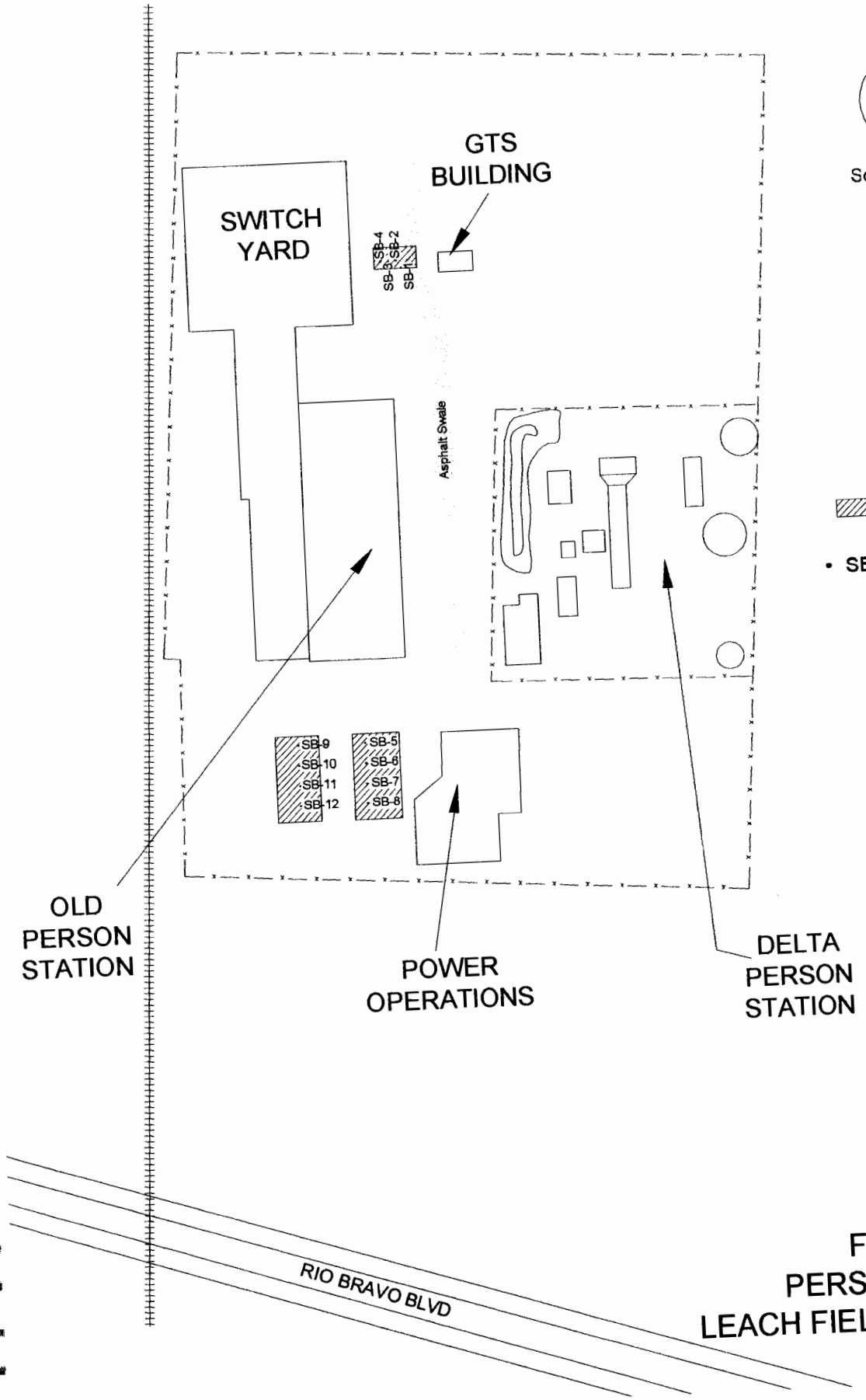
On November 25 and 26, 2003, METRIC Corporation conducted soil sampling beneath three old leach fields located at the Person Generating Station site. The locations of the three old leach fields and the 12 soil borings are shown on FIGURE 1. The objective of the investigation was to determine whether or not the soils beneath the leach fields exhibited any volatile organics, semi-volatile organics or metals contamination.

At each soil boring location, a CME-75 auger rig and 3 3/4 inch i.d. hollow stem augers were used to drill to the base of the leach field, and then a soil sample was collected using a 3 inch i.d. drive sampler. In cases where the soil boring encountered the gravel filled trenches, the soil samples were collected immediately below the gravel. Cuttings logs for each soil boring are presented in APPENDIX A. In cases where the soil boring did not encounter a gravel trench, the soil sample was collected at a maximum depth of 9 feet.

Each of the 12 soil samples was analyzed for volatile organics (EPA Method 8260), semi-volatile organics (Method 8270) and the eight RCRA metals (totals). The results of the laboratory analyses are summarized in TABLE 1 and the complete lab reports are presented in APPENDIX B.

Volatile or semi-volatile organics were not detected in any of the soil samples. The metals detected in the samples are summarized in TABLE 1. All the soils metals concentration observed appear to be naturally occurring background levels.

Additionally, it can be demonstrated that none of the soils could exceed TCLP regulatory action levels. According to the EPA guidance letters FAXBACK 11721,



Scale 1" = 20'

LEGEND

Old Leach Field

• SB-7 Soil Boring

FIGURE 1
PERSON STATION
LEACH FIELD INVESTIGATION

TABLE 1

PNM PERSON STATION
LABORATORY ANALYSES
LEACH FIELDS
(mg/kg)

Probe Identification	Parameter							
	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
SB-1-5'	1.3	46	<0.45	4.8	3.4	<0.91	<0.45	<0.0086
SB-2-5'	2.8	47	<0.35	3.0	7.1	<0.70	<0.35	0.066
SB-3-6'	1.3	120	<0.53	4.8	4.2	<1.1	<0.53	0.23
SB-4-5'	1.1	33	<0.43	4	3.1	<0.86	<0.43	0.0091
SB-5-8'	3.4	70	<0.42	4.2	4.8	<0.84	<0.42	0.011
SB-6-7'	1.5	39	<0.49	4.0	3.0	<0.98	<0.49	<0.0084
SB-7-8'	1.4	39	<0.41	3.0	3.2	<0.82	<0.41	<0.0085
SB-8-7'	1.4	40	<0.48	4.3	3.3	<0.97	<0.48	<0.0086
SB-9-4'	1.8	42	<0.51	3.8	3.4	<1.0	<0.51	<0.0087
SB-10-6'	1.4	62	<0.51	5.2	4	<1.0	<0.51	0.011
SB-11-9'	2.2	69	<0.46	5.2	3.8	<0.93	<0.46	<0.0084
SB-12-6'	1.6	31	<0.49	4.1	3	<0.99	<0.49	<0.0082
20 x TCLP Regulatory Action Level	100	2000	20	100	100	20	100	4

13563 and 13647, the theoretical maximum TCLP leachate concentration (in mg/l) of a solid can be determined by dividing the total concentration (in mg/kg) by 20. Conversely, a soil sample could not exceed TCLP regulatory action levels if the total concentration does not exceed 20 times the TCLP regulatory action level. As can be seen in TABLE 1, none of the total metals concentrations exceeds 20 times the TCLP regulatory action level.

Based on the data collected in this investigation, the soils below the leach fields at Person Station do not exhibit any significant contamination.

APPENDIX A

SOIL BORING LOGS

2003 →

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-1 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 2.5	2.5	Sand.
2.5 - 4.5	2.0	Gravel

Sampled at 5 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-2 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 3.0	3.0	Sand.
3.0 - 4.5	1.5	Gravel

Sampled at 5 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-3 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 3.5	3.5	Sand.
3.5 - 5.0	1.5	Gravel

Sampled at 6 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-4 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 3.0	3.0	Sand.
3.0 - 5.0	2.0	Gravel

Sampled at 5 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-5 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 5.0	5.0	Sand.
5.0 - 7.5	2.0	Gravel

Sampled at 8 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-6 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 5.0	5.0	Sand.
5.0 - 6.5	2.0	Gravel

Sampled at 7 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-7 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 7.0	7.0	Sand.

Sampled at 8 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-8 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 25, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 5.0	5.0	Sand.
5.0 - 6.0	1.0	Gravel

Sampled at 7 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-9 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 26, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 3.0	3.0	Sand.
3.0 - 3.5	.5	Gravel

Sampled at 4 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-10 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 26, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 5.0	5.0	Sand.

Sampled at 6 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-11 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 26, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 7.0	7.0	Sand.
7.0 - 8.0	1.0	Gravel

Sampled at 9 feet.

METRIC
Corporation

SAMPLE LOG

Borehole Number SB-12 Borehole Location Person Generating Station

Property Owner Public Service Company of New Mexico

Sample Logger Gary Richardson, METRIC Corporation

Driller Rodgers Environmental Services

Drilling Medium Hollow stem auger

Date of Completion November 26, 2004 Ground Elevation Not applicable

Depth (feet)	Thickness (feet)	Stratigraphic Description
0 - 5.5	5.5	Sand.
2.5 - 4.5	2.0	Gravel

Sampled at 6 feet.

APPENDIX B
LABORATORY REPORTS

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **311110**
December 19, 2003

METRIC CORPORATION
8429 WASHINGTON PLACE NE
ALBUQUERQUE, NM 87113

Project Name PERSON LEACH FIELDS
Project Number (NONE)

Attention: GARY RICHARDSON

On 11/26/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Severn Trent Laboratories, Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
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ENT	: METRIC CORPORATION	PINNACLE ID	: 311110
ROJECT #	: (NONE)	DATE RECEIVED	: 11/26/03
ROJECT NAME	: PERSON LEACH FIELDS	REPORT DATE	: 12/19/03

INACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
11110 - 01	SB-9-4'	NON-AQ	11/26/03
110 - 02	SB-10-6'	NON-AQ	11/26/03
110 - 03	SB-11-9'	NON-AQ	11/26/03
110 - 04	SB-12-6'	NON-AQ	11/26/03

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-01	SB-9-4'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

2709-D Pan American Freeway NE
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-01	SB-9-4'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	95 (70 - 121)
Toluene-d8	95 (84 - 138)
Bromofluorobenzene	89 (59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-02	SB-10-6'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-02	SB-10-6'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	97 (70 - 121)
Toluene-d8	99 (84 - 138)
Bromofluorobenzene	93 (59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-03	SB-11-9'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-03	SB-11-9'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	95 (70 - 121)
Toluene-d8	96 (84 - 138)
Bromofluorobenzene	91 (59 - 113)

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-04	SB-12-6'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/26/03
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311110-04	SB-12-6'	SOIL	11/26/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	97	(70 - 121)
Toluene-d8	96	(84 - 138)
Bromofluorobenzene	93	(59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION		
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	112603	SOIL	11/26/03	12/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
CLIENT	: METRIC CORPORATION		
PROJECT #	: (NONE)	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON LEACH FIELDS	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	112603	SOIL	11/26/03	12/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	101
	(70 - 121)
Toluene-d8	102
	(84 - 138)
Bromofluorobenzene	97
	(59 - 113)

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LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
BATCH	: 112603	DATE ANALYZED	: 12/01/03
CLIENT	: METRIC CORPORATION	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.20	88	59-172
BENZENE	2.50	2.39	96	66-142
TRICHLOROETHENE	2.50	2.37	95	62-137
TOLUENE	2.50	2.51	100	59-139
CHLOROBENZENE	2.50	2.59	104	60-133

