SITE INFORMATION

Report Type: Work Plan

General Site Information:	
Site:	**Parkway Delaware Unit #507**
Company:	**SM Energy Company**
Section, Township and Range	**Section 35, T19S, R29E** **Unit Letter - G**
Lease Number:	
County:	**Eddy County**
GPS:	**32.61698° N, 104.04187° W**
Surface Owner:	Federal
Mineral Owner:	
Directions:	From the intersection of Hwy 360 and Buckeye Road 235, go west on Buckey and follow the road for approximatly 3.2 miles. Road ends into Burton Flat Road. Travel north on Burton Flat for approximatly 4.9 miles. Turn east onto caliche road and travel 1 mile to the PDU Tract 1 Tank Battery. Follow the caliche road to the southeast from the tank battery and immediatly veer to the east and travel 0.15 miles and turn north on caliche road to site.

Release Data:	
Date Released:	12/27/2009
Type Release:	Produced Water
Source of Contamination:	Injection Line to the wellhead
Fluid Released:	35 bbls
Fluids Recovered:	8 bbls

Official Communication:			
Name:	Chad McNeely		Aaron Hale
Company:	SM Energy Company		Tetra Tech
Address:	3300 N A St # 7-200		1910 N. Big Spring
P.O. Box			
City:	Midland, Texas		Midland, Texas
Phone number:	(432) 688-3124		(432) 682-4559
Fax:			
Email:	cmcneely@sm-energy.com		aaron.hale@tetratech.com

Ranking Criteria		
Depth to Groundwater:	***Ranking Score***	***Site Data***
<50 ft	20	
50-99 ft	10	
>100 ft.	0	**0**
WellHead Protection:	***Ranking Score***	***Site Data***
Water Source <1,000 ft., Private <200 ft.	*20*	
Water Source >1,000 ft., Private >200 ft.	***0***	*0*
Surface Body of Water:	***Ranking Score***	***Site Data***
<200 ft.	*20*	
200 ft - 1,000 ft.	10	
>1,000 ft.	**0**	*0*
Total Ranking Score:	**0**	

Acceptable Soil RRAL (mg/kg)		
Benzene	***Total BTEX***	***TPH***
10	50	5,000

TETRA TECH

May 5, 2011

Mr. Mike Bratcher
Environmental Engineer Specialist
Oil Conservation Division, District 2
1301 West Grand Avenue
Artesia, NM 88210

Re: Assessment Report and Work Plan for the SM Energy Company
Parkway Delaware Unit #507 Flow Line Leak
Unit G, Section 35, Township 19 South, Range 29 East
Eddy County, New Mexico

Mr. Bratcher:

Tetra Tech Inc. (Tetra Tech) was contacted by SM Energy Company to assess a flow line leak at the Parkway Delaware Unit #507, located in Unit G, Section 35, Township 19 South, Range 29 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.61698°, W 104.04187°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the leak was discovered on December 27, 2009. Approximately 35 barrels of produced water was released from a 1" line connecting the injection lateral line to the wellhead for injection. A total of 8 barrels of fluids were recovered. The initial C-141 is enclosed in Appendix A.

Hydrology

The New Mexico State Engineers Well Report listed one well in Section 34 with an average depth of 60 feet and wells in Sections 35 and 36, with reported depths of 110 feet and 115 feet, respectively. The *Geology and Groundwater Resources of Eddy County, New Mexico (Report 3)* showed one well in Section 3 of Township 20 South and Range 29 East, with a reported depth to water of 91' bgs. The well reports are shown in Appendix B.

Previously, Tetra Tech personnel supervised the installation of a temporary well (TMW-1) in Section 35 to establish groundwater quality and depth in this section. During the installation, the well drilled dry. The well was drilled through fine grain sand with gypsum layers and red shale to a total depth of 140 feet, to the top of a black and gray shale formation (blue shale). The well was measured two days later and showed a depth to groundwater of approximately 122 feet. Additionally, the New Mexico Oil Conservation Division (OCD) regional groundwater gradient map for Eddy County shows the depth to groundwater in this section to be between 75 and 100 feet bgs.

Regulatory

A risk-based evaluation was performed for the Site in accordance with the OCD Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was

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determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the depth to groundwater, the proposed RRAL for TPH is 5,000 mg/kg.

Soil Assessment and Results

On January 25, 2010, Tetra Tech personnel inspected the site and installed a total of eighteen (18) auger holes to assess the spill area. The spill area is shown on the attached Figure 3. The auger holes were advanced to depths ranging from 1.5 to 6.5 feet below ground surface (bgs). Select samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1.

Referring to Table 1, all of the samples analyzed were below the RRAL for both BTEX and TPH. Chloride concentrations were defined or appeared to be close to definition based upon decline, in AH-4, AH-8, AH-9 and AH-16. In most cases, deeper samples could not be collected due to a hard caliche layer.

On May 26, 2010, Tetra Tech personnel were onsite to supervise the installation of nine (9) soil borings to further delineate chloride impact to subsurface soils. The soil borings were advanced to depths ranging from 25 to 40 feet bgs. Chloride concentrations declined with depth in all of the soil borings. Most of the chloride impact was confined to the first three (3) feet. The soil boring locations are shown on Figure 3 and the results of the sampling are included in Table 1.

Work Plan

Based upon the results of the sampling, Tetra Tech proposes to excavate the soils to depths ranging from 1 to 10 feet bgs as shown in Table 1 and on Figure 4. Removal of this soil will constitute the majority of chloride impacted soils. In addition, a liner will be used to cap areas in the vicinity of SB-1, SB-2, SB-3 and SB-4 to limit further migration of deeper chloride impact in these areas. These areas will be excavated to a depth of approximately 1 to 3 feet bgs. A 40 mil liner will be placed in these areas prior to backfilling these areas to match the surrounding grade.

If you require any additional information or have any questions or comments concerning this work plan, please call at (432) 682-4559.

Respectfully submitted,
TETRA TECH, INC.

Aaron M. Hale
Senior Project Manager

cc: Don Riggs – SM Energy Company
Mark Bondy – SM Energy Company
Chad McNeely – SM Energy Company
Jim Amos – BLM

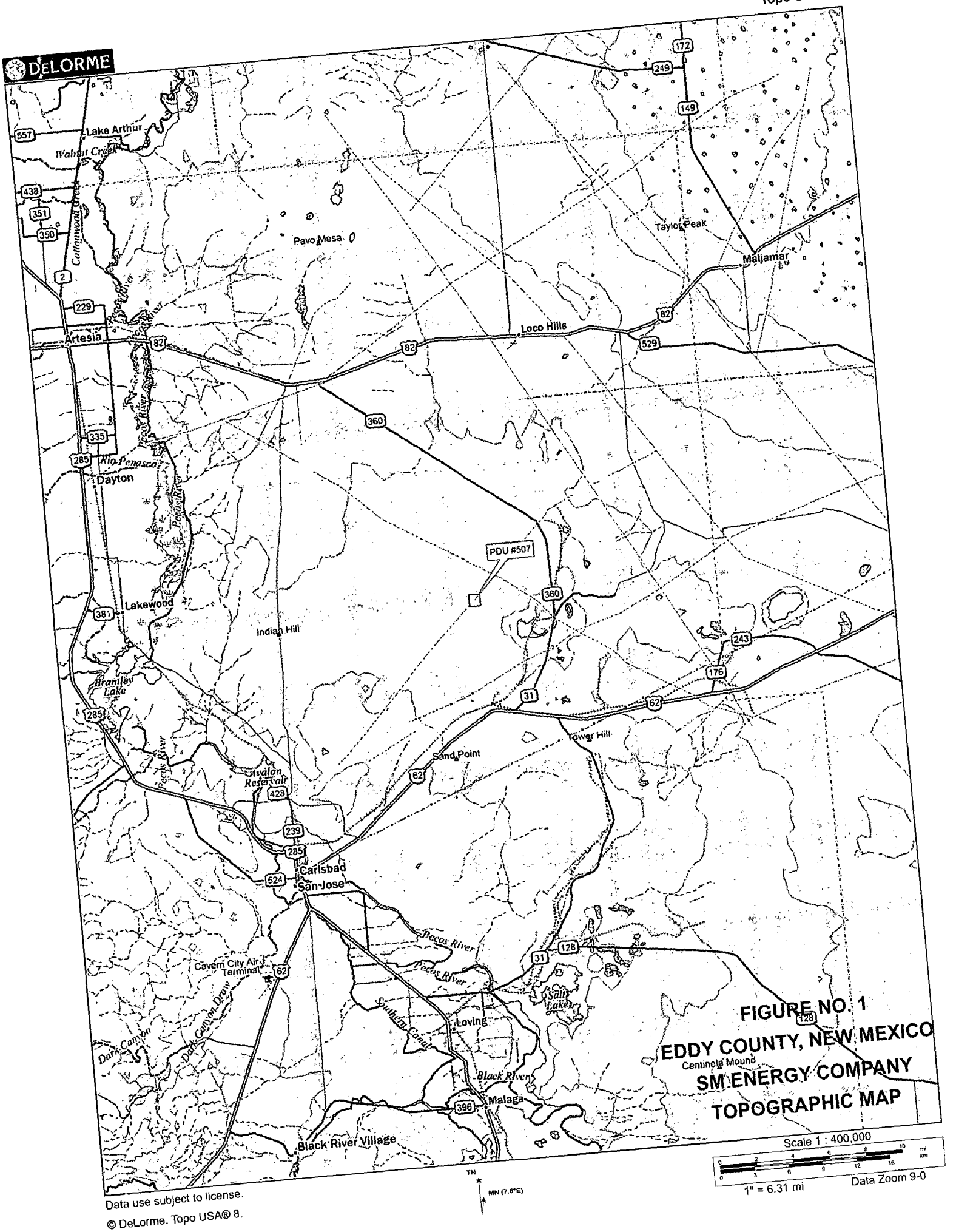


FIGURE NO. 1
EDDY COUNTY, NEW MEXICO
SM ENERGY COMPANY
TOPOGRAPHIC MAP

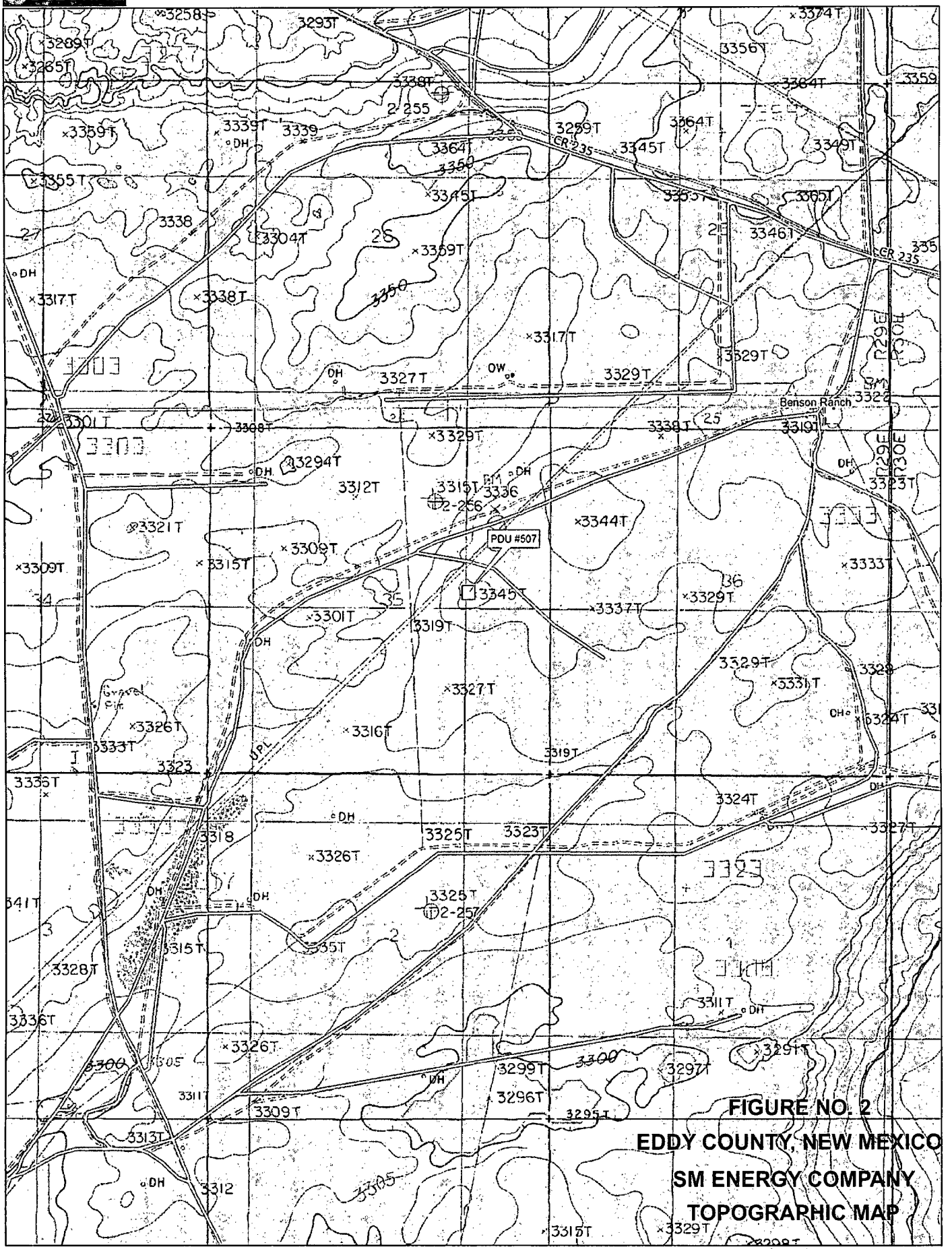


FIGURE NO. 2

EDDY COUNTY, NEW MEXICO

SM ENERGY COMPANY

TOPOGRAPHIC MAP

TN

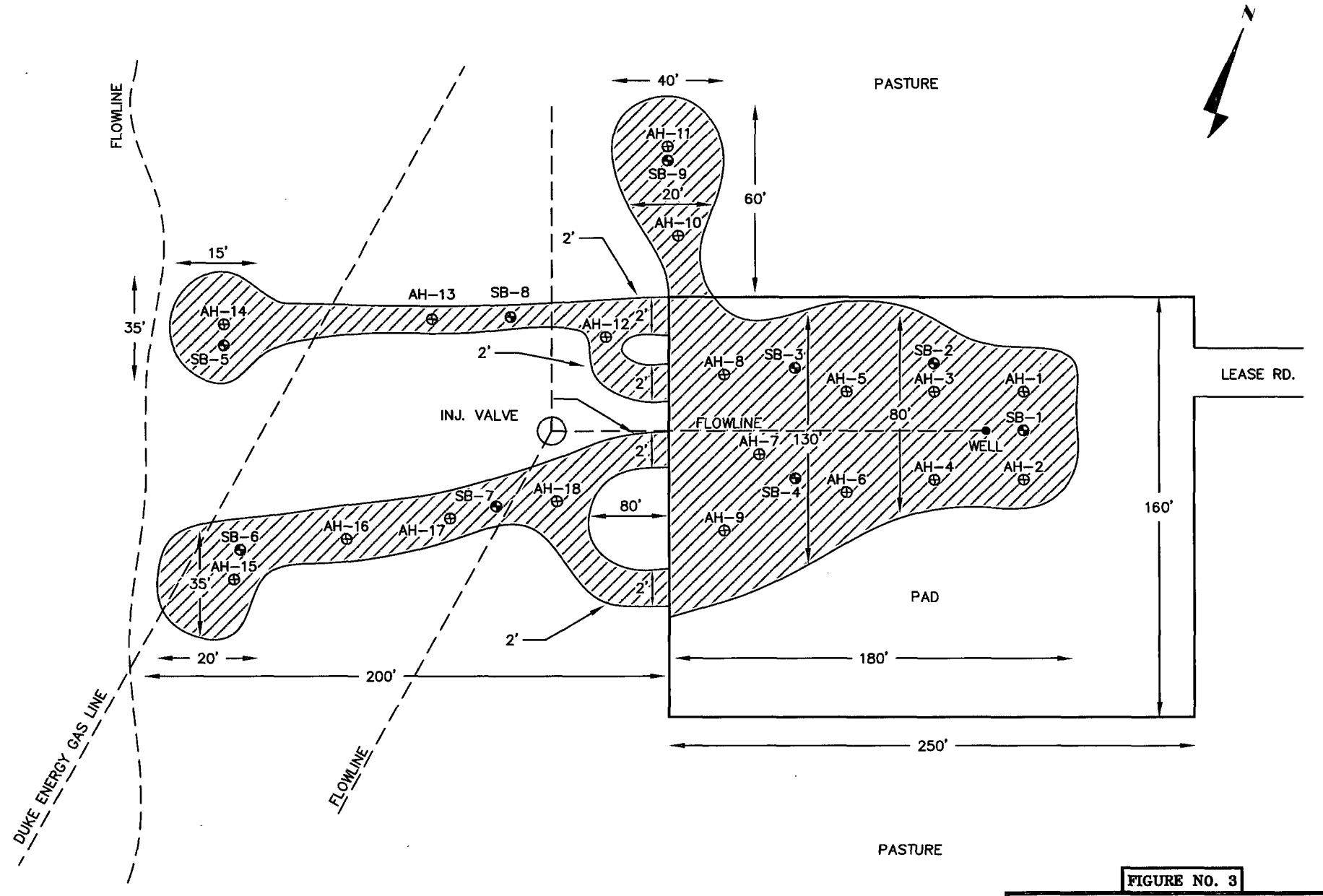
MN (7.8°E)