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MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311110
SPIKED SAMPLE	: 311106-01	DATE ANALYZED	: 12/01/03
CLIENT	: METRIC CORPORATION	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.01	2.04	80	82	1	22	59-172
BENZENE	<0.05	2.50	2.16	2.25	86	90	4	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.12	2.23	85	89	5	24	62-137
TOLUENE	<0.05	2.50	2.26	2.38	90	95	5	21	59-139
CHLOROBENZENE	<0.05	2.50	2.31	2.44	92	98	5	21	60-133

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Report

For: Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107

CC:

Order Number: C312037
SDG Number:
Client Project ID:
Project: 311110 MC-PERSON LEACH FIELDS
Report Date: 12/16/2003
Sampled By: Client
Sample Received Date: 12/02/2003
Requisition Number:
Purchase Order:

Lance Larson, Project Manager
llarson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Sample Summary

Order: C312037
Date Received: 12/02/2003

Client: Pinnacle Laboratories
Project: 311110 MC-PERSON LEACH FIELDS

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
SB-9-4'/311110-01	C312037*1	Solid	11/26/2003 09:40
SB-10-6'/311110-02	C312037*2	Solid	11/26/2003 10:20
SB-11-9'/311110-03	C312037*3	Solid	11/26/2003 11:15
SB-12-6'/311110-04	C312037*4	Solid	11/26/2003 11:50

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-1	SB-9-4'/311110-01	Solid	12/02/03	11/26/03 09:40	
12037-2	SB-10-6'/311110-02	Solid	12/02/03	11/26/03 10:20	
12037-3	SB-11-9'/311110-03	Solid	12/02/03	11/26/03 11:15	
12037-4	SB-12-6'/311110-04	Solid	12/02/03	11/26/03 11:50	

Parameter	Units	Lab Sample IDs 12037-1	12037-2	12037-3	12037-4
RCRA Metals (6010B)					
Arsenic	mg/kg dw	1.8	1.4	2.2	1.6
Barium	mg/kg dw	42	62	69	31
Cadmium	mg/kg dw	<0.51	<0.51	<0.46	<0.49
Chromium	mg/kg dw	3.8	5.2	5.2	4.1
Lead	mg/kg dw	3.4	4.0	3.8	3.0
Selenium	mg/kg dw	<1.0	<1.0	<0.93	<0.99
Silver	mg/kg dw	<0.51	<0.51	<0.46	<0.49
Percent Solids		95	94	97	98
Dilution Factor		1	1	1	1
Prep Date		12/04/03	12/04/03	12/04/03	12/04/03
Analysis Date		12/05/03	12/06/03	12/06/03	12/06/03
Batch ID		PS296	PS296	PS296	PS296
Prep Method		3050B	3050B	3050B	3050B
Analyst		GSP	GSP	GSP	GSP
Quantitation Factor		0.9615	0.9524	0.9009	0.9709
Mercury (7471A)					
Mercury	mg/kg dw	<0.0087	0.011	<0.0084	<0.0082
Percent Solids		95	94	97	98
Dilution Factor		1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03
Analysis Date		12/03/03	12/03/03	12/03/03	12/03/03
Batch ID		HGS070	HGS070	HGS070	HGS070
Prep Method		7471A	7471A	7471A	7471A
Analyst		JDE	JDE	JDE	JDE

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-1	SB-9-4'/311110-01	Solid	12/02/03	11/26/03 09:40	
12037-2	SB-10-6'/311110-02	Solid	12/02/03	11/26/03 10:20	
12037-3	SB-11-9'/311110-03	Solid	12/02/03	11/26/03 11:15	
12037-4	SB-12-6'/311110-04	Solid	12/02/03	11/26/03 11:50	

Parameter	Units	Lab Sample IDs 12037-1	12037-2	12037-3	12037-4
Semivolatile Organic Compounds (8270C)					
Benzoic acid	ug/kg dw	<1700	<1800	<1700	<1700
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<350	<350	<340	<340
2-Chlorophenol	ug/kg dw	<350	<350	<340	<340
2,4-Dichlorophenol	ug/kg dw	<350	<350	<340	<340
2,6-Dichlorophenol	ug/kg dw	<350	<350	<340	<340
2,4-Dimethylphenol	ug/kg dw	<350	<350	<340	<340
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	<1800	<1700	<1700
2,4-Dinitrophenol	ug/kg dw	<1700	<1800	<1700	<1700
2-Methylphenol (o-Cresol)	ug/kg dw	<350	<350	<340	<340
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<350	<350	<340	<340
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<350	<350	<340	<340
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	<1800	<1700	<1700
Pentachlorophenol	ug/kg dw	<1700	<1800	<1700	<1700
Phenol	ug/kg dw	<350	<350	<340	<340
2,4,5-Trichlorophenol	ug/kg dw	<1700	<1800	<1700	<1700
2,4,6-Trichlorophenol	ug/kg dw	<350	<350	<340	<340
Acenaphthene	ug/kg dw	<350	<350	<340	<340
Acenaphthylene	ug/kg dw	<350	<350	<340	<340
Anthracene	ug/kg dw	<350	<350	<340	<340
Benzidine	ug/kg dw	<1700	<1800	<1700	<1700
Benzo(a)anthracene	ug/kg dw	<350	<350	<340	<340
Benzo(b)fluoranthene	ug/kg dw	<350	<350	<340	<340
Benzo(k)fluoranthene	ug/kg dw	<350	<350	<340	<340
Benzo(g,h,i)perylene	ug/kg dw	<350	<350	<340	<340

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-1	SB-9-4'/311110-01	Solid	12/02/03	11/26/03 09:40	
12037-2	SB-10-6'/311110-02	Solid	12/02/03	11/26/03 10:20	
12037-3	SB-11-9'/311110-03	Solid	12/02/03	11/26/03 11:15	
12037-4	SB-12-6'/311110-04	Solid	12/02/03	11/26/03 11:50	

Parameter	Units	Lab Sample IDs 12037-1	12037-2	12037-3	12037-4
Semivolatile Organic Compounds (8270C)					
Benzo(a)pyrene	ug/kg dw	<350	<350	<340	<340
Benzyl alcohol	ug/kg dw	<350	<350	<340	<340
4-Bromophenylphenyl ether	ug/kg dw	<350	<350	<340	<340
Butylbenzylphthalate	ug/kg dw	<350	<350	<340	<340
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<350	<350	<340	<340
bis(2-Chloroethoxy)methane	ug/kg dw	<350	<350	<340	<340
bis(2-Chloroethyl)ether	ug/kg dw	<350	<350	<340	<340
bis(2-Chloroisopropyl) ether	ug/kg dw	<350	<350	<340	<340
2-Chloronaphthalene	ug/kg dw	<350	<350	<340	<340
4-Chlorophenylphenyl ether	ug/kg dw	<350	<350	<340	<340
Chrysene	ug/kg dw	<350	<350	<340	<340
Dibenzo(a,h)anthracene	ug/kg dw	<350	<350	<340	<340
Dibenzofuran	ug/kg dw	<350	<350	<340	<340
Di-n-butylphthalate	ug/kg dw	<350	<350	<340	<340
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<350	<350	<340	<340
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<350	<350	<340	<340
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<350	<350	<340	<340
3,3'-Dichlorobenzidine	ug/kg dw	<1700	<1800	<1700	<1700
Diethylphthalate	ug/kg dw	<350	<350	<340	<340
Dimethylphthalate	ug/kg dw	<350	<350	<340	<340
2,4-Dinitrotoluene	ug/kg dw	<350	<350	<340	<340
2,6-Dinitrotoluene	ug/kg dw	<350	<350	<340	<340
Di-n-octylphthalate	ug/kg dw	<350	<350	<340	<340

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-1	SB-9-4'/311110-01	Solid	12/02/03	11/26/03 09:40	
12037-2	SB-10-6'/311110-02	Solid	12/02/03	11/26/03 10:20	
12037-3	SB-11-9'/311110-03	Solid	12/02/03	11/26/03 11:15	
12037-4	SB-12-6'/311110-04	Solid	12/02/03	11/26/03 11:50	

Parameter	Units	Lab Sample IDs 12037-1	12037-2	12037-3	12037-4
Semivolatile Organic Compounds (8270C)					
1,2-Diphenylhydrazine	ug/kg dw	<350	<350	<340	<340
bis(2-Ethylhexyl)phthalate	ug/kg dw	<350	<350	<340	<340
Fluoranthene	ug/kg dw	<350	<350	<340	<340
Fluorene	ug/kg dw	<350	<350	<340	<340
Hexachlorobenzene	ug/kg dw	<350	<350	<340	<340
Hexachlorobutadiene	ug/kg dw	<350	<350	<340	<340
Hexachlorocyclopentadiene	ug/kg dw	<350	<350	<340	<340
Hexachloroethane	ug/kg dw	<350	<350	<340	<340
Indeno(1,2,3-cd)pyrene	ug/kg dw	<350	<350	<340	<340
Isophorone	ug/kg dw	<350	<350	<340	<340
1-Methylnaphthalene	ug/kg dw	<350	<350	<340	<340
2-Methylnaphthalene	ug/kg dw	<350	<350	<340	<340
Naphthalene	ug/kg dw	<350	<350	<340	<340
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<350	<350	<340	<340
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<350	<350	<340	<340
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<350	<350	<340	<340
Nitrobenzene	ug/kg dw	<350	<350	<340	<340
N-Nitrosodi-n-butylamine	ug/kg dw	<350	<350	<340	<340
N-Nitrosodimethylamine	ug/kg dw	<350	<350	<340	<340
N-Nitrosodiphenylamine	ug/kg dw	<350	<350	<340	<340
n-Nitrosodi-n-propylamine	ug/kg dw	<350	<350	<340	<340
Phenanthrene	ug/kg dw	<350	<350	<340	<340
Pyrene	ug/kg dw	<350	<350	<340	<340
1,2,4-Trichlorobenzene	ug/kg dw	<350	<350	<340	<340

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-1	SB-9-4'/311110-01	Solid	12/02/03	11/26/03 09:40	
12037-2	SB-10-6'/311110-02	Solid	12/02/03	11/26/03 10:20	
12037-3	SB-11-9'/311110-03	Solid	12/02/03	11/26/03 11:15	
12037-4	SB-12-6'/311110-04	Solid	12/02/03	11/26/03 11:50	

Parameter	Units	Lab Sample IDs 12037-1	12037-2	12037-3	12037-4
Semivolatile Organic Compounds (8270C)					
Surrogate - 2-Fluorobiphenyl *	%	41 %*	71 %	67 %	58 %
Surrogate - 2-Fluorophenol *	%	41 %	69 %	65 %	55 %
Surrogate - Nitrobenzene-d5 *	%	44 %	76 %	71 %	61 %
Surrogate - Phenol-d5 *	%	44 %	73 %	68 %	59 %
Surrogate - Terphenyl-d14 *	%	47 %	81 %	74 %	67 %
Surrogate - 2,4,6-Tribromophenol *	%	46 %	82 %	75 %	66 %
Percent Solids		95	94	97	98
Dilution Factor		1	1	1	1
Prep Date		12/10/03	12/10/03	12/10/03	12/10/03
Analysis Date		12/11/03	12/11/03	12/12/03	12/12/03
Batch ID		ALS117	ALS117	ALS117	ALS117
Prep Method		3550B	3550B	3550B	3550B
Analyst		RDW	RDW	RDW	RDW
Quantitation Factor		34.65	35.32	33.95	33.80

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-5	Method Blank	Solid	12/02/03		
12037-6	Lab Control Standard % Recovery	Solid	12/02/03		
12037-7	Matrix Spike % Recovery	Solid	12/02/03		
12037-8	Matrix Spike Duplicate % Recovery	Solid	12/02/03		