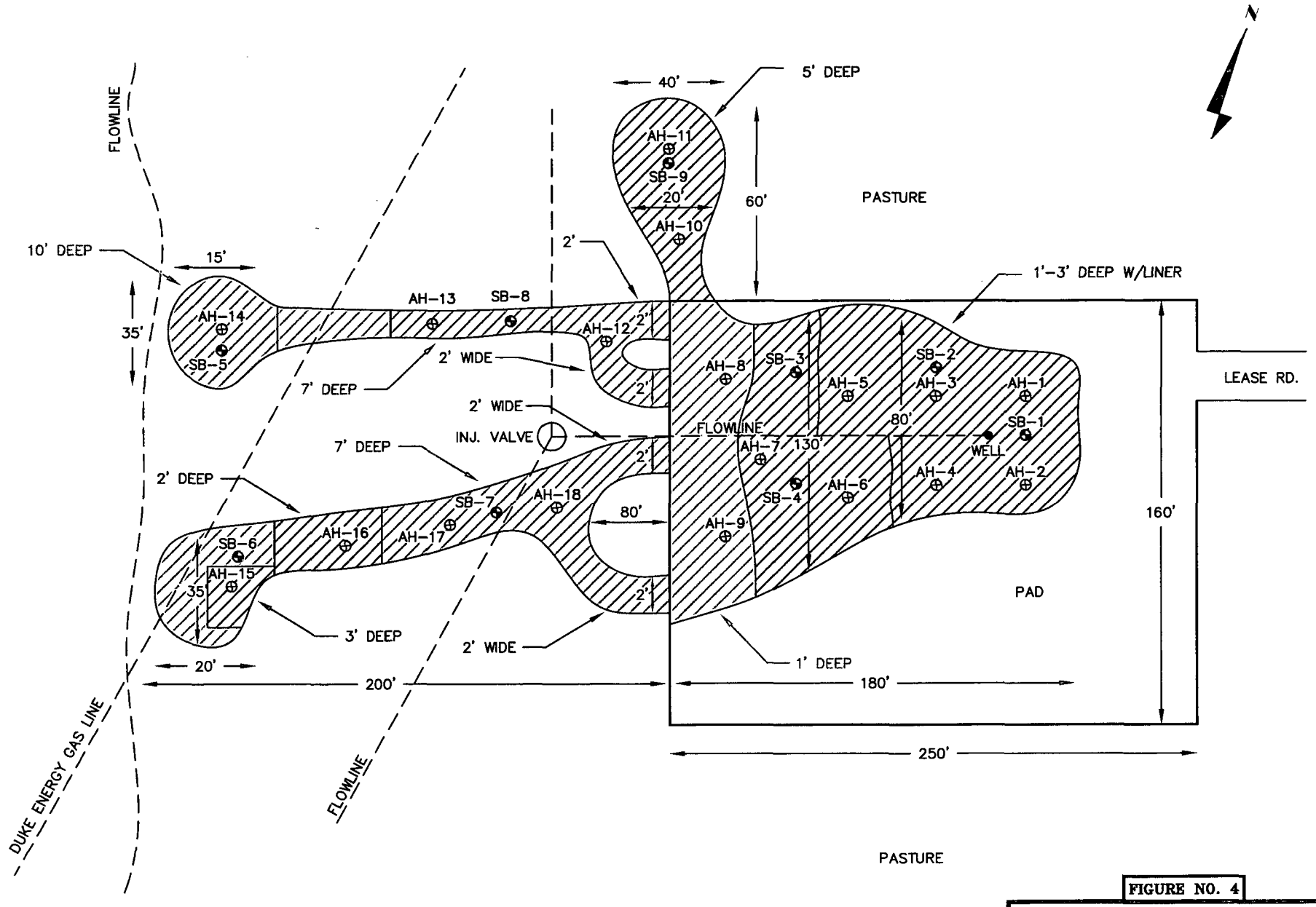
Scale 1 : 24,000

0 600 1200 1800 2400 3000 ft

0 200 400 600 800 1000 m

1" = 2,000.0 ft Data Zoom 13-0


N
PASTURE
FLOWLINE
40'
AH-11
SB-9
20'
AH-10
60'
2'
15'
AH-13
SB-8
AH-14
35'
SB-5
AH-12
2'
2'
2'
INJ. VALVE
AH-8
SB-3
AH-5
SB-2
AH-3
AH-1
LEASE RD.
FLOWLINE
80'
SB-1
AH-7
130'
WELL
2'
AH-4
AH-2
SB-7
AH-18
AH-6
SB-4
80'
AH-9
160'
AH-16
AH-17
SB-6
AH-15
35'
PAD
2'
20'
200'
180'
DUKE ENERGY GAS LINE
FLOWLINE
250'
PASTURE
SPILL AREA
SAMPLE LOCATIONS
SOIL BORING LOCATIONS
NOT TO SCALE
DATE: 2/11/10
DWN. BY: JJ
FILE: H:\ST. MARY\8400419
FIGURE NO. 3
EDDY COUNTY, NEW MEXICO
SM ENERGY COMPANY
PDU #507
TETRA TECH, INC.
MIDLAND, TEXAS



NOT TO SCALE

DATE: 2/11/10
DWN. BY: JJ
FILE: H:\ST. MARY\6400419

FIGURE NO. 4

EDDY COUNTY, NEW MEXICO

SM ENERGY COMPANY

PDU #507

TETRA TECH, INC.
MIDLAND, TEXAS

Table 1
SM Energy Company
Parkway Deleware Unit # 507
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth (ft)	Depth (BEB)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total					
AH-1	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	<0.0100	<0.0100	<0.0100	<0.0100	4,720
		1-1.5'		X		-	-	-	-	-	-	-	1,460
AH-2	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	618
		1'-1.5'		X		-	-	-	-	-	-	-	608
		2'-2.5'		X		-	-	-	-	-	-	-	1,190
SB-1	5/26/2010	1'		X		-	-	-	-	-	-	-	1,500
		3'		X		-	-	-	-	-	-	-	4,970
		5'		X		-	-	-	-	-	-	-	359
		7'		X		-	-	-	-	-	-	-	243
		10'		X		-	-	-	-	-	-	-	<200
		15'		X		-	-	-	-	-	-	-	<200
		20'		X		-	-	-	-	-	-	-	<200
		25'		X		-	-	-	-	-	-	-	<200
AH-3	1/25/2010	0-1'		X		<<50.0	<1.00	<50.0	<0.0100	<0.0100	<0.0100	<0.0100	5,650
		1'-1.5'		X		-	-	-	-	-	-	-	3,840
		2'-2.5'		X		-	-	-	-	-	-	-	3,260
SB-2	5/26/2010	1'		X		-	-	-	-	-	-	-	4,320
		3'		X		-	-	-	-	-	-	-	2,500
		5'		X		-	-	-	-	-	-	-	1,410
		7'		X		-	-	-	-	-	-	-	332
		10'		X		-	-	-	-	-	-	-	<200
		15'		X		-	-	-	-	-	-	-	<200
		20'		X		-	-	-	-	-	-	-	<200
		25'		X		-	-	-	-	-	-	-	<200
AH-4	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	1,090
		1'-1.5'		X		-	-	-	-	-	-	-	<200
		1.5'-2'		X		-	-	-	-	-	-	-	<200
AH-5	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	2,970
		1'-1.5'		X		-	-	-	-	-	-	-	2,260
		2'-2.5'		X		-	-	-	-	-	-	-	3,860
SB-3	5/26/2010	1'		X		-	-	-	-	-	-	-	5,680
		3'		X		-	-	-	-	-	-	-	1,780
		5'		X		-	-	-	-	-	-	-	1,180
		7'		X		-	-	-	-	-	-	-	1,480
		10'		X		-	-	-	-	-	-	-	308
		15'		X		-	-	-	-	-	-	-	3,120
		20'		X		-	-	-	-	-	-	-	1,380
		25'		X		-	-	-	-	-	-	-	227
		30'		X		-	-	-	-	-	-	-	290
		40'		X		-	-	-	-	-	-	-	<200

Table 1
SM Energy Company
Parkway Deleware Unit # 507
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth (ft)	Depth (BEB)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total					
AH-6	1/25/2010	0-1'		x		<50.0	<1.00	<50.0	-	-	-	-	2,520
		1'-1.5'		x		-	-	-	-	-	-	-	2,880
		2'-2.5'		X		-	-	-	-	-	-	-	2,330
		3'-3.5'		X		-	-	-	-	-	-	-	1,820
AH-7	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	<0.0100	<0.0100	<0.0100	<0.0100	4,260
		1'-1.5'		X		-	-	-	-	-	-	-	1,920
		2'-2.5'		X		-	-	-	-	-	-	-	2,680
		2.5'-3'		X		-	-	-	-	-	-	-	3,000
SB-4	5/26/2010	1'		X		-	-	-	-	-	-	-	5,200
		3'		X		-	-	-	-	-	-	-	6,110
		5'		X		-	-	-	-	-	-	-	1,810
		7'		X		-	-	-	-	-	-	-	1,470
		10'		X		-	-	-	-	-	-	-	420
		15'		X		-	-	-	-	-	-	-	222
		20'		X		-	-	-	-	-	-	-	241
		30'		X		-	-	-	-	-	-	-	<200
		40'		X		-	-	-	-	-	-	-	<200
AH-8	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	3,540
		1'-1.5'		X		-	-	-	-	-	-	-	1,880
		2'-2.5'		X		-	-	-	-	-	-	-	603
AH-9	1/25/2010	0-1'		x		<<50.0	<1.00	<50.0	-	-	-	-	2,000
		1'-1.5'		X		-	-	-	-	-	-	-	377
		2'-2.5'		X		-	-	-	-	-	-	-	<200
AH-10	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	3,680
		1'-1.5'		X		-	-	-	-	-	-	-	2,440
AH-11	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	<0.0100	<0.0100	<0.0100	<0.0100	3,070
		1'-1.5'		X		-	-	-	-	-	-	-	2,930
		2'-2.5'		X		-	-	-	-	-	-	-	2,850
		3'-3.5		X		-	-	-	-	-	-	-	3,880
SB-9	5/27/2010	1'		X		-	-	-	-	-	-	-	1,750
		3'		X		-	-	-	-	-	-	-	2,220
		5'		X		-	-	-	-	-	-	-	3,130
		7'		X		-	-	-	-	-	-	-	1,210
		10'		X		-	-	-	-	-	-	-	1,650
		15'		X		-	-	-	-	-	-	-	1,470
		20'		X		-	-	-	-	-	-	-	2,640
		25'		X		-	-	-	-	-	-	-	236
		30'		X		-	-	-	-	-	-	-	271
		40'		X		-	-	-	-	-	-	-	281