Parameter	Units	Lab Sample IDs 12037-5	12037-6	12037-7	12037-8
RCRA Metals (6010B)					
Arsenic	mg/kg dw	<0.50	95 %	96 %	94 %
Barium	mg/kg dw	<1.0	95 %	108 %	98 %
Cadmium	mg/kg dw	<0.50	93 %	96 %	92 %
Chromium	mg/kg dw	<0.50	94 %	99 %	96 %
Lead	mg/kg dw	<0.50	93 %	98 %	96 %
Selenium	mg/kg dw	<1.0	91 %	90 %	87 %
Silver	mg/kg dw	<0.50	101 %	99 %	96 %
Dilution Factor		1			
Prep Date		12/04/03			
Analysis Date		12/05/03			
Batch ID		PS296	PS296	PS296	PS296
Prep Method		3050B			
Analyst		GSP			
Quantitation Factor		1.000			
Mercury (7471A)					
Mercury	mg/kg dw	<0.0083	98 %	105 %	105 %
Dilution Factor		1			
Prep Date		12/03/03			
Analysis Date		12/03/03			
Batch ID		HGS070	HGS070	HGS070	HGS070
Prep Method		7471A			
Analyst		JDE			

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-5	Method Blank	Solid	12/02/03		
12037-6	Lab Control Standard % Recovery	Solid	12/02/03		
12037-7	Matrix Spike % Recovery	Solid	12/02/03		
12037-8	Matrix Spike Duplicate % Recovery	Solid	12/02/03		

Parameter	Units	Lab Sample IDs 12037-5	12037-6	12037-7	12037-8
Semivolatile Organic Compounds (8270C)					
Benzoic acid	ug/kg dw	<1700	123 %	101 %	107 %
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<330	98 %	73 %	91 %
2-Chlorophenol	ug/kg dw	<330	81 %	54 %	75 %
2,4-Dichlorophenol	ug/kg dw	<330	87 %	61 %	81 %
2,6-Dichlorophenol	ug/kg dw	<330	N/A	N/A	N/A
2,4-Dimethylphenol	ug/kg dw	<330	84 %	63 %	84 %
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	81 %	49 %	57 %
2,4-Dinitrophenol	ug/kg dw	<1700	126 %	95 %	101 %
2-Methylphenol (o-Cresol)	ug/kg dw	<330	84 %	60 %	81 %
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<330	90 %	63 %	86 %
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<330	79 %	55 %	73 %
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	90 %	74 %	84 %
Pentachlorophenol	ug/kg dw	<1700	88 %	73 %	81 %
Phenol	ug/kg dw	<330	88 %	62 %	85 %
2,4,5-Trichlorophenol	ug/kg dw	<1700	87 %	70 %	83 %
2,4,6-Trichlorophenol	ug/kg dw	<330	86 %	67 %	81 %
Acenaphthene	ug/kg dw	<330	83 %	67 %	79 %
Acenaphthylene	ug/kg dw	<330	87 %	70 %	83 %
Anthracene	ug/kg dw	<330	93 %	79 %	87 %
Benzidine	ug/kg dw	<1700	N/A	N/A	N/A
Benzo(a)anthracene	ug/kg dw	<330	88 %	78 %	83 %
Benzo(b)fluoranthene	ug/kg dw	<330	88 %	80 %	82 %
Benzo(k)fluoranthene	ug/kg dw	<330	100 %	91 %	98 %
Benzo(g,h,i)perylene	ug/kg dw	<330	103 %	92 %	98 %

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-5	Method Blank	Solid	12/02/03		
12037-6	Lab Control Standard % Recovery	Solid	12/02/03		
12037-7	Matrix Spike % Recovery	Solid	12/02/03		
12037-8	Matrix Spike Duplicate % Recovery	Solid	12/02/03		

Parameter	Units	Lab Sample IDs 12037-5	12037-6	12037-7	12037-8
Semivolatile Organic Compounds (8270C)					
Benzo(a)pyrene	ug/kg dw	<330	96 %	84 %	90 %
Benzyl alcohol	ug/kg dw	<330	95 %	64 %	89 %
4-Bromophenylphenyl ether	ug/kg dw	<330	90 %	77 %	85 %
Butylbenzylphthalate	ug/kg dw	<330	84 %	79 %	80 %
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<330	63 %	37 %	43 %
bis(2-Chloroethoxy)methane	ug/kg dw	<330	85 %	59 %	81 %
bis(2-Chloroethyl)ether	ug/kg dw	<330	85 %	57 %	83 %
bis(2-Chloroisopropyl) ether	ug/kg dw	<330	89 %	58 %	82 %
2-Chloronaphthalene	ug/kg dw	<330	74 %	56 %	70 %
4-Chlorophenylphenyl ether	ug/kg dw	<330	92 %	74 %	85 %
Chrysene	ug/kg dw	<330	87 %	78 %	82 %
Dibenzo(a,h)anthracene	ug/kg dw	<330	100 %	89 %	96 %
Dibenzofuran	ug/kg dw	<330	89 %	72 %	84 %
Di-n-butylphthalate	ug/kg dw	<330	94 %	85 %	88 %
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<330	76 %	48 %	71 %
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<330	73 %	46 %	67 %
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<330	73 %	47 %	68 %
3,3'-Dichlorobenzidine	ug/kg dw	<1700	69 %	48 %	47 %
Diethylphthalate	ug/kg dw	<330	97 %	84 %	90 %
Dimethylphthalate	ug/kg dw	<330	91 %	77 %	87 %
2,4-Dinitrotoluene	ug/kg dw	<330	95 %	82 %	89 %
2,6-Dinitrotoluene	ug/kg dw	<330	92 %	78 %	87 %
Di-n-octylphthalate	ug/kg dw	<330	88 %	81 %	83 %

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-5	Method Blank	Solid	12/02/03		
12037-6	Lab Control Standard % Recovery	Solid	12/02/03		
12037-7	Matrix Spike % Recovery	Solid	12/02/03		
12037-8	Matrix Spike Duplicate % Recovery	Solid	12/02/03		

Parameter	Units	Lab Sample IDs 12037-5	12037-6	12037-7	12037-8
Semivolatile Organic Compounds (8270C)					
1,2-Diphenylhydrazine	ug/kg dw	<330	101 %	84 %	95 %
bis(2-Ethylhexyl)phthalate	ug/kg dw	<330	87 %	82 %	83 %
Fluoranthene	ug/kg dw	<330	98 %	84 %	89 %
Fluorene	ug/kg dw	<330	90 %	73 %	84 %
Hexachlorobenzene	ug/kg dw	<330	95 %	82 %	90 %
Hexachlorobutadiene	ug/kg dw	<330	81 %	54 %	75 %
Hexachlorocyclopentadiene	ug/kg dw	<330	99 %	71 %	96 %
Hexachloroethane	ug/kg dw	<330	79 %	50 %	73 %
Indeno(1,2,3-cd)pyrene	ug/kg dw	<330	100 %	89 %	95 %
Isophorone	ug/kg dw	<330	96 %	68 %	90 %
1-Methylnaphthalene	ug/kg dw	<330	90 %	63 %	84 %
2-Methylnaphthalene	ug/kg dw	<330	82 %	58 %	77 %
Naphthalene	ug/kg dw	<330	77 %	54 %	72 %
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<330	101 %	81 %	94 %
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<330	95 %	66 %	70 %
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<330	99 %	79 %	89 %
Nitrobenzene	ug/kg dw	<330	89 %	61 %	83 %
N-Nitrosodi-n-butylamine	ug/kg dw	<330	N/A	N/A	N/A
N-Nitrosodimethylamine	ug/kg dw	<330	91 %	55 %	85 %*
N-Nitrosodiphenylamine	ug/kg dw	<330	51 %	44 %	48 %
n-Nitrosodi-n-propylamine	ug/kg dw	<330	98 %	68 %	94 %
Phenanthrene	ug/kg dw	<330	93 %	80 %	88 %
Pyrene	ug/kg dw	<330	82 %	75 %	77 %
1,2,4-Trichlorobenzene	ug/kg dw	<330	82 %	55 %	76 %

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
12037-5	Method Blank	Solid	12/02/03		
12037-6	Lab Control Standard % Recovery	Solid	12/02/03		
12037-7	Matrix Spike % Recovery	Solid	12/02/03		
12037-8	Matrix Spike Duplicate % Recovery	Solid	12/02/03		

Parameter	Units	Lab Sample IDs 12037-5	12037-6	12037-7	12037-8
Semivolatile Organic Compounds (8270C)					
Surrogate - 2-Fluorobiphenyl *	%	82 %	86 %	62 %	77 %
Surrogate - 2-Fluorophenol *	%	71 %	84 %	54 %	75 %
Surrogate - Nitrobenzene-d5 *	%	83 %	89 %	59 %	79 %
Surrogate - Phenol-d5 *	%	80 %	89 %	60 %	81 %
Surrogate - Terphenyl-d14 *	%	94 %	97 %	85 %	85 %
Surrogate - 2,4,6-Tribromophenol *	%	102 %	110 %	91 %	98 %
Dilution Factor		1			
Prep Date		12/10/03			
Analysis Date		12/11/03			
Batch ID		ALS117	ALS117	ALS117	ALS117
Prep Method		3550B			
Analyst		RDW			
Quantitation Factor		33.33			

STL Pensacola
PROJECT SAMPLE INSPECTION FORM

TRENT STL

Lab Order #: C312037 Date Received: 12/2/03

1. Was there a Chain of Custody? (Yes) No+
2. Was Chain of Custody properly filled out and relinquished? (Yes) No+
3. Were all samples properly labeled and identified? (Yes) No+
4. Were samples received cold? (Criteria: 2° - 6°C: STL-SOP 1055) (Yes) No+ N/A
5. Did samples require splitting or compositing♦? Yes+ (No)
6. Were samples received in proper containers for analysis requested? (Yes) No+
7. Were all sample containers received intact? (Yes) No+
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)*+ (Yes) No+ (N/A) [illegible]
9. Is there sufficient volume for analysis requested? (Yes) No+ N/A *(Can)*
10. Were samples received within Holding Time? (REFER TO STL-SOP 1040) (Yes) No+
11. Is Headspace visible > ¼" in diameter in VOA vials?* Yes+ No (N/A)
12. **Were Trip Blanks Received?** Yes No (N/A)
13. If sent, were matrix spike bottles returned? Yes No+ (N/A)
14. If sent, were T-Handles returned? Yes No+ (N/A)
15. If any issues, how was PM notified? PSIF ☐ Verbal ☐

Airbill Number(s): 1Z8778168 01 4360 1141 **Shipped By** (UPS) FedX HD BUS ABX

(HD – Hand Delivery)

Cooler Numbers & Temp(s) (°C): Chest 2.5°C CCK1

(IE. 340L-4°C-CCK8 -- LIST THERMOMETER NUMBER FOR VERIFICATION)

Out of Control Events and Inspection Comments (list sample IDs/Tests where appropriate):

1-3. COC/Sample ID/COC discrepancy:

4. Insufficient Ice ☐ Delay in delivery ☐ Other ☐
5. Samples were Split ☐ Composited ☐ Requested by: Client ☐ PM ☐ Other:
6. Improper Containers (ID/Size/desc):
7. Broken bottles/Test:
8. Incorrect pH:
9. Test/Matrix/Volume:
10. Out of Holding Time/Test:
11. VOA headspace >1/4" (list ~ size)

List additional comments by above number: Samples must be shared by Metals and Ext

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: MHS **Date:** 12/2/03 **Logged By:** LHK **Date:** 02-Dec-03

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples(pH, Dissolved O2, Residual CL) as out of hold time, therefore, these samples will not be documented on this PSIF.*

♦ *All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting (compositing)"*

\+ *All pH results for North Carolina, New York, and other requested samples are to be recorded on the pH log provided (STL-SOP 938).*

• *According to EPA, ¼" of headspace is acceptable in 40 ml vials requiring volatile analysis.*

SEVERN TRENT STL

Organic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
D	The result was obtained from a dilution.
E	The result exceeds the calibration range.
J	Estimated value because the analyte concentration is less than the reporting limit.
M	A matrix effect was present.
N	Presumptive evidence of a compound. The compound was identified qualitatively or as a Tentatively Identified Compound.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
P	Second-column or detector confirmation exceeded method criteria. Appropriate value is reported and data is flagged/qualified as instructed by method/regulation.
U or < or ND	The analyte was not detected.
*	The result is not within control limit(s).

Inorganic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
E	The reported value is estimated because of the presence of interference.
J	Estimated value because the analyte concentration is less than the reporting limit.
N	The spiked sample recovery is not within control limits.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
U or < or ND	The analyte was not detected.
*	Duplicate analysis not within control limits
M	The duplicate injection precision was not met.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance and post spike recovery is greater than or equal to 40%, the sample is flagged with a "W" and no further action is required.
+	The Standard Additions Correlation Coefficient is <0.995.

It is permissible to submit an Out-of-Control Events/Corrective Action form and/or Case Narrative in lieu of using above qualifiers.

When the laboratory receives a sample that does not meet EPA requirements for sample collection, preservation or holding time, the laboratory is required to reject the samples. The client must be notified and asked whether the lab should proceed with analysis. Data from any samples that do not meet sample acceptance criteria (collection, preservation and holding time), must be flagged, or noted on a corrective action form or case narrative, or addressed on the Project Sample Inspection Form (PSIF) in an unambiguous manner clearly defining the nature and substance of the variation. NPDES samples from North Carolina that do not meet EPA requirements for sample collection, preservation or holding time are non-reportable for NPDES compliance monitoring.

Abbreviations

ND	Not Detected at or above the STL Pensacola reporting limit (RL)
NS	Not Submitted
NA	Not Applicable
MDL	STL Pensacola Method Detection Limit
RL	STL Pensacola Reporting Limit
NoMS	Not enough sample provided to prepare and/or analyze a method-required matrix spike (MS) and/or duplicate (MSD)

Florida Projects Inorganic/Organic

Refer to FL DEP 62-160; Table 4 Data Qualifier Codes. FL DEP Rule 62-160, Table 1 lists the Florida sites which require data qualifiers.

Arizona DEQ Projects

Any qualified data submitted to Arizona DEQ (ADEQ) after January 1, 2001 must be designated using the Arizona Data Qualifiers as developed by the Arizona ELAC technical subcommittee. Refer to the ADEQ qualifier list.

Severn Trent Laboratories Inc.
STL Pensacola • 3355 McLemore Dr • Pensacola, FL 32514
Tel 850 474 1001 Fax 850 484 5315 • *www.stl-inc.com*

Revised/Effective: 10-24-03.

SEVERN TRENT STL

STL PENSACOLA
Certifications, Memberships & Affiliations

Alabama *Department of Environmental Management, Laboratory ID No. 40150 (Drinking Water by Reciprocity with FL)*

Arizona *Department of Health Services, Lab ID No. AZ0589 (Hazardous Waste & Wastewater)*

Arkansas *Department of Pollution Control and Ecology, (88-0689) (Environmental)*

California *Department of Health Services,* ***ELAP*** *Laboratory ID No. I-2510 (Hazardous Waste and Wastewater)*

Connecticut *Department of Health Services, Connecticut Lab Approval No. PH-0697 (D W, H W and Wastewater)*

Florida *DOH,* ***NELAP*** *Laboratory ID No. E81010 (Drinking Water, Hazardous Waste and Wastewater)*

Florida *DEP/DOH CompQAP # 980156*

Illinois *Environmental Laboratory Accreditation Program (ELAP),* ***NELAP*** *Laboratory ID No. 200041 (Wastewater and Hazardous Waste)*

Iowa *Department of Natural Resources, Laboratory ID No. 367 (WW & UST)*

Kansas *Department of Health & Environment,* ***NELAP*** *Laboratory ID No. E10253 (Wastewater and Hazardous Waste)*

Kentucky *NR&EPC, Laboratory ID No. 90043 (Drinking Water)*

Louisiana *DEQ, LELAP,* ***NELAP*** *Laboratory ID No. 02075, Agency Interest ID 30748 (Environmental)*

Maryland *DH&MH Laboratory ID No. 233 (Drinking Water by Reciprocity with Florida)*

Massachusetts *DEP, Laboratory ID No. M-FL094 (Wastewater)*

Michigan *Bureau of E&OccH, Laboratory ID No.9912 (Drinking Water by Reciprocity with Florida)*

New Hampshire *DES ELAP,* ***NELAP*** *Laboratory ID No. 250502 (Drinking Water & Wastewater)*

New Jersey *DEP&E,* ***NELAP*** *Laboratory ID No. FL006 (Wastewater and Hazardous Waster)*

North Carolina *DENR, Laboratory ID No. 314 (Hazardous Waste and Wastewater)*

North Dakota *DH&Consol Labs, Laboratory ID No. R-108 Wastewater and Hazardous Waste by Reciprocity with Florida)*

Oklahoma *Department of Environmental Quality, Laboratory ID No. 9810 (Hazardous Waste and Wastewater)*

Pennsylvania *Department of Environmental Resources,* ***NELAP*** *Laboratory ID No. 68-467 (Drinking Water & Wastewater)*

South Carolina *DH&EC, Laboratory ID No. 96026 (Wastewater & Solids/Hazardous Waste by Reciprocity with FL)*

Tennessee *Department of Health & Environment, Laboratory ID No. 02907 (Drinking Water)*

Virginia *Department of General Services, Laboratory ID No. 00008 (Drinking Water by Reciprocity with FL)*

West Virginia *DOE, Office of Water Resources, Laboratory ID No. 136 (Haz Waste and Wastewater)*

AIHA *(American Industrial Hygiene Association) Accredited Laboratory, Laboratory ID No. 100704. Participant in AIHA sponsored Laboratory PAT Rounds*

EPA ICR *(Information Collection Rule) Approved Laboratory, Laboratory ID No. ICRFL031*

NFESC *(Naval Facilities Engineering Services Center)*

USACE *(United States Army Corps. of Engineers), MRD*

STL Pensacola also has a foreign soil permit to accept soils from locations other than the continental United States. Permit No. S-37599

certlist|condcert.lst revised 10/15/03

Total Pages of Report 16

Pinnacle Laboratories, Inc. **Interlab Chain of Custody** Date: 12/1/03 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

C312037

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)		TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
SB-9-4'/311110-01	11/26/03	0940	NAQ		X																		X					
SB-10-6'/311110-02	↓	1020	↓		X																		X					
SB-11-9'/311110-03	↓	1115	↓		X																		X					
SB-12-6'/311110-04	↓	1150	↓		X																		X					

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:	
PROJECT #: 311110		Total Number of Containers		PENSACOLA - STL-FL	X
PROJ. NAME: MC		Chain of Custody Seals		ESL - OR	
QC LEVEL: STD. iV		Received Intact?		ATEL - AZ	
QC REQUIRED: MS MSD BLANK		Received Good Cond./Cold		ATEL - MARION	
TAT: STANDARD RUSH!!		LAB NUMBER:		ATEL - MELMORE	
				EHL	
DUE DATE: 12/12	COMMENTS:			GEL	
RUSH SURCHARGE: —				U OF MIAMI	
CLIENT DISCOUNT: —				WCAS	
SPECIAL CERTIFICATION REQUIRED: YES NO				WOHL	

RELINQUISED BY: 1.	RELINQUISED BY: 2.
Signature: Francine Tarino Time: 1700	Signature: Time:
Printed Name: Francine Tarino Date: 12/1/03	Printed Name: Date:
Pinnacle Laboratories, Inc.	Company
RECEIVED BY: 1.	**RECEIVED BY: 2.**
Signature: Matt Scofford Time: 945	Signature: Time:
Printed Name: Date: 12/2/03	Printed Name: Date:
Company STL(PW)	Company

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 11-26-03 PAGE: 1 OF 1

PLI Accession #: 311110

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Gary L. Richardson

COMPANY: METRK Corporation
ADDRESS: 8429 Washington PL. N.E. #A
Albuquerque N.M. 87113
PHONE: 505-828-2801
FAX: 505-828-2003

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐BMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
SB-9-4'	11-26-03	09:40	Soil	01												X					X						X				2
SB-10-6'	11-26-03	10:20	Soil	02												X					X						X				2
SB-11-9'	11-26-03	11:15	Soil	03												X					X						X				2
SB-12-6'	11-26-03	11:50	Soil	04												X					X						X				2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.:
PROJ. NAME: Parson Loach fields
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	8
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Y
BLUE ICE/COLD	10.7

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS: Direct from field

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Time: 12:34	Signature: Time:
Printed Name: Gary Richardson Date: 11-26-03	Printed Name: Date:
Company: Metric Corp	Company:
See Reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: 1234
Printed Name: Date:	Printed Name: HM Richmond Date: 11.26.03
Company:	Pinnacle Laboratories Inc.

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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Pinnacle Lab ID number **311106**
December 19, 2003

METRIC CORPORATION
8429 WASHINGTON PLACE NE
ALBUQUERQUE, NM 87113

Project Name PERSON
Project Number PERSON LEACH FIELDS

Attention: GARY RICHARDSON

On 11/25/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Severn Trent Laboratories, Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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IENT	: METRIC CORPORATION	PINNACLE ID	: 311106
ROJECT #	: PERSON LEACH FIELDS	DATE RECEIVED	: 11/25/03
PROJECT NAME	: PERSON	REPORT DATE	: 12/19/03

NNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
311106 - 01	SB-1-5'	NON-AQ	11/25/03
1106 - 02	SB-2-5'	NON-AQ	11/25/03
1106 - 03	SB-3-6'	NON-AQ	11/25/03
311106 - 04	SB-4-5'	NON-AQ	11/25/03
311106 - 05	SB-5-8'	NON-AQ	11/25/03
1106 - 06	SB-6-7'	NON-AQ	11/25/03
1106 - 07	SB-7-8'	NON-AQ	11/25/03
311106 - 08	SB-8-7'	NON-AQ	11/25/03

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-01	SB-1-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-01	SB-1-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	98 (70 - 121)
Toluene-d8	97 (84 - 138)
Bromofluorobenzene	93 (59 - 113)

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PINNACLE LABORATORIES

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-02	SB-2-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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PINNACLE LABORATORIES

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-02	SB-2-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	95	(70 - 121)
Toluene-d8	96	(84 - 138)
Bromofluorobenzene	91	(59 - 113)

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-03	SB-3-6'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-03	SB-3-6'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	96	(70 - 121)
Toluene-d8	96	(84 - 138)
Bromofluorobenzene	92	(59 - 113)

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PINNACLE LABORATORIES

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-04	SB-4-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-04	SB-4-5'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	96	(70 - 121)
Toluene-d8	94	(84 - 138)
Bromofluorobenzene	90	(59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-05	SB-5-8'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

PINNACLE LABORATORIES

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-05	SB-5-8'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	99	(70 - 121)
Toluene-d8	100	(84 - 138)
Bromofluorobenzene	95	(59 - 113)