Table 1
SM Energy Company
Parkway Deleware Unit # 507
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth (ft)	Depth (BEB)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total					
AH-12	1/25/2010	0-1'		x		<50.0	<1.00	<50.0	-	-	-	-	2,030
		1'-1.5'		x		-	-	-	-	-	-	-	<200
		2'-2.5'		x		-	-	-	-	-	-	-	1,490
		3'-3.5'		X		-	-	-	-	-	-	-	1,950
		4'-4.5'		X		-	-	-	-	-	-	-	2,460
AH-13	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	<0.0100	<0.0100	<0.0100	<0.0100	2,390
		1'-1.5'		X		-	-	-	-	-	-	-	1,020
		2'-2.5'		X		-	-	-	-	-	-	-	2,540
		3'-3.5'		X		-	-	-	-	-	-	-	1,940
		4'-4.5'		X		-	-	-	-	-	-	-	3,060
		5'-5.5'		X		-	-	-	-	-	-	-	3,510
		6'-6.5'		X		-	-	-	-	-	-	-	2,960
SB-8	5/27/2010	1'		X		-	-	-	-	-	-	-	264
		3'		X		-	-	-	-	-	-	-	<200
		5'		X		-	-	-	-	-	-	-	3,000
		7'		X		-	-	-	-	-	-	-	2,950
		10'		X		-	-	-	-	-	-	-	1,360
		15'		X		-	-	-	-	-	-	-	742
		20'		X		-	-	-	-	-	-	-	498
		25'		X		-	-	-	-	-	-	-	<200
		30'		X		-	-	-	-	-	-	-	<200
		35'		X		-	-	-	-	-	-	-	<200
		40'		X		-	-	-	-	-	-	-	<200
AH-14	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	889
		1'-1.5'		X		-	-	-	-	-	-	-	3,910
SB-5	5/26/2010	1'		X		-	-	-	-	-	-	-	<200
		3'		X		-	-	-	-	-	-	-	<200
		5'		X		-	-	-	-	-	-	-	2,520
		7'		X		-	-	-	-	-	-	-	3,600
		10'		X		-	-	-	-	-	-	-	3,150
		15'		X		-	-	-	-	-	-	-	1,440
		20'		X		-	-	-	-	-	-	-	767
		30'		X		-	-	-	-	-	-	-	452
AH-15	1/25/2010	0-1'		X		<50.0	<1.00	<50.0	-	-	-	-	<200
		1'-1.5'		X		-	-	-	-	-	-	-	2,170
		2'-2.5'		X		-	-	-	-	-	-	-	2,590
SB-6	5/27/2010	1'		X		-	-	-	-	-	-	-	<200
		3'		X		-	-	-	-	-	-	-	<200
		5'		X		-	-	-	-	-	-	-	337
		7'		X		-	-	-	-	-	-	-	902
		10'		X		-	-	-	-	-	-	-	<200
		15'		X		-	-	-	-	-	-	-	<200
		20'		X		-	-	-	-	-	-	-	<200
		25'		X		-	-	-	-	-	-	-	<200
		30'		X		-	-	-	-	-	-	-	<200

Table 1
SM Energy Company
Parkway Deleware Unit # 507
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth (ft)	Depth (BEB)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total					
AH-16	1/25/2010	0-1'		X		<50.0	<1.00	<50.0					401
		1'-1.5'		X		-	-	-	-	-	-	-	2,020
		2'-2.5'		X		-	-	-	-	-	-	-	858
		3'-3.5'		X		-	-	-	-	-	-	-	359
AH-17	1/25/2010	0-1'		X		<50.0	<1.00	<50.0					702
		1'-1.5'		X		-	-	-	-	-	-	-	3,900
		2'-2.5'		X		-	-	-	-	-	-	-	5,210
		3'-3.5'		X		-	-	-	-	-	-	-	2,120
AH-18	1/25/2010	0-1'		X		<50.0	<1.00	<50.0					<200
		1'-1.5'		X		-	-	-	-	-	-	-	<200
		2'-2.5'		X		-	-	-	-	-	-	-	1,180
SB-7	5/27/2010	1'		X		-	-	-	-	-	-	-	307
		3'		X		-	-	-	-	-	-	-	348
		5'		X		-	-	-	-	-	-	-	1,560
		7'		X		-	-	-	-	-	-	-	2,150
		10'		X		-	-	-	-	-	-	-	1,170
		15'		X		-	-	-	-	-	-	-	249
		20'		X		-	-	-	-	-	-	-	<200
		25'		X		-	-	-	-	-	-	-	<200
		30'		X		-	-	-	-	-	-	-	<200
		35'		X		-	-	-	-	-	-	-	<200
		40'		X		-	-	-	-	-	-	-	<200

(-) Not Analyzed

Proposed Liner installation

Proposed Excavation Depths

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Repor

Name of Company St. Mary Land & Exploration Co. 154903	Contact Donna Huddleston
Address 3300 N. A Street, Bldg. 7, Ste. 200 Midland, , TX	Telephone No. (432)688-1789
Facility Name Parkway Delaware Unit #507	Facility Type Injection

Surface Owner BLM	Mineral Owner BLM	Lease No.

30-015-29504

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	35	19S	29E					

RECEIVED
JAN - 4 2010
NMOCD ARTESIA

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 35 bbls / Volume Recovered 8 bbls
Source of Release hose connect inj. line to wellhead	Date and Hour of Occurrence 12/27/09 / Date and Hour of Discovery 12/27/09
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher W/OCD & Jim Amos W/ BLM
By Whom? Bill Hearne	Date and Hour 12/27/09 1:34PM
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Found split in 1.0" 4000# WP rubber hose connecting injection lateral line to wellhead for injection. Hose has been replaced. Picked up 8 bbls of produced water

Describe Area Affected and Cleanup Action Taken.*

Spill Area (on location): 80' x 100' = 8000 sq. ft. Spill Area (off location): 2' x 140' = 280 sq. ft. Picked up 8 bbls of produced water and notified Tetra-Tech Enviromental services to remediate spill area.

Dig out contaminated soil and remediate with fresh soil.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Donna Huddleston

Printed Name: Donna Huddleston

Title: Production Tech

E-mail Address: dhuddleston@stmaryland.com

Date: 12/29/2009 Phone: (432)688-1789

* Attach Additional Sheets If Necessary

OIL CONSERVATION DIVISION

Approved by District Supervisor: Signed by Stm

Approval Date: 3.2.10

Expiration Date: 5-5-10 7-1-10

Conditions of Approval: Within 30 days, on or before 5-2-10 completion of a remediation work plan based on delineation should be finalized and submitted for approval to the Division summarizing all actions taken and/or to be taken to mitigate environmental damage.

Remediation Actions to be completed and Final C-141 submitted with confirmation analyses/documentation on or before the Expiration Date.

Attached ☐

2RP-393

NMOCD approval shall be obtained prior to any backfilling activities.

Notify OCD 48 hours prior to obtaining samples where analyses are to be presented to OCD

nSEB1006136791
nSEB1006139159
SEB 1006139208

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Sub basin	Use	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00646		PRO	ED	1	1	4	07	19S	29E	583155	3615552*	199		
CP 00681		PRO	ED	1	1	3	34	19S	29E	587230	3609127*			
CP 00703		PRO	ED		4	1	36	19S	29E	590945	3609441*	200	115	85
CP 00739		PRO	ED	3	4	4	35	19S	29E	590046	3608532*	200	110	90
CP 00741		PRO	ED	1	3	2	34	19S	29E	588030	3609533*	230	60	170
CP 00820		STK	LE		2	4	13	19S	29E	591713	3613870*	120		
CP 00821		STK	LE		4	4	25	19S	29E	591743	3610248*	120		

Average Depth to Water: **95 feet**

Minimum Depth: **60 feet**

Maximum Depth: **115 feet**

Record Count: 7

PLSS Search:

Township: 19S **Range:** 29E

***UTM location was derived from PLSS - see Help**

LOCATION NUMBER	WATER LEVEL: BELOW LAND SURFACE (feet)	WATER LEVEL: DATE OF MEASUREMENT	YIELD (g.p.m.)	METHOD OF LIFT	USE OF WATER	REMARKS
20.28.36.140	19.1	Dec. 27, 1948	–	W	S	
20.29.3.433	91.9	Dec. 13, 1948	–	W	S	See analysis, Table 3.
20.30.3.223	6.0	Dec. 23, 1948	–	W	S	do.
3.424	8.5	do.	–	W	S	do.
5.310	3.5	do.	–	W	S	
16.420	29.9	May 1, 1950	–	W	S	See analysis, Table 3.
20.120	29.3	Dec. 22, 1948	5 E.	W	D	Depth to water measured while pumping.
20.130	45.3	do.	–	W	D	do. See analysis, Table 3.
33.440	203.8	Dec. 27, 1948	–	W	S	See analysis, Table 3.
20.31.13.440	45	Dec. 22, 1948	4 E.	W	S	do.
15.130	63.1	do.	–	W	S	
16.240	61.2	do.	1 E.	W	S	Depth to water measured while pumping. See analysis, Table 3.
21.21.7.440	1,100	–	–	W	D & S	
36.213	942	–	–	W	S	Driller: T. Hillyer.

See explanation at beginning of table.

Summary Report

Ike Tavarez
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: February 8, 2010

Work Order: 10012911

Project Location: Eddy Co., NM
Project Name: St. Mary/Parkway Delaware Unit #507
Project Number: 114-6400419

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
221081	AH-1 0-1'	soil	2010-01-25	00:00	2010-01-28
221082	AH-1 1-1.5'	soil	2010-01-25	00:00	2010-01-28
221083	AH-2 0-1'	soil	2010-01-25	00:00	2010-01-28
221084	AH-2 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221085	AH-2 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221086	AH-3 0-1'	soil	2010-01-25	00:00	2010-01-28
221087	AH-3 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221088	AH-3 1.5'-2'	soil	2010-01-25	00:00	2010-01-28
221089	AH-4 0-1'	soil	2010-01-25	00:00	2010-01-28
221090	AH-4 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221091	AH-4 1.5'-2'	soil	2010-01-25	00:00	2010-01-28
221092	AH-5 0-1'	soil	2010-01-25	00:00	2010-01-28
221093	AH-5 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221094	AH-5 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221095	AH-6 0-1'	soil	2010-01-25	00:00	2010-01-28
221096	AH-6 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221097	AH-6 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221098	AH-6 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221099	AH-7 0-1'	soil	2010-01-25	00:00	2010-01-28
221100	AH-7 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221101	AH-7 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221102	AH-7 2.5'-3'	soil	2010-01-25	00:00	2010-01-28
221103	AH-8 0-1'	soil	2010-01-25	00:00	2010-01-28
221104	AH-8 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221105	AH-8 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221106	AH-9 0-1'	soil	2010-01-25	00:00	2010-01-28
221107	AH-9 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221108	AH-9 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221109	AH-10 0-1'	soil	2010-01-25	00:00	2010-01-28
221110	AH-10 1'-1.5'	soil	2010-01-25	00:00	2010-01-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
221111	AH-11 0-1'	soil	2010-01-25	00:00	2010-01-28
221112	AH-11 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221113	AH-11 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221114	AH-11 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221115	AH-12 0-1'	soil	2010-01-25	00:00	2010-01-28
221116	AH-12 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221117	AH-12 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221118	AH-12 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221119	AH-12 4'-4.5'	soil	2010-01-25	00:00	2010-01-28
221120	AH-13 0-1'	soil	2010-01-25	00:00	2010-01-28
221121	AH-13 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221122	AH-13 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221123	AH-13 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221124	AH-13 4'-4.5'	soil	2010-01-25	00:00	2010-01-28
221125	AH-13 5'-5.5'	soil	2010-01-25	00:00	2010-01-28
221126	AH-13 6'-6.5'	soil	2010-01-25	00:00	2010-01-28
221127	AH-14 0-1	soil	2010-01-25	00:00	2010-01-28
221128	AH-14 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221129	AH-15 0-1'	soil	2010-01-25	00:00	2010-01-28
221130	AH-15 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221131	AH-15 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221132	AH-16 0-1'	soil	2010-01-25	00:00	2010-01-28
221133	AH-16 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221134	AH-16 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221135	AH-16 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221136	AH-17 0-1'	soil	2010-01-25	00:00	2010-01-28
221137	AH-17 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221138	AH-17 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221139	AH-17 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221140	AH-18 0-1	soil	2010-01-25	00:00	2010-01-28
221141	AH-18 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221142	AH-18 2'-2.5'	soil	2010-01-25	00:00	2010-01-28

Sample - Field Code	BTEX Benzene (mg/Kg)	BTEX Toluene (mg/Kg)	BTEX Ethylbenzene (mg/Kg)	BTEX Xylene (mg/Kg)	TPH DRO - NEW DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
221081 - AH-1 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221083 - AH-2 0-1'					<50.0	<1.00
221086 - AH-3 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221089 - AH-4 0-1'					<50.0	<1.00
221092 - AH-5 0-1'					<50.0	<1.00
221095 - AH-6 0-1'					<50.0	<1.00
221099 - AH-7 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221103 - AH-8 0-1'					<50.0	<1.00
221106 - AH-9 0-1'					<50.0	<1.00
221109 - AH-10 0-1'					<50.0	<1.00
221111 - AH-11 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221115 - AH-12 0-1'					<50.0	<1.00
221120 - AH-13 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	TPH DRO - NEW DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
221127 - AH-14 0-1	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221129 - AH-15 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221132 - AH-16 0-1'					<50.0	<1.00
221136 - AH-17 0-1'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
221140 - AH-18 0-1					<50.0	<1.00

Sample: 221081 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		**4720**	mg/Kg	4.00

Sample: 221082 - AH-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**1460**	mg/Kg	4.00

Sample: 221083 - AH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		**618**	mg/Kg	4.00

Sample: 221084 - AH-2 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**608**	mg/Kg	4.00

Sample: 221085 - AH-2 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**1190**	mg/Kg	4.00

Sample: 221086 - AH-3 0-1'

Param	Flag	Result	Units	RL
Chloride		**5650**	mg/Kg	4.00

Sample: 221087 - AH-3 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**3840**	mg/Kg	4.00

Sample: 221088 - AH-3 1.5'-2'

Param	Flag	Result	Units	RL
Chloride		**3260**	mg/Kg	4.00

Sample: 221089 - AH-4 0-1'

Param	Flag	Result	Units	RL
Chloride		**1090**	mg/Kg	4.00

Sample: 221090 - AH-4 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221091 - AH-4 1.5'-2'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221092 - AH-5 0-1'

Param	Flag	Result	Units	RL
Chloride		**2970**	mg/Kg	4.00

Sample: 221093 - AH-5 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2260**	mg/Kg	4.00

Sample: 221094 - AH-5 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**3860**	mg/Kg	4.00

Sample: 221095 - AH-6 0-1'

Param	Flag	Result	Units	RL
Chloride		**2520**	mg/Kg	4.00

Sample: 221096 - AH-6 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2880**	mg/Kg	4.00

Sample: 221097 - AH-6 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**2330**	mg/Kg	4.00

Sample: 221098 - AH-6 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**1820**	mg/Kg	4.00

Sample: 221099 - AH-7 0-1'

Param	Flag	Result	Units	RL
Chloride		**4260**	mg/Kg	4.00

Sample: 221100 - AH-7 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**1920**	mg/Kg	4.00

Sample: 221101 - AH-7 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**2680**	mg/Kg	4.00

Sample: 221102 - AH-7 2.5'-3'

Param	Flag	Result	Units	RL
Chloride		**3000**	mg/Kg	4.00

Sample: 221103 - AH-8 0-1'

Param	Flag	Result	Units	RL
Chloride		**3540**	mg/Kg	4.00

Sample: 221104 - AH-8 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**1880**	mg/Kg	4.00

Sample: 221105 - AH-8 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**603**	mg/Kg	4.00

Sample: 221106 - AH-9 0-1'

Param	Flag	Result	Units	RL
Chloride		**2000**	mg/Kg	4.00

Sample: 221107 - AH-9 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**377**	mg/Kg	4.00

Sample: 221108 - AH-9 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221109 - AH-10 0-1'

Param	Flag	Result	Units	RL
Chloride		**3680**	mg/Kg	4.00

Sample: 221110 - AH-10 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2440**	mg/Kg	4.00

Sample: 221111 - AH-11 0-1'

Param	Flag	Result	Units	RL
Chloride		**3070**	mg/Kg	4.00

Sample: 221112 - AH-11 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2930**	mg/Kg	4.00

Sample: 221113 - AH-11 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**2850**	mg/Kg	4.00

Sample: 221114 - AH-11 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**3880**	mg/Kg	4.00

Sample: 221115 - AH-12 0-1'

Param	Flag	Result	Units	RL
Chloride		**2030**	mg/Kg	4.00

Sample: 221116 - AH-12 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221117 - AH-12 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**1490**	mg/Kg	4.00

Sample: 221118 - AH-12 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**1950**	mg/Kg	4.00

Sample: 221119 - AH-12 4'-4.5'

Param	Flag	Result	Units	RL
Chloride		**2460**	mg/Kg	4.00

Sample: 221120 - AH-13 0-1'

Param	Flag	Result	Units	RL
Chloride		**2390**	mg/Kg	4.00

Sample: 221121 - AH-13 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**1020**	mg/Kg	4.00

Sample: 221122 - AH-13 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**2540**	mg/Kg	4.00

Sample: 221123 - AH-13 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**1940**	mg/Kg	4.00

Sample: 221124 - AH-13 4'-4.5'

Param	Flag	Result	Units	RL
Chloride		**3060**	mg/Kg	4.00

Sample: 221125 - AH-13 5'-5.5'

Param	Flag	Result	Units	RL
Chloride		**3510**	mg/Kg	4.00

Sample: 221126 - AH-13 6'-6.5'