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-06	SB-6-7'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-06	SB-6-7'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	98
	(70 - 121)
Toluene-d8	98
	(84 - 138)
Bromofluorobenzene	93
	(59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-07	SB-7-8'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-07	SB-7-8'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	95	(70 - 121)
Toluene-d8	96	(84 - 138)
Bromofluorobenzene	91	(59 - 113)

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-08	SB-8-7'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION	DATE RECEIVED	: 11/25/03
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
311106-08	SB-8-7'	SOIL	11/25/03	11/26/03	12/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1.2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	96	(70 - 121)
Toluene-d8	97	(84 - 138)
Bromofluorobenzene	92	(59 - 113)

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION		
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	112603	SOIL	11/26/03	12/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

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GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
CLIENT	: METRIC CORPORATION		
PROJECT #	: PERSON LEACH FIELDS	INSTRUMENT ID	: GCMS2
PROJECT NAME	: PERSON	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	112603	SOIL	11/26/03	12/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	101 (70 - 121)
Toluene-d8	102 (84 - 138)
Bromofluorobenzene	97 (59 - 113)

PINNACLE LABORATORIES

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LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
BATCH	: 112603	DATE ANALYZED	: 12/01/03
CLIENT	: METRIC CORPORATION	UNITS	: mg/kg (PPM)
PROJECT #	: PERSON LEACH FIELDS	MATRIX	: SOIL
PROJECT NAME	: PERSON	INSTRUMENT ID	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.20	88	59-172
BENZENE	2.50	2.39	96	66-142
TRICHLOROETHENE	2.50	2.37	95	62-137
TOLUENE	2.50	2.51	100	59-139
CHLOROBENZENE	2.50	2.59	104	60-133

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PINNACLE LABORATORIES

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 311106
SPIKED SAMPLE	: 311106-01	DATE ANALYZED	: 12/01/03
CLIENT	: METRIC CORPORATION	UNITS	: mg/kg (PPM)
PROJECT #	: PERSON LEACH FIELDS	MATRIX	: SOIL
PROJECT NAME	: PERSON	INSTRUMENT ID	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.01	2.04	80	82	1	22	59-172
BENZENE	<0.05	2.50	2.16	2.25	86	90	4	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.12	2.23	85	89	5	24	62-137
TOLUENE	<0.05	2.50	2.26	2.38	90	95	5	21	59-139
CHLOROBENZENE	<0.05	2.50	2.31	2.44	92	98	5	21	60-133

SEVERN TRENT STL

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Analytical Report

For: Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107
CC:

Order Number: C311762
SDG Number:
Client Project ID:
Project: 311106 MC/PERSON LEACH FIELDS
Report Date: 12/12/2003
Sampled By: Client
Sample Received Date: 11/26/2003
Requisition Number:
Purchase Order:

Lance Larson, Project Manager
llarson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Sample Summary

Order: C311762
Date Received: 11/26/2003

Client: Pinnacle Laboratories
Project: 311106 MC/PERSON LEACH FIELDS

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
SB-1-5'/311106-01	C311762*1	Solid	11/25/2003 10:10
SB-2-5'/311106-02	C311762*2	Solid	11/25/2003 11:00
SB-3-6'/311106-03	C311762*3	Solid	11/25/2003 11:50
SB-4-5'/311106-04	C311762*4	Solid	11/25/2003 12:30
SB-5-8'/311106-05	C311762*5	Solid	11/25/2003 13:20
SB-6-7'/311106-06	C311762*6	Solid	11/25/2003 14:20
SB-7-8'/311106-07	C311762*7	Solid	11/25/2003 15:00
SB-8-7'/311106-08	C311762*8	Solid	11/25/2003 15:40

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-1	SB-1-5'/311106-01	Solid	11/26/03	11/25/03 10:10	
11762-2	SB-2-5'/311106-02	Solid	11/26/03	11/25/03 11:00	
11762-3	SB-3-6'/311106-03	Solid	11/26/03	11/25/03 11:50	
11762-4	SB-4-5'/311106-04	Solid	11/26/03	11/25/03 12:30	
11762-5	SB-5-8'/311106-05	Solid	11/26/03	11/25/03 13:20	

Parameter	Units	Lab Sample IDs 11762-1	11762-2	11762-3	11762-4	11762-5
RCRA Metals (6010B)						
Arsenic	mg/kg dw	1.3	2.8	1.3	1.1	3.4
Barium	mg/kg dw	46	47	120	33	70
Cadmium	mg/kg dw	<0.45	<0.35	<0.53	<0.43	<0.42
Chromium	mg/kg dw	4.8	3.0	4.8	4.0	4.2
Lead	mg/kg dw	3.4	7.1	4.2	3.1	4.8
Selenium	mg/kg dw	<0.91	<0.70	<1.1	<0.86	<0.84
Silver	mg/kg dw	<0.45	<0.35	<0.53	<0.43	<0.42
Percent Solids		96	98	94	97	98
Dilution Factor		1	1	1	1	1
Prep Date		12/02/03	12/02/03	12/02/03	12/02/03	12/02/03
Analysis Date		12/03/03	12/03/03	12/04/03	12/04/03	12/04/03
Batch ID		PS295	PS295	PS295	PS295	PS295
Prep Method		3050B	3050B	3050B	3050B	3050B
Analyst		GSP	GSP	GSP	GSP	GSP
Quantitation Factor		0.8696	0.6849	1.000	0.8333	0.8197
Mercury (7471A)						
Mercury	mg/kg dw	<0.0086	0.066	0.23	0.0091	0.011
Percent Solids		96	98	94	97	98
Dilution Factor		1	1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Analysis Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Batch ID		HGS070	HGS070	HGS070	HGS070	HGS070
Prep Method		7471A	7471A	7471A	7471A	7471A
Analyst		JDE	JDE	JDE	JDE	JDE

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-1	SB-1-5'/311106-01	Solid	11/26/03	11/25/03 10:10	
11762-2	SB-2-5'/311106-02	Solid	11/26/03	11/25/03 11:00	
11762-3	SB-3-6'/311106-03	Solid	11/26/03	11/25/03 11:50	
11762-4	SB-4-5'/311106-04	Solid	11/26/03	11/25/03 12:30	
11762-5	SB-5-8'/311106-05	Solid	11/26/03	11/25/03 13:20	

Parameter	Units	Lab Sample IDs 11762-1	11762-2	11762-3	11762-4	11762-5
Semivolatile Organic Compounds (8270C)						
Benzoic acid	ug/kg dw	<1700	<1700	<1800	<1700	<1700
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<340	<340	<350	<340	<340
2-Chlorophenol	ug/kg dw	<340	<340	<350	<340	<340
2,4-Dichlorophenol	ug/kg dw	<340	<340	<350	<340	<340
2,6-Dichlorophenol	ug/kg dw	<340	<340	<350	<340	<340
2,4-Dimethylphenol	ug/kg dw	<340	<340	<350	<340	<340
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	<1700	<1800	<1700	<1700
2,4-Dinitrophenol	ug/kg dw	<1700	<1700	<1800	<1700	<1700
2-Methylphenol (o-Cresol)	ug/kg dw	<340	<340	<350	<340	<340
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<340	<340	<350	<340	<340
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<340	<340	<350	<340	<340
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	<1700	<1800	<1700	<1700
Pentachlorophenol	ug/kg dw	<1700	<1700	<1800	<1700	<1700
Phenol	ug/kg dw	<340	<340	<350	<340	<340
2,4,5-Trichlorophenol	ug/kg dw	<1700	<1700	<1800	<1700	<1700
2,4,6-Trichlorophenol	ug/kg dw	<340	<340	<350	<340	<340
Acenaphthene	ug/kg dw	<340	<340	<350	<340	<340
Acenaphthylene	ug/kg dw	<340	<340	<350	<340	<340
Anthracene	ug/kg dw	<340	<340	<350	<340	<340
Benzidine	ug/kg dw	<1700	<1700	<1800	<1700	<1700
Benzo(a)anthracene	ug/kg dw	<340	<340	<350	<340	<340
Benzo(b)fluoranthene	ug/kg dw	<340	<340	<350	<340	<340
Benzo(k)fluoranthene	ug/kg dw	<340	<340	<350	<340	<340

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-1	SB-1-5'/311106-01	Solid	11/26/03	11/25/03 10:10	
11762-2	SB-2-5'/311106-02	Solid	11/26/03	11/25/03 11:00	
11762-3	SB-3-6'/311106-03	Solid	11/26/03	11/25/03 11:50	
11762-4	SB-4-5'/311106-04	Solid	11/26/03	11/25/03 12:30	
11762-5	SB-5-8'/311106-05	Solid	11/26/03	11/25/03 13:20	

Parameter	Units	Lab Sample IDs 11762-1	11762-2	11762-3	11762-4	11762-5
Semivolatile Organic Compounds (8270C)						
Benzo(g,h,i)perylene	ug/kg dw	<340	<340	<350	<340	<340
Benzo(a)pyrene	ug/kg dw	<340	<340	<350	<340	<340
Benzyl alcohol	ug/kg dw	<340	<340	<350	<340	<340
4-Bromophenylphenyl ether	ug/kg dw	<340	<340	<350	<340	<340
Butylbenzylphthalate	ug/kg dw	<340	<340	<350	<340	<340
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<340	<340	<350	<340	<340
bis(2-Chloroethoxy)methane	ug/kg dw	<340	<340	<350	<340	<340
bis(2-Chloroethyl)ether	ug/kg dw	<340	<340	<350	<340	<340
bis(2-Chloroisopropyl) ether	ug/kg dw	<340	<340	<350	<340	<340
2-Chloronaphthalene	ug/kg dw	<340	<340	<350	<340	<340
4-Chlorophenylphenyl ether	ug/kg dw	<340	<340	<350	<340	<340
Chrysene	ug/kg dw	<340	<340	<350	<340	<340
Dibenzo(a,h)anthracene	ug/kg dw	<340	<340	<350	<340	<340
Dibenzofuran	ug/kg dw	<340	<340	<350	<340	<340
Di-n-butylphthalate	ug/kg dw	<340	<340	<350	<340	<340
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<340	<340	<350	<340	<340
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<340	<340	<350	<340	<340
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<340	<340	<350	<340	<340
3,3'-Dichlorobenzidine	ug/kg dw	<1700	<1700	<1800	<1700	<1700
Diethylphthalate	ug/kg dw	<340	<340	<350	<340	<340
Dimethylphthalate	ug/kg dw	<340	<340	<350	<340	<340
2,4-Dinitrotoluene	ug/kg dw	<340	<340	<350	<340	<340

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-1	SB-1-5'/311106-01	Solid	11/26/03	11/25/03 10:10	
11762-2	SB-2-5'/311106-02	Solid	11/26/03	11/25/03 11:00	
11762-3	SB-3-6'/311106-03	Solid	11/26/03	11/25/03 11:50	
11762-4	SB-4-5'/311106-04	Solid	11/26/03	11/25/03 12:30	
11762-5	SB-5-8'/311106-05	Solid	11/26/03	11/25/03 13:20	