Param	Flag	Result	Units	RL
Chloride		**2960**	mg/Kg	4.00

Sample: 221127 - AH-14 0-1

Param	Flag	Result	Units	RL
Chloride		**889**	mg/Kg	4.00

Sample: 221128 - AH-14 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**3910**	mg/Kg	4.00

Sample: 221129 - AH-15 0-1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221130 - AH-15 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2170**	mg/Kg	4.00

Sample: 221131 - AH-15 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**2590**	mg/Kg	4.00

Sample: 221132 - AH-16 0-1'

Param	Flag	Result	Units	RL
Chloride		**401**	mg/Kg	4.00

Sample: 221133 - AH-16 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**2020**	mg/Kg	4.00

Sample: 221134 - AH-16 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**858**	mg/Kg	4.00

Sample: 221135 - AH-16 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**359**	mg/Kg	4.00

Sample: 221136 - AH-17 0-1'

Param	Flag	Result	Units	RL
Chloride		**702**	mg/Kg	4.00

Sample: 221137 - AH-17 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		**3900**	mg/Kg	4.00

Sample: 221138 - AH-17 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**5210**	mg/Kg	4.00

Sample: 221139 - AH-17 3'-3.5'

Param	Flag	Result	Units	RL
Chloride		**2120**	mg/Kg	4.00

Sample: 221140 - AH-18 0-1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221141 - AH-18 1'-1.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 221142 - AH-18 2'-2.5'

Param	Flag	Result	Units	RL
Chloride		**1180**	mg/Kg	4.00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

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Report Date: February 8, 2010

Work Order: 10012911

Project Location: Eddy Co., NM
Project Name: St. Mary/Parkway Delaware Unit #507
Project Number: 114-6400419

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
221081	AH-1 0-1'	soil	2010-01-25	00:00	2010-01-28
221082	AH-1 1-1.5'	soil	2010-01-25	00:00	2010-01-28
221083	AH-2 0-1'	soil	2010-01-25	00:00	2010-01-28
221084	AH-2 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221085	AH-2 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221086	AH-3 0-1'	soil	2010-01-25	00:00	2010-01-28
221087	AH-3 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221088	AH-3 1.5'-2'	soil	2010-01-25	00:00	2010-01-28
221089	AH-4 0-1'	soil	2010-01-25	00:00	2010-01-28
221090	AH-4 1'-1.5'	soil	2010-01-25	00:00	2010-01-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
221091	AH-4 1.5'-2'	soil	2010-01-25	00:00	2010-01-28
221092	AH-5 0-1'	soil	2010-01-25	00:00	2010-01-28
221093	AH-5 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221094	AH-5 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221095	AH-6 0-1'	soil	2010-01-25	00:00	2010-01-28
221096	AH-6 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221097	AH-6 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221098	AH-6 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221099	AH-7 0-1'	soil	2010-01-25	00:00	2010-01-28
221100	AH-7 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221101	AH-7 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221102	AH-7 2.5'-3'	soil	2010-01-25	00:00	2010-01-28
221103	AH-8 0-1'	soil	2010-01-25	00:00	2010-01-28
221104	AH-8 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221105	AH-8 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221106	AH-9 0-1'	soil	2010-01-25	00:00	2010-01-28
221107	AH-9 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221108	AH-9 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221109	AH-10 0-1'	soil	2010-01-25	00:00	2010-01-28
221110	AH-10 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221111	AH-11 0-1'	soil	2010-01-25	00:00	2010-01-28
221112	AH-11 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221113	AH-11 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221114	AH-11 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221115	AH-12 0-1'	soil	2010-01-25	00:00	2010-01-28
221116	AH-12 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221117	AH-12 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221118	AH-12 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221119	AH-12 4'-4.5'	soil	2010-01-25	00:00	2010-01-28
221120	AH-13 0-1'	soil	2010-01-25	00:00	2010-01-28
221121	AH-13 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221122	AH-13 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221123	AH-13 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221124	AH-13 4'-4.5'	soil	2010-01-25	00:00	2010-01-28
221125	AH-13 5'-5.5'	soil	2010-01-25	00:00	2010-01-28
221126	AH-13 6'-6.5'	soil	2010-01-25	00:00	2010-01-28
221127	AH-14 0-1	soil	2010-01-25	00:00	2010-01-28
221128	AH-14 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221129	AH-15 0-1'	soil	2010-01-25	00:00	2010-01-28
221130	AH-15 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221131	AH-15 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221132	AH-16 0-1'	soil	2010-01-25	00:00	2010-01-28
221133	AH-16 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221134	AH-16 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221135	AH-16 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221136	AH-17 0-1'	soil	2010-01-25	00:00	2010-01-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
221137	AH-17 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221138	AH-17 2'-2.5'	soil	2010-01-25	00:00	2010-01-28
221139	AH-17 3'-3.5'	soil	2010-01-25	00:00	2010-01-28
221140	AH-18 0-1	soil	2010-01-25	00:00	2010-01-28
221141	AH-18 1'-1.5'	soil	2010-01-25	00:00	2010-01-28
221142	AH-18 2'-2.5'	soil	2010-01-25	00:00	2010-01-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project St. Mary/Parkway Delaware Unit #507 were received by TraceAnalysis, Inc. on 2010-01-28 and assigned to work order 10012911. Samples for work order 10012911 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	57514	2010-02-01 at 14:00	67336	2010-02-01 at 19:02
BTEX	S 8021B	57541	2010-02-03 at 12:30	67279	2010-02-03 at 08:27
Chloride (Titration)	SM 4500-Cl B	57463	2010-02-01 at 11:43	67216	2010-02-02 at 12:38
Chloride (Titration)	SM 4500-Cl B	57464	2010-02-01 at 11:43	67217	2010-02-02 at 12:39
Chloride (Titration)	SM 4500-Cl B	57465	2010-02-01 at 11:44	67218	2010-02-02 at 12:40
Chloride (Titration)	SM 4500-Cl B	57466	2010-02-01 at 11:44	67219	2010-02-02 at 12:41
Chloride (Titration)	SM 4500-Cl B	57467	2010-02-01 at 11:45	67224	2010-02-02 at 15:03
Chloride (Titration)	SM 4500-Cl B	57468	2010-02-01 at 11:45	67225	2010-02-02 at 15:04
Chloride (Titration)	SM 4500-Cl B	57469	2010-02-01 at 11:46	67226	2010-02-02 at 15:05
TPH DRO - NEW	Mod. 8015B	57512	2010-02-02 at 10:51	67247	2010-02-02 at 10:51
TPH GRO	S 8015B	57514	2010-02-01 at 14:00	67249	2010-02-01 at 19:30
TPH GRO	S 8015B	57541	2010-02-03 at 12:30	67280	2010-02-03 at 08:55
TPH GRO	S 8015B	57592	2010-02-04 at 12:30	67341	2010-02-04 at 11:33

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10012911 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 221081 - AH-1 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67336	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.64	mg/Kg	1	2.00	82	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.68	mg/Kg	1	2.00	84	43.1 - 158.4

Sample: 221081 - AH-1 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**4720**	mg/Kg	100	4.00

Sample: 221081 - AH-1 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		104	mg/Kg	1	100	104	70 - 130

Sample: 221081 - AH-1 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.06	mg/Kg	1	2.00	103	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.97	mg/Kg	1	2.00	98	61.7 - 131.1

Sample: 221082 - AH-1 1-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1460**	mg/Kg	50	4.00

Sample: 221083 - AH-2 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**618**	mg/Kg	50	4.00

Sample: 221083 - AH-2 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		109	mg/Kg	1	100	109	70 - 130

Sample: 221083 - AH-2 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.07	mg/Kg	1	2.00	104	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.96	mg/Kg	1	2.00	98	61.7 - 131.1

Sample: 221084 - AH-2 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**608**	mg/Kg	50	4.00

Sample: 221085 - AH-2 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1190**	mg/Kg	50	4.00

Sample: 221086 - AH-3 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67336	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.09	mg/Kg	1	2.00	104	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		2.07	mg/Kg	1	2.00	104	43.1 - 158.4

Sample: 221086 - AH-3 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**5650**	mg/Kg	100	4.00

Sample: 221086 - AH-3 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		111	mg/Kg	1	100	111	70 - 130

Sample: 221086 - AH-3 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.54	mg/Kg	1	2.00	127	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.36	mg/Kg	1	2.00	118	61.7 - 131.1

Sample: 221087 - AH-3 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3840**	mg/Kg	100	4.00

Sample: 221088 - AH-3 1.5'-2'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3260**	mg/Kg	100	4.00

Sample: 221089 - AH-4 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1090**	mg/Kg	50	4.00

Sample: 221089 - AH-4 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		102	mg/Kg	1	100	102	70 - 130

Sample: 221089 - AH-4 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.68	mg/Kg	1	2.00	134	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.50	mg/Kg	1	2.00	125	61.7 - 131.1

Sample: 221090 - AH-4 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221091 - AH-4 1.5'-2'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221092 - AH-5 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2970**	mg/Kg	100	4.00

Sample: 221092 - AH-5 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		107	mg/Kg	1	100	107	70 - 130

Sample: 221092 - AH-5 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.98	mg/Kg	1	2.00	99	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.86	mg/Kg	1	2.00	93	61.7 - 131.1

Sample: 221093 - AH-5 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**2260**		mg/Kg	100	4.00

Sample: 221094 - AH-5 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3860**	mg/Kg	100	4.00

Sample: 221095 - AH-6 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2520**	mg/Kg	100	4.00

Sample: 221095 - AH-6 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		101	mg/Kg	1	100	101	70 - 130

Sample: 221095 - AH-6 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.40	mg/Kg	1	2.00	120	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.27	mg/Kg	1	2.00	114	61.7 - 131.1

Sample: 221096 - AH-6 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2880**	mg/Kg	100	4.00

Sample: 221097 - AH-6 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2330**	mg/Kg	100	4.00

Sample: 221098 - AH-6 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1820**	mg/Kg	50	4.00

Sample: 221099 - AH-7 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67336	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.02	mg/Kg	1	2.00	101	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.99	mg/Kg	1	2.00	100	43.1 - 158.4

Sample: 221099 - AH-7 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**4260**	mg/Kg	100	4.00

Sample: 221099 - AH-7 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		106	mg/Kg	1	100	106	70 - 130

Sample: 221099 - AH-7 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.44	mg/Kg	1	2.00	122	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.28	mg/Kg	1	2.00	114	61.7 - 131.1

Sample: 221100 - AH-7 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1920**	mg/Kg	50	4.00

Sample: 221101 - AH-7 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2680**	mg/Kg	100	4.00

Sample: 221102 - AH-7 2.5'-3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3000**	mg/Kg	100	4.00

Sample: 221103 - AH-8 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3540**	mg/Kg	100	4.00

Sample: 221103 - AH-8 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		102	mg/Kg	1	100	102	70 - 130

Sample: 221103 - AH-8 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.97	mg/Kg	1	2.00	98	65.3 - 145

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		1.89	mg/Kg	1	2.00	94	61.7 - 131.1

Sample: 221104 - AH-8 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1880**	mg/Kg	100	4.00

Sample: 221105 - AH-8 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**603**	mg/Kg	50	4.00

Sample: 221106 - AH-9 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2000**	mg/Kg	100	4.00

Sample: 221106 - AH-9 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		106	mg/Kg	1	100	106	70 - 130

Sample: 221106 - AH-9 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.20	mg/Kg	1	2.00	110	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.11	mg/Kg	1	2.00	106	61.7 - 131.1

Sample: 221107 - AH-9 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**377**	mg/Kg	50	4.00

Sample: 221108 - AH-9 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221109 - AH-10 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3680**	mg/Kg	100	4.00

Sample: 221109 - AH-10 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		102	mg/Kg	1	100	102	70 - 130

Sample: 221109 - AH-10 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67249	Date Analyzed:	2010-02-01	Analyzed By:	AG
Prep Batch:	57514	Sample Preparation:	2010-02-01	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.11	mg/Kg	1	2.00	106	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.00	mg/Kg	1	2.00	100	61.7 - 131.1

Sample: 221110 - AH-10 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2440**	mg/Kg	100	4.00

Sample: 221111 - AH-11 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67279	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.46	mg/Kg	1	2.00	73	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.53	mg/Kg	1	2.00	76	43.1 - 158.4

Sample: 221111 - AH-11 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**3070**		mg/Kg	100	4.00

Sample: 221111 - AH-11 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		107	mg/Kg	1	100	107	70 - 130

Sample: 221111 - AH-11 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.84	mg/Kg	1	2.00	92	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.82	mg/Kg	1	2.00	91	61.7 - 131.1

Sample: 221112 - AH-11 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2930**	mg/Kg	100	4.00

Sample: 221113 - AH-11 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2850**	mg/Kg	100	4.00

Sample: 221114 - AH-11 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3880**	mg/Kg	100	4.00

Sample: 221115 - AH-12 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2030**	mg/Kg	50	4.00

Sample: 221115 - AH-12 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		99.2	mg/Kg	1	100	99	70 - 130

Sample: 221115 - AH-12 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	Result	RL Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.80	mg/Kg	1	2.00	140	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.52	mg/Kg	1	2.00	126	61.7 - 131.1

Sample: 221116 - AH-12 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221117 - AH-12 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1490**	mg/Kg	50	4.00

Sample: 221118 - AH-12 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1950**	mg/Kg	50	4.00

Sample: 221119 - AH-12 4'-4.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2460**	mg/Kg	100	4.00

Sample: 221120 - AH-13 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67279	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100

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sample 221120 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.55	mg/Kg	1	2.00	78	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.56	mg/Kg	1	2.00	78	43.1 - 158.4

Sample: 221120 - AH-13 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2390**	mg/Kg	100	4.00

Sample: 221120 - AH-13 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		104	mg/Kg	1	100	104	70 - 130

Sample: 221120 - AH-13 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.94	mg/Kg	1	2.00	97	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.85	mg/Kg	1	2.00	92	61.7 - 131.1

Sample: 221121 - AH-13 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1020**		mg/Kg	50	4.00

Sample: 221122 - AH-13 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**2540**		mg/Kg	100	4.00

Sample: 221123 - AH-13 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1940**		mg/Kg	50	4.00

Sample: 221124 - AH-13 4'-4.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3060**	mg/Kg	100	4.00

Sample: 221125 - AH-13 5'-5.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3510**	mg/Kg	100	4.00

Sample: 221126 - AH-13 6'-6.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2960**	mg/Kg	100	4.00

Sample: 221127 - AH-14 0-1

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67279	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	Result	RL Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100

continued ...

sample 221127 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.69	mg/Kg	1	2.00	84	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.68	mg/Kg	1	2.00	84	43.1 - 158.4

Sample: 221127 - AH-14 0-1

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**889**	mg/Kg	50	4.00

Sample: 221127 - AH-14 0-1

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		102	mg/Kg	1	100	102	70 - 130

Sample: 221127 - AH-14 0-1

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.11	mg/Kg	1	2.00	106	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.99	mg/Kg	1	2.00	100	61.7 - 131.1

Sample: 221128 - AH-14 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3910**	mg/Kg	100	4.00

Sample: 221129 - AH-15 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67279	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.66	mg/Kg	1	2.00	83	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.66	mg/Kg	1	2.00	83	43.1 - 158.4

Sample: 221129 - AH-15 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<200		mg/Kg	50	4.00

Sample: 221129 - AH-15 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		107	mg/Kg	1	100	107	70 - 130

Sample: 221129 - AH-15 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.07	mg/Kg	1	2.00	104	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.96	mg/Kg	1	2.00	98	61.7 - 131.1

Sample: 221130 - AH-15 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2170**	mg/Kg	100	4.00

Sample: 221131 - AH-15 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2590**	mg/Kg	100	4.00

Sample: 221132 - AH-16 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**401**	mg/Kg	50	4.00

Sample: 221132 - AH-16 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	Result	RL Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		109	mg/Kg	1	100	109	70 - 130

Sample: 221132 - AH-16 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.05	mg/Kg	1	2.00	102	65.3 - 145
4-Bromofluorobenzene (4-BFB)		1.94	mg/Kg	1	2.00	97	61.7 - 131.1

Sample: 221133 - AH-16 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2020**	mg/Kg	50	4.00

Sample: 221134 - AH-16 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**858**	mg/Kg	50	4.00

Sample: 221135 - AH-16 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**359**	mg/Kg	50	4.00

Sample: 221136 - AH-17 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	67279	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.07	mg/Kg	1	2.00	104	64.4 - 141.2
4-Bromofluorobenzene (4-BFB)		2.05	mg/Kg	1	2.00	102	43.1 - 158.4

Sample: 221136 - AH-17 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**702**	mg/Kg	50	4.00

Sample: 221136 - AH-17 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		106	mg/Kg	1	100	106	70 - 130

Sample: 221136 - AH-17 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67280	Date Analyzed:	2010-02-03	Analyzed By:	AG
Prep Batch:	57541	Sample Preparation:	2010-02-03	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.57	mg/Kg	1	2.00	128	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.41	mg/Kg	1	2.00	120	61.7 - 131.1

Sample: 221137 - AH-17 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3900**	mg/Kg	100	4.00

Sample: 221138 - AH-17 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**5210**	mg/Kg	100	4.00

Sample: 221139 - AH-17 3'-3.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2120**	mg/Kg	100	4.00

Sample: 221140 - AH-18 0-1

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221140 - AH-18 0-1

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	Sample Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		111	mg/Kg	1	100	111	70 - 130

Sample: 221140 - AH-18 0-1

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	67341	Date Analyzed:	2010-02-04	Analyzed By:	AG
Prep Batch:	57592	Sample Preparation:	2010-02-04	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.20	mg/Kg	1	2.00	110	65.3 - 145
4-Bromofluorobenzene (4-BFB)		2.22	mg/Kg	1	2.00	111	61.7 - 131.1

Sample: 221141 - AH-18 1'-1.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67226	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57469	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 221142 - AH-18 2'-2.5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	67226	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57469	Sample Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1180**	mg/Kg	50	4.00

Method Blank (1) QC Batch: 67216

QC Batch:	67216	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57463	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67217

QC Batch:	67217	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57464	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67218

QC Batch:	67218	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57465	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67219

QC Batch:	67219	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57466	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67224

QC Batch:	67224	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57467	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67225

QC Batch:	67225	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57468	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67226

QC Batch:	67226	Date Analyzed:	2010-02-02	Analyzed By:	AR
Prep Batch:	57469	QC Preparation:	2010-02-01	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 67247