Parameter	Units	Lab Sample IDs 11762-1	11762-2	11762-3	11762-4	11762-5
Semivolatile Organic Compounds (8270C)						
2,6-Dinitrotoluene	ug/kg dw	<340	<340	<350	<340	<340
Di-n-octylphthalate	ug/kg dw	<340	<340	<350	<340	<340
1,2-Diphenylhydrazine	ug/kg dw	<340	<340	<350	<340	<340
bis(2-Ethylhexyl)phthalate	ug/kg dw	<340	<340	<350	<340	<340
Fluoranthene	ug/kg dw	<340	<340	<350	<340	<340
Fluorene	ug/kg dw	<340	<340	<350	<340	<340
Hexachlorobenzene	ug/kg dw	<340	<340	<350	<340	<340
Hexachlorobutadiene	ug/kg dw	<340	<340	<350	<340	<340
Hexachlorocyclopentadiene	ug/kg dw	<340	<340	<350	<340	<340
Hexachloroethane	ug/kg dw	<340	<340	<350	<340	<340
Indeno(1,2,3-cd)pyrene	ug/kg dw	<340	<340	<350	<340	<340
Isophorone	ug/kg dw	<340	<340	<350	<340	<340
1-Methylnaphthalene	ug/kg dw	<340	<340	<350	<340	<340
2-Methylnaphthalene	ug/kg dw	<340	<340	<350	<340	<340
Naphthalene	ug/kg dw	<340	<340	<350	<340	<340
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<340	<340	<350	<340	<340
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<340	<340	<350	<340	<340
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<340	<340	<350	<340	<340
Nitrobenzene	ug/kg dw	<340	<340	<350	<340	<340
N-Nitrosodi-n-butylamine	ug/kg dw	<340	<340	<350	<340	<340
N-Nitrosodimethylamine	ug/kg dw	<340	<340	<350	<340	<340
N-Nitrosodiphenylamine	ug/kg dw	<340	<340	<350	<340	<340
n-Nitrosodi-n-propylamine	ug/kg dw	<340	<340	<350	<340	<340

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-1	SB-1-5'/311106-01	Solid	11/26/03	11/25/03 10:10	
11762-2	SB-2-5'/311106-02	Solid	11/26/03	11/25/03 11:00	
11762-3	SB-3-6'/311106-03	Solid	11/26/03	11/25/03 11:50	
11762-4	SB-4-5'/311106-04	Solid	11/26/03	11/25/03 12:30	
11762-5	SB-5-8'/311106-05	Solid	11/26/03	11/25/03 13:20	

Parameter	Units	Lab Sample IDs 11762-1	11762-2	11762-3	11762-4	11762-5
Semivolatile Organic Compounds (8270C)						
Phenanthrene	ug/kg dw	<340	<340	<350	<340	<340
Pyrene	ug/kg dw	<340	<340	<350	<340	<340
1,2,4-Trichlorobenzene	ug/kg dw	<340	<340	<350	<340	<340
Surrogate - 2-Fluorobiphenyl *	%	69 %	72 %	71 %	72 %	75 %
Surrogate - 2-Fluorophenol *	%	65 %	66 %	66 %	63 %	70 %
Surrogate - Nitrobenzene-d5 *	%	73 %	73 %	73 %	74 %	77 %
Surrogate - Phenol-d5 *	%	68 %	69 %	68 %	67 %	73 %
Surrogate - Terphenyl-d14 *	%	86 %	84 %	84 %	82 %	90 %
Surrogate - 2,4,6-Tribromophenol *	%	76 %	76 %	77 %	71 %	80 %
Percent Solids		96	98	94	97	98
Dilution Factor		1	1	1	1	1
Prep Date		12/01/03	12/01/03	12/01/03	12/01/03	12/01/03
Analysis Date		12/06/03	12/06/03	12/06/03	12/06/03	12/06/03
Batch ID		ALS110	ALS110	ALS110	ALS110	ALS110
Prep Method		3550B	3550B	3550B	3550B	3550B
Analyst		RDW	RDW	RDW	RDW	RDW
Quantitation Factor		34.31	33.88	35.35	33.81	33.57

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-6	SB-6-7'/311106-06	Solid	11/26/03	11/25/03 14:20	
11762-7	SB-7-8'/311106-07	Solid	11/26/03	11/25/03 15:00	
11762-8	SB-8-7'/311106-08	Solid	11/26/03	11/25/03 15:40	

Parameter	Units	Lab Sample IDs 11762-6	11762-7	11762-8
RCRA Metals (6010B)				
Arsenic	mg/kg dw	1.5	1.4	1.4
Barium	mg/kg dw	39	39	40
Cadmium	mg/kg dw	<0.49	<0.41	<0.48
Chromium	mg/kg dw	4.0	3.0	4.3
Lead	mg/kg dw	3.0	3.2	3.3
Selenium	mg/kg dw	<0.98	<0.82	<0.97
Silver	mg/kg dw	<0.49	<0.41	<0.48
Percent Solids		98	97	95
Dilution Factor		1	1	1
Prep Date		12/02/03	12/02/03	12/02/03
Analysis Date		12/04/03	12/04/03	12/04/03
Batch ID		PS295	PS295	PS295
Prep Method		3050B	3050B	3050B
Analyst		GSP	GSP	GSP
Quantitation Factor		0.9615	0.7936	0.9174
Mercury (7471A)				
Mercury	mg/kg dw	<0.0084	<0.0085	<0.0086
Percent Solids		98	97	95
Dilution Factor		1	1	1
Prep Date		12/03/03	12/03/03	12/03/03
Analysis Date		12/03/03	12/03/03	12/03/03
Batch ID		HGS070	HGS070	HGS070
Prep Method		7471A	7471A	7471A
Analyst		JDE	JDE	JDE

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-6	SB-6-7'/311106-06	Solid	11/26/03	11/25/03 14:20	
11762-7	SB-7-8'/311106-07	Solid	11/26/03	11/25/03 15:00	
11762-8	SB-8-7'/311106-08	Solid	11/26/03	11/25/03 15:40	

Parameter	Units	Lab Sample IDs 11762-6	11762-7	11762-8
Semivolatile Organic Compounds (8270C)				
Benzoic acid	ug/kg dw	<1700	<1700	<1700
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<340	<340	<350
2-Chlorophenol	ug/kg dw	<340	<340	<350
2,4-Dichlorophenol	ug/kg dw	<340	<340	<350
2,6-Dichlorophenol	ug/kg dw	<340	<340	<350
2,4-Dimethylphenol	ug/kg dw	<340	<340	<350
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	<1700	<1700
2,4-Dinitrophenol	ug/kg dw	<1700	<1700	<1700
2-Methylphenol (o-Cresol)	ug/kg dw	<340	<340	<350
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<340	<340	<350
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<340	<340	<350
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	<1700	<1700
Pentachlorophenol	ug/kg dw	<1700	<1700	<1700
Phenol	ug/kg dw	<340	<340	<350
2,4,5-Trichlorophenol	ug/kg dw	<1700	<1700	<1700
2,4,6-Trichlorophenol	ug/kg dw	<340	<340	<350
Acenaphthene	ug/kg dw	<340	<340	<350
Acenaphthylene	ug/kg dw	<340	<340	<350
Anthracene	ug/kg dw	<340	<340	<350
Benzidine	ug/kg dw	<1700	<1700	<1700
Benzo(a)anthracene	ug/kg dw	<340	<340	<350
Benzo(b)fluoranthene	ug/kg dw	<340	<340	<350
Benzo(k)fluoranthene	ug/kg dw	<340	<340	<350
Benzo(g,h,i)perylene	ug/kg dw	<340	<340	<350
Benzo(a)pyrene	ug/kg dw	<340	<340	<350

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-6	SB-6-7'/311106-06	Solid	11/26/03	11/25/03 14:20	
11762-7	SB-7-8'/311106-07	Solid	11/26/03	11/25/03 15:00	
11762-8	SB-8-7'/311106-08	Solid	11/26/03	11/25/03 15:40	

Parameter	Units	Lab Sample IDs 11762-6	11762-7	11762-8
Semivolatile Organic Compounds (8270C)				
Benzyl alcohol	ug/kg dw	<340	<340	<350
4-Bromophenylphenyl ether	ug/kg dw	<340	<340	<350
Butylbenzylphthalate	ug/kg dw	<340	<340	<350
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<340	<340	<350
bis(2-Chloroethoxy)methane	ug/kg dw	<340	<340	<350
bis(2-Chloroethyl)ether	ug/kg dw	<340	<340	<350
bis(2-Chloroisopropyl) ether	ug/kg dw	<340	<340	<350
2-Chloronaphthalene	ug/kg dw	<340	<340	<350
4-Chlorophenylphenyl ether	ug/kg dw	<340	<340	<350
Chrysene	ug/kg dw	<340	<340	<350
Dibenzo(a,h)anthracene	ug/kg dw	<340	<340	<350
Dibenzofuran	ug/kg dw	<340	<340	<350
Di-n-butylphthalate	ug/kg dw	<340	<340	<350
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<340	<340	<350
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<340	<340	<350
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<340	<340	<350
3,3'-Dichlorobenzidine	ug/kg dw	<1700	<1700	<1700
Diethylphthalate	ug/kg dw	<340	<340	<350
Dimethylphthalate	ug/kg dw	<340	<340	<350
2,4-Dinitrotoluene	ug/kg dw	<340	<340	<350
2,6-Dinitrotoluene	ug/kg dw	<340	<340	<350
Di-n-octylphthalate	ug/kg dw	<340	<340	<350
1,2-Diphenylhydrazine	ug/kg dw	<340	<340	<350
bis(2-Ethylhexyl)phthalate	ug/kg dw	<340	<340	<350

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Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-6	SB-6-7'/311106-06	Solid	11/26/03	11/25/03 14:20	
11762-7	SB-7-8'/311106-07	Solid	11/26/03	11/25/03 15:00	
11762-8	SB-8-7'/311106-08	Solid	11/26/03	11/25/03 15:40	

Parameter	Units	Lab Sample IDs 11762-6	11762-7	11762-8
Semivolatile Organic Compounds (8270C)				
Fluoranthene	ug/kg dw	<340	<340	<350
Fluorene	ug/kg dw	<340	<340	<350
Hexachlorobenzene	ug/kg dw	<340	<340	<350
Hexachlorobutadiene	ug/kg dw	<340	<340	<350
Hexachlorocyclopentadiene	ug/kg dw	<340	<340	<350
Hexachloroethane	ug/kg dw	<340	<340	<350
Indeno(1,2,3-cd)pyrene	ug/kg dw	<340	<340	<350
Isophorone	ug/kg dw	<340	<340	<350
1-Methylnaphthalene	ug/kg dw	<340	<340	<350
2-Methylnaphthalene	ug/kg dw	<340	<340	<350
Naphthalene	ug/kg dw	<340	<340	<350
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<340	<340	<350
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<340	<340	<350
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<340	<340	<350
Nitrobenzene	ug/kg dw	<340	<340	<350
N-Nitrosodi-n-butylamine	ug/kg dw	<340	<340	<350
N-Nitrosodimethylamine	ug/kg dw	<340	<340	<350
N-Nitrosodiphenylamine	ug/kg dw	<340	<340	<350
n-Nitrosodi-n-propylamine	ug/kg dw	<340	<340	<350
Phenanthrene	ug/kg dw	<340	<340	<350
Pyrene	ug/kg dw	<340	<340	<350
1,2,4-Trichlorobenzene	ug/kg dw	<340	<340	<350
Surrogate - 2-Fluorobiphenyl *	%	73 %	75 %	75 %
Surrogate - 2-Fluorophenol *	%	68 %	69 %	69 %
Surrogate - Nitrobenzene-d5 *	%	76 %	78 %	76 %

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Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-6	SB-6-7'/311106-06	Solid	11/26/03	11/25/03 14:20	
11762-7	SB-7-8'/311106-07	Solid	11/26/03	11/25/03 15:00	
11762-8	SB-8-7'/311106-08	Solid	11/26/03	11/25/03 15:40	

Parameter	Units	Lab Sample IDs 11762-6	11762-7	11762-8
Semivolatile Organic Compounds (8270C)				
Surrogate - Phenol-d5 *	%	70 %	72 %	72 %
Surrogate - Terphenyl-d14 *	%	88 %	89 %	89 %
Surrogate - 2,4,6-Tribromophenol *	%	77 %	82 %	83 %
Percent Solids		98	97	95
Dilution Factor		1	1	1
Prep Date		12/01/03	12/01/03	12/01/03
Analysis Date		12/06/03	12/06/03	12/06/03
Batch ID		ALS110	ALS110	ALS110
Prep Method		3550B	3550B	3550B
Analyst		RDW	RDW	RDW
Quantitation Factor		33.59	34.23	34.83

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Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-9	Method Blank	Solid	11/26/03		
11762-10	Lab Control Standard % Recovery	Solid	11/26/03		
11762-11	Matrix Spike % Recovery	Solid	11/26/03		
11762-12	Matrix Spike Duplicate % Recovery	Solid	11/26/03		

Parameter	Units	Lab Sample IDs 11762-9	11762-10	11762-11	11762-12
RCRA Metals (6010B)					
Arsenic	mg/kg dw	<0.50	90 %	93 %	96 %
Barium	mg/kg dw	<1.0	93 %	100 %	104 %
Cadmium	mg/kg dw	<0.50	89 %	95 %	98 %
Chromium	mg/kg dw	<0.50	91 %	97 %	101 %
Lead	mg/kg dw	<0.50	88 %	96 %	99 %
Selenium	mg/kg dw	<1.0	85 %	86 %	89 %
Silver	mg/kg dw	<0.50	96 %	95 %	99 %
Dilution Factor		1			
Prep Date		12/02/03			
Analysis Date		12/03/03			
Batch ID		PS295	PS295	PS295	PS295
Prep Method		3050B			
Analyst		GSP			
Quantitation Factor		1.000			
Mercury (7471A)					
Mercury	mg/kg dw	<0.0083	98 %	105 %	105 %
Dilution Factor		1			
Prep Date		12/03/03			
Analysis Date		12/03/03			
Batch ID		HGS070	HGS070	HGS070	HGS070
Prep Method		7471A			
Analyst		JDE			

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-9	Method Blank	Solid	11/26/03		
11762-10	Lab Control Standard % Recovery	Solid	11/26/03		
11762-11	Matrix Spike % Recovery	Solid	11/26/03		
11762-12	Matrix Spike Duplicate % Recovery	Solid	11/26/03		

Parameter	Units	Lab Sample IDs 11762-9	11762-10	11762-11	11762-12
Semivolatile Organic Compounds (8270C)					
Benzoic acid	ug/kg dw	<1700	117 %	72 %	66 %
4-Chloro-3-methylphenol (p-Chloro-m-cresol)	ug/kg dw	<330	91 %	78 %	71 %
2-Chlorophenol	ug/kg dw	<330	76 %	71 %	55 %
2,4-Dichlorophenol	ug/kg dw	<330	87 %	79 %	66 %
2,6-Dichlorophenol	ug/kg dw	<330	N/A	N/A	N/A
2,4-Dimethylphenol	ug/kg dw	<330	78 %	69 %	59 %
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/kg dw	<1700	80 %	63 %	56 %
2,4-Dinitrophenol	ug/kg dw	<1700	113 %	81 %	73 %
2-Methylphenol (o-Cresol)	ug/kg dw	<330	77 %	69 %	56 %
3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg dw	<330	79 %	71 %	60 %
2-Nitrophenol (o-Nitrophenol)	ug/kg dw	<330	80 %	74 %	60 %
4-Nitrophenol (p-Nitrophenol)	ug/kg dw	<1700	79 %	70 %	65 %
Pentachlorophenol	ug/kg dw	<1700	99 %	75 %	70 %
Phenol	ug/kg dw	<330	85 %	77 %	61 %
2,4,5-Trichlorophenol	ug/kg dw	<1700	94 %	82 %	72 %
2,4,6-Trichlorophenol	ug/kg dw	<330	90 %	80 %	71 %
Acenaphthene	ug/kg dw	<330	83 %	75 %	66 %
Acenaphthylene	ug/kg dw	<330	86 %	76 %	68 %
Anthracene	ug/kg dw	<330	93 %	80 %	72 %
Benzidine	ug/kg dw	<1700	N/A	N/A	N/A
Benzo(a)anthracene	ug/kg dw	<330	96 %	82 %	76 %
Benzo(b)fluoranthene	ug/kg dw	<330	90 %	77 %	71 %
Benzo(k)fluoranthene	ug/kg dw	<330	97 %	87 %	74 %
Benzo(g,h,i)perylene	ug/kg dw	<330	103 %	87 %	80 %

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-9	Method Blank	Solid	11/26/03		
11762-10	Lab Control Standard % Recovery	Solid	11/26/03		
11762-11	Matrix Spike % Recovery	Solid	11/26/03		
11762-12	Matrix Spike Duplicate % Recovery	Solid	11/26/03		

Parameter	Units	Lab Sample IDs 11762-9	11762-10	11762-11	11762-12
Semivolatile Organic Compounds (8270C)					
Benzo(a)pyrene	ug/kg dw	<330	97 %	83 %	77 %
Benzyl alcohol	ug/kg dw	<330	82 %	73 %	59 %
4-Bromophenylphenyl ether	ug/kg dw	<330	94 %	79 %	72 %
Butylbenzylphthalate	ug/kg dw	<330	90 %	74 %	69 %
4-Chloroaniline (p-Chloroaniline)	ug/kg dw	<330	51 %	44 %	53 %
bis(2-Chloroethoxy)methane	ug/kg dw	<330	81 %	74 %	61 %
bis(2-Chloroethyl)ether	ug/kg dw	<330	78 %	74 %	55 %
bis(2-Chloroisopropyl) ether	ug/kg dw	<330	82 %	76 %	58 %
2-Chloronaphthalene	ug/kg dw	<330	74 %	69 %	58 %
4-Chlorophenylphenyl ether	ug/kg dw	<330	99 %	87 %	77 %
Chrysene	ug/kg dw	<330	98 %	82 %	77 %
Dibenzo(a,h)anthracene	ug/kg dw	<330	101 %	84 %	78 %
Dibenzofuran	ug/kg dw	<330	88 %	80 %	71 %
Di-n-butylphthalate	ug/kg dw	<330	96 %	77 %	75 %
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/kg dw	<330	70 %	68 %	52 %
1,3-Dichlorobenzene (m-Dichlorobenzene)	ug/kg dw	<330	67 %	66 %	50 %
1,4-Dichlorobenzene (p-Dichlorobenzene)	ug/kg dw	<330	69 %	67 %	51 %
3,3'-Dichlorobenzidine	ug/kg dw	<1700	59 %	54 %	53 %
Diethylphthalate	ug/kg dw	<330	93 %	80 %	75 %
Dimethylphthalate	ug/kg dw	<330	89 %	78 %	70 %
2,4-Dinitrotoluene	ug/kg dw	<330	89 %	80 %	73 %
2,6-Dinitrotoluene	ug/kg dw	<330	88 %	77 %	71 %
Di-n-octylphthalate	ug/kg dw	<330	91 %	75 %	70 %

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Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-9	Method Blank	Solid	11/26/03		
11762-10	Lab Control Standard % Recovery	Solid	11/26/03		
11762-11	Matrix Spike % Recovery	Solid	11/26/03		
11762-12	Matrix Spike Duplicate % Recovery	Solid	11/26/03		

Parameter	Units	Lab Sample IDs 11762-9	11762-10	11762-11	11762-12
Semivolatile Organic Compounds (8270C)					
1,2-Diphenylhydrazine	ug/kg dw	<330	95 %	82 %	75 %
bis(2-Ethylhexyl)phthalate	ug/kg dw	<330	97 %	80 %	75 %
Fluoranthene	ug/kg dw	<330	103 %	88 %	82 %
Fluorene	ug/kg dw	<330	87 %	78 %	70 %
Hexachlorobenzene	ug/kg dw	<330	97 %	81 %	75 %
Hexachlorobutadiene	ug/kg dw	<330	89 %	84 %	64 %
Hexachlorocyclopentadiene	ug/kg dw	<330	118 %	111 %	87 %
Hexachloroethane	ug/kg dw	<330	70 %	69 %	51 %
Indeno(1,2,3-cd)pyrene	ug/kg dw	<330	98 %	83 %	76 %
Isophorone	ug/kg dw	<330	90 %	82 %	70 %
1-Methylnaphthalene	ug/kg dw	<330	85 %	79 %	66 %
2-Methylnaphthalene	ug/kg dw	<330	80 %	74 %	62 %
Naphthalene	ug/kg dw	<330	76 %	73 %	58 %
2-Nitroaniline (o-Nitroaniline)	ug/kg dw	<330	92 %	81 %	75 %
3-Nitroaniline (m-Nitroaniline)	ug/kg dw	<330	64 %	64 %	70 %
4-Nitroaniline (p-Nitroaniline)	ug/kg dw	<330	80 %	72 %	68 %
Nitrobenzene	ug/kg dw	<330	86 %	80 %	63 %
N-Nitrosodi-n-butylamine	ug/kg dw	<330	N/A	N/A	N/A
N-Nitrosodimethylamine	ug/kg dw	<330	78 %	68 %	56 %
N-Nitrosodiphenylamine	ug/kg dw	<330	52 %	44 %	41 %
n-Nitrosodi-n-propylamine	ug/kg dw	<330	93 %	85 %	69 %
Phenanthrene	ug/kg dw	<330	93 %	80 %	75 %
Pyrene	ug/kg dw	<330	96 %	80 %	75 %
1,2,4-Trichlorobenzene	ug/kg dw	<330	83 %	80 %	61 %

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STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
11762-9	Method Blank	Solid	11/26/03		
11762-10	Lab Control Standard % Recovery	Solid	11/26/03		
11762-11	Matrix Spike % Recovery	Solid	11/26/03		
11762-12	Matrix Spike Duplicate % Recovery	Solid	11/26/03		

Parameter	Units	Lab Sample IDs 11762-9	11762-10	11762-11	11762-12
Semivolatile Organic Compounds (8270C)					
Surrogate - 2-Fluorobiphenyl *	%	79 %	80 %	70 %	62 %
Surrogate - 2-Fluorophenol *	%	42 %	75 %	66 %	53 %
Surrogate - Nitrobenzene-d5 *	%	74 %	82 %	74 %	60 %
Surrogate - Phenol-d5 *	%	67 %	79 %	69 %	58 %
Surrogate - Terphenyl-d14 *	%	96 %	100 %	81 %	79 %
Surrogate - 2,4,6-Tribromophenol *	%	86 %	95 %	78 %	74 %
Dilution Factor		1			
Prep Date		12/01/03			
Analysis Date		12/06/03			
Batch ID		ALS110	ALS110	ALS110	ALS110
Prep Method		3550B			
Analyst		RDW			
Quantitation Factor		33.33			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

STL Pensacola
PROJECT SAMPLE INSPECTION FORM

TRENT STL

Lab Order #: C311762 Date Received: 26-Nov-03

1. Was there a Chain of Custody? Yes No+
2. Was Chain of Custody properly filled out and relinquished? Yes No+
3. Were all samples properly labeled and identified? Yes No+
4. Were samples received cold? (Criteria: 2° - 6°C: STL-SOP 1055) Yes No+ N/A
5. Did samples require splitting or compositing♦? Yes+ No
6. Were samples received in proper containers for analysis requested? Yes No+
7. Were all sample containers received intact? Yes No+
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)*+ Yes No+ N/A
9. Is there sufficient volume for analysis requested? Yes No+ N/A *(Can)*
10. Were samples received within Holding Time? (REFER TO STL-SOP 1040) Yes No+
11. Is Headspace visible > ¼" in diameter in VOA vials?* Yes+ No N/A
12. **Were Trip Blanks Received?** Yes No N/A
13. If sent, were matrix spike bottles returned? Yes No+ N/A
14. If sent, were T-Handles returned? Yes No+ N/A
15. If any issues, how was PM notified? PSIF ☐ Verbal ☐

Airbill Number(s): 1Z 878 168 0 1435 8 6721 **Shipped By:** UPS FedX HD BUS ABX
(HD – Hand Delivery)

Cooler Numbers & Temp(s) (°C): CLIENT, CCK6 2°C
(E. 340L-4°C-CCK8 -- LIST THERMOMETER NUMBER FOR VERIFICATION)

Out of Control Events and Inspection Comments (list sample IDs/Tests where appropriate):

1-3. COC/Sample ID/COC discrepancy:

4. Insufficient Ice ☐ Delay in delivery ☐ Other ☐
5. Samples were Split ☐ Composited ☐ Requested by: Client ☐ PM ☐ Other:
6. Improper Containers (ID/Size/desc):
7. Broken bottles/Test:
8. Incorrect pH:
9. Test/Matrix/Volume: Samples 4 thru 8 must be shared. PFG 11/26/03
10. Out of Holding Time/Test:
11. VOA headspace >1/4"
(list ~ size)

List additional comments by above number:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS) ☞

Inspected By: PFG **Date:** 11/26/03 **Logged By:** MWS **Date:** 11/26/03

+ *Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples(pH, Dissolved O2, Residual Cl) as out of hold time, therefore, these samples will not be documented on this PSIF.*

♦ *All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting (compositing)"*

+ *All pH results for North Carolina, New York, and other requested samples are to be recorded on the pH log provided (STL-SOP 938).*

• *According to EPA, ¼" of headspace is acceptable in 40 ml vials requiring volatile analysis.*

SEVERN TRENT STL

Organic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
D	The result was obtained from a dilution.
E	The result exceeds the calibration range.
J	Estimated value because the analyte concentration is less than the reporting limit.
M	A matrix effect was present.
N	Presumptive evidence of a compound. The compound was identified qualitatively or as a Tentatively Identified Compound.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
P	Second-column or detector confirmation exceeded method criteria. Appropriate value is reported and data is flagged/qualified as instructed by method/regulation.
U or < or ND	The analyte was not detected.
*	The result is not within control limit(s).

Inorganic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
E	The reported value is estimated because of the presence of interference.
J	Estimated value because the analyte concentration is less than the reporting limit.
N	The spiked sample recovery is not within control limits.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
U or < or ND	The analyte was not detected.
*	Duplicate analysis not within control limits
M	The duplicate injection precision was not met.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance and post spike recovery is greater than or equal to 40%, the sample is flagged with a "W" and no further action is required.
+	The Standard Additions Correlation Coefficient is <0.995.

It is permissible to submit an Out-of-Control Events/Corrective Action form and/or Case Narrative in lieu of using above qualifiers.

When the laboratory receives a sample that does not meet EPA requirements for sample collection, preservation or holding time, the laboratory is required to reject the samples. The client must be notified and asked whether the lab should proceed with analysis. Data from any samples that do not meet sample acceptance criteria (collection, preservation and holding time), must be flagged, or noted on a corrective action form or case narrative, or addressed on the Project Sample Inspection Form (PSIF) in an unambiguous manner clearly defining the nature and substance of the variation. NPDES samples from North Carolina that do not meet EPA requirements for sample collection, preservation or holding time are non-reportable for NPDES compliance monitoring.

Abbreviations

ND	Not Detected at or above the STL Pensacola reporting limit (RL)
NS	Not Submitted
NA	Not Applicable
MDL	STL Pensacola Method Detection Limit
RL	STL Pensacola Reporting Limit
NoMS	Not enough sample provided to prepare and/or analyze a method-required matrix spike (MS) and/or duplicate (MSD)

Florida Projects Inorganic/Organic

Refer to FL DEP 62-160; Table 4 Data Qualifier Codes. FL DEP Rule 62-160, Table 1 lists the Florida sites which require data qualifiers.

Arizona DEQ Projects

Any qualified data submitted to Arizona DEQ (ADEQ) after January 1, 2001 must be designated using the Arizona Data Qualifiers as developed by the Arizona ELAC technical subcommittee. Refer to the ADEQ qualifier list.

Severn Trent Laboratories Inc.
STL Pensacola • 3355 McLemore Dr • Pensacola, FL 32514
Tel 850 474 1001 Fax 850 484 5315 • *www.stl-inc.com*

Revised/Effective: 10-24-03.

SEVERN TRENT STL

STL PENSACOLA
Certifications, Memberships & Affiliations

Alabama *Department of Environmental Management, Laboratory ID No. 40150 (Drinking Water by Reciprocity with FL)*

Arizona *Department of Health Services, Lab ID No. AZ0589 (Hazardous Waste & Wastewater)*

Arkansas *Department of Pollution Control and Ecology, (88-0689) (Environmental)*

California *Department of Health Services,* ***ELAP*** *Laboratory ID No. I-2510 (Hazardous Waste and Wastewater)*

Connecticut *Department of Health Services, Connecticut Lab Approval No. PH-0697 (D W, H W and Wastewater)*

Florida *DOH,* ***NELAP*** *Laboratory ID No. E81010 (Drinking Water, Hazardous Waste and Wastewater)*

Florida *DEP/DOH CompQAP # 980156*

Illinois *Environmental Laboratory Accreditation Program (ELAP),* ***NELAP*** *Laboratory ID No. 200041 (Wastewater and Hazardous Waste)*

Iowa *Department of Natural Resources, Laboratory ID No. 367 (WW & UST)*

Kansas *Department of Health & Environment,* ***NELAP*** *Laboratory ID No. E10253 (Wastewater and Hazardous Waste)*

Kentucky *NR&EPC, Laboratory ID No. 90043 (Drinking Water)*

Louisiana *DEQ, LELAP,* ***NELAP*** *Laboratory ID No. 02075, Agency Interest ID 30748 (Environmental)*

Maryland *DH&MH Laboratory ID No. 233 (Drinking Water by Reciprocity with Florida)*

Massachusetts *DEP, Laboratory ID No. M-FL094 (Wastewater)*

Michigan *Bureau of E&OccH, Laboratory ID No.9912 (Drinking Water by Reciprocity with Florida)*

New Hampshire *DES ELAP,* ***NELAP*** *Laboratory ID No. 250502 (Drinking Water & Wastewater)*

New Jersey *DEP&E,* ***NELAP*** *Laboratory ID No. FL006 (Wastewater and Hazardous Waster)*

North Carolina *DENR, Laboratory ID No. 314 (Hazardous Waste and Wastewater)*

North Dakota *DH&Consol Labs, Laboratory ID No. R-108 Wastewater and Hazardous Waste by Reciprocity with Florida)*

Oklahoma *Department of Environmental Quality, Laboratory ID No. 9810 (Hazardous Waste and Wastewater)*

Pennsylvania *Department of Environmental Resources,* ***NELAP*** *Laboratory ID No. 68-467 (Drinking Water & Wastewater)*

South Carolina *DH&EC, Laboratory ID No. 96026 (Wastewater & Solids/Hazardous Waste by Reciprocity with FL)*

Tennessee *Department of Health & Environment, Laboratory ID No. 02907 (Drinking Water)*

Virginia *Department of General Services, Laboratory ID No. 00008 (Drinking Water by Reciprocity with FL)*

West Virginia *DOE, Office of Water Resources, Laboratory ID No. 136 (Haz Waste and Wastewater)*

AIHA *(American Industrial Hygiene Association) Accredited Laboratory, Laboratory ID No. 100704. Participant in AIHA sponsored Laboratory PAT Rounds*

EPA ICR *(Information Collection Rule) Approved Laboratory, Laboratory ID No. ICRFL031*

NFESC *(Naval Facilities Engineering Services Center)*

USACE *(United States Army Corps. of Engineers), MRD*

STL Pensacola also has a foreign soil permit to accept soils from locations other than the continental United States. Permit No. S-37599

certlist\condcert.lst revised 10/15/03

Total Pages of Report 22

Pinnacle Laboratories, Inc. **Interlab Chain of Custody** Date: 11/25/03 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

C311762

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)		TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
SB-1-5' / 311106-01	11/25/03	1010	NAQ		X																		X					
SB-2-5' / 311106-02	↓	1100	↓		X																		X					
SB-3-6' / 311106-03	↓	1150	↓		X																		X					
SB-4-5' / 311106-04	↓	1230	↓		X																		X					
SB-5-8' / 311106-05	↓	1320	↓		X																		X					
SB-6-7' / 311106-06	↓	1420	↓		X																		X					
SB-7-8' / 311106-07	↓	1500	↓		X																		X					
SB-8-7' / 311106-08	↓	1540	↓		X																		X					

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISED BY: 1.	RELINQUISED BY: 2.
PROJECT #: 311106		Total Number of Containers		PENSACOLA - STL-FL	X	Signature: Francine Trivio Time: 1700	Signature: Time:
PROJ. NAME: MC		Chain of Custody Seals		ESL - OR		Printed Name: Francine Trivio Date: 11/25/03	Printed Name: Date:
QC LEVEL: STD IV		Received Intact?		ATEL - AZ		Pinnacle Laboratories, Inc.	Company
QC REQUIRED: MS MSD BLANK		Received Good Cond./Cold		ATEL - MARION		RECEIVED BY: 1.	RECEIVED BY: 2.
TAT: STANDARD RUSH!!		LAB NUMBER:		ATEL - MELMORE		Signature: Rob Elsperman Time: 0955	Signature: Time:
DUE DATE: 12/11	COMMENTS:			EHL		Printed Name: R. ELSPERMAN Date: 11/26/03	Printed Name: Date:
RUSH SURCHARGE: —				GEL		Company STL	Company
CLIENT DISCOUNT: —				U OF MIAMI			
SPECIAL CERTIFICATION REQUIRED: YES NO				WCAS			
				WOHL			

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 11-25-03 PAGE: 1 OF 1

PLI Accession # 311106

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Gary Richardson

COMPANY: Metric Corp
ADDRESS: 8429 Washington Pl. N.E. #A
Albuquerque, N.M. 87113
PHONE: 505-828-2801
FAX: 505-828-2803

BILL TO:
COMPANY: SAME
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
SB-1-5'	11-25-03	10:10	Soil	01												X					X						X				3
SB-2-5'	11-25-03	11:00	Soil	02												X					X						X				3
SB-3-6'	11-25-03	11:50	Soil	03												X					X						X				3
SB-4-5'	11-25-03	12:30	Soil	04												X					X						X				2
SB-5-8'	11-25-03	13:20	Soil	05												X					X						X				2
SB-6-7'	11-25-03	14:20	Soil	06												X					X						X				2
SB-7-8'	11-25-03	15:00	Soil	07												X					X						X				2
SB-8-7'	11-25-03	15:40	Soil	08												X					X						X				2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: Persan Leachfields
PROJ. NAME: Persan
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	19
CUSTODY SEAL	Y/N (NA)
RECEIVED INTACT	Y/N
BLUE ICE	Y/N

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS:

Direct from Field

RELINQUISHED BY: 1.
Signature: Time: 16:22
Printed Name: Gary Richardson Date: 11-25-03
Company: M Bode
See Reverse side (Force Majeure)

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: Time: 1622
Printed Name: Date: 11/25/03
Pinnacle Laboratories Inc.