QC Batch:	67247	Date Analyzed:	2010-02-02	Analyzed By:	kg
Prep Batch:	57512	QC Preparation:	2010-02-02	Prepared By:	kg

Parameter	Flag	MDL Result	Units	RL
DRO		<5.86	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		102	mg/Kg	1	100	102	70 - 130

Method Blank (1) QC Batch: 67249

QC Batch: 67249 | Date Analyzed: 2010-02-01 | Analyzed By: AG
Prep Batch: 57514 | QC Preparation: 2010-02-01 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<0.396	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.26	mg/Kg	1	2.00	113	66.2 - 145
4-Bromofluorobenzene (4-BFB)		2.01	mg/Kg	1	2.00	100	62 - 120.5

Method Blank (1) QC Batch: 67279

QC Batch: 67279 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00410	mg/Kg	0.01
Toluene		<0.00310	mg/Kg	0.01
Ethylbenzene		<0.00240	mg/Kg	0.01
Xylene		<0.00650	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.84	mg/Kg	1	2.00	92	64.9 - 142.7
4-Bromofluorobenzene (4-BFB)		1.80	mg/Kg	1	2.00	90	43.9 - 141.9

Method Blank (1) QC Batch: 67280

QC Batch: 67280 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<0.396	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.31	mg/Kg	1	2.00	116	66.2 - 145
4-Bromofluorobenzene (4-BFB)		2.12	mg/Kg	1	2.00	106	62 - 120.5

Method Blank (1) QC Batch: 67336

QC Batch: 67336 | Date Analyzed: 2010-02-01 | Analyzed By: AG
Prep Batch: 57514 | QC Preparation: 2010-02-01 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00410	mg/Kg	0.01
Toluene		<0.00310	mg/Kg	0.01
Ethylbenzene		<0.00240	mg/Kg	0.01
Xylene		<0.00650	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.82	mg/Kg	1	2.00	91	64.9 - 142.7
4-Bromofluorobenzene (4-BFB)		1.71	mg/Kg	1	2.00	86	43.9 - 141.9

Method Blank (1) QC Batch: 67341

QC Batch: 67341 | Date Analyzed: 2010-02-04 | Analyzed By: AG
Prep Batch: 57592 | QC Preparation: 2010-02-04 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<0.396	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.25	mg/Kg	1	2.00	112	66.2 - 145
4-Bromofluorobenzene (4-BFB)		2.14	mg/Kg	1	2.00	107	62 - 120.5

Laboratory Control Spike (LCS-1)

QC Batch: 67216 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57463 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	98.2	mg/Kg	1	100	<2.18	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67217 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57464 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	102	mg/Kg	1	100	<2.18	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67218 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57465 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	103	mg/Kg	1	100	<2.18	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67219 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57466 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.3	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67224 Date Analyzed: 2010-02-02 Analyzed By: AR
Prep Batch: 57467 QC Preparation: 2010-02-01 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	99.1	mg/Kg	1	100	<2.18	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67225 Date Analyzed: 2010-02-02 Analyzed By: AR
Prep Batch: 57468 QC Preparation: 2010-02-01 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.3	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.6	mg/Kg	1	100	<2.18	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67226 Date Analyzed: 2010-02-02 Analyzed By: AR
Prep Batch: 57469 QC Preparation: 2010-02-01 Prepared By: AR

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Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	98.4	mg/Kg	1	100	<2.18	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 67247 | Date Analyzed: 2010-02-02 | Analyzed By: kg
Prep Batch: 57512 | QC Preparation: 2010-02-02 | Prepared By: kg

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	245	mg/Kg	1	250	<5.86	98	57.4 - 133.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	252	mg/Kg	1	250	<5.86	101	57.4 - 133.4	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Tricosane	115	118	mg/Kg	1	100	115	118	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 67249 | Date Analyzed: 2010-02-01 | Analyzed By: AG
Prep Batch: 57514 | QC Preparation: 2010-02-01 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	17.4	mg/Kg	1	20.0	<0.396	87	52.5 - 114.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	17.7	mg/Kg	1	20.0	<0.396	88	52.5 - 114.3	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.21	2.05	mg/Kg	1	2.00	110	102	66.2 - 148.7
4-Bromofluorobenzene (4-BFB)	2.14	2.00	mg/Kg	1	2.00	107	100	64.1 - 127.4

Laboratory Control Spike (LCS-1)

QC Batch: 67279 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.14	mg/Kg	1	2.00	<0.00410	107	75.4 - 115.7
Toluene	1.98	mg/Kg	1	2.00	<0.00310	99	78.4 - 113.6
Ethylbenzene	1.96	mg/Kg	1	2.00	<0.00240	98	76 - 114.2
Xylene	5.90	mg/Kg	1	6.00	<0.00650	98	76.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.10	mg/Kg	1	2.00	<0.00410	105	75.4 - 115.7	2	20
Toluene	1.96	mg/Kg	1	2.00	<0.00310	98	78.4 - 113.6	1	20
Ethylbenzene	1.94	mg/Kg	1	2.00	<0.00240	97	76 - 114.2	1	20
Xylene	5.83	mg/Kg	1	6.00	<0.00650	97	76.9 - 113.6	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.66	1.72	mg/Kg	1	2.00	83	86	65 - 142.9
4-Bromofluorobenzene (4-BFB)	1.79	1.84	mg/Kg	1	2.00	90	92	43.8 - 144.9

Laboratory Control Spike (LCS-1)

QC Batch: 67280 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	16.9	mg/Kg	1	20.0	<0.396	84	52.5 - 114.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	16.6	mg/Kg	1	20.0	<0.396	83	52.5 - 114.3	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.21	2.07	mg/Kg	1	2.00	110	104	66.2 - 148.7
4-Bromofluorobenzene (4-BFB)	2.16	2.05	mg/Kg	1	2.00	108	102	64.1 - 127.4

Laboratory Control Spike (LCS-1)

QC Batch: 67336 | Date Analyzed: 2010-02-01 | Analyzed By: AG
Prep Batch: 57514 | QC Preparation: 2010-02-01 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.14	mg/Kg	1	2.00	<0.00410	107	75.4 - 115.7
Toluene	1.98	mg/Kg	1	2.00	<0.00310	99	78.4 - 113.6
Ethylbenzene	1.94	mg/Kg	1	2.00	<0.00240	97	76 - 114.2
Xylene	5.89	mg/Kg	1	6.00	<0.00650	98	76.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.12	mg/Kg	1	2.00	<0.00410	106	75.4 - 115.7	1	20
Toluene	1.96	mg/Kg	1	2.00	<0.00310	98	78.4 - 113.6	1	20
Ethylbenzene	1.91	mg/Kg	1	2.00	<0.00240	96	76 - 114.2	2	20
Xylene	5.81	mg/Kg	1	6.00	<0.00650	97	76.9 - 113.6	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.89	1.75	mg/Kg	1	2.00	94	88	65 - 142.9
4-Bromofluorobenzene (4-BFB)	1.94	1.82	mg/Kg	1	2.00	97	91	43.8 - 144.9

Laboratory Control Spike (LCS-1)

QC Batch: 67341 | Date Analyzed: 2010-02-04 | Analyzed By: AG
Prep Batch: 57592 | QC Preparation: 2010-02-04 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	17.6	mg/Kg	1	20.0	<0.396	88	52.5 - 114.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	18.7	mg/Kg	1	20.0	<0.396	94	52.5 - 114.3	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.22	2.30	mg/Kg	1	2.00	111	115	66.2 - 148.7
4-Bromofluorobenzene (4-BFB)	2.19	2.35	mg/Kg	1	2.00	110	118	64.1 - 127.4

Matrix Spike (MS-1) Spiked Sample: 221090

QC Batch: 67216 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57463 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	9550	mg/Kg	100	10000	<218	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	9660	mg/Kg	100	10000	<218	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221100

QC Batch: 67217 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57464 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12300	mg/Kg	100	10000	1920	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	12400	mg/Kg	100	10000	1920	105	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221110

QC Batch: 67218 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57465 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12600	mg/Kg	100	10000	2440	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	12800	mg/Kg	100	10000	2440	104	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221120

QC Batch: 67219 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57466 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12600	mg/Kg	100	10000	2390	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	12800	mg/Kg	100	10000	2390	104	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221130

QC Batch: 67224 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57467 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12300	mg/Kg	100	10000	2170	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	12400	mg/Kg	100	10000	2170	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221140

QC Batch: 67225 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57468 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10100	mg/Kg	100	10000	<218	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10200	mg/Kg	100	10000	<218	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221151

QC Batch: 67226 | Date Analyzed: 2010-02-02 | Analyzed By: AR
Prep Batch: 57469 | QC Preparation: 2010-02-01 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10600	mg/Kg	100	10000	457	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10700	mg/Kg	100	10000	457	107	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 221147

QC Batch: 67247 | Date Analyzed: 2010-02-02 | Analyzed By: kg
Prep Batch: 57512 | QC Preparation: 2010-02-02 | Prepared By: kg

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	209	mg/Kg	1	250	<5.86	84	35.2 - 167.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	201	mg/Kg	1	250	<5.86	80	35.2 - 167.1	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Tricosane	104	100	mg/Kg	1	100	104	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 211109

QC Batch: 67249 | Date Analyzed: 2010-02-01 | Analyzed By: AG
Prep Batch: 57514 | QC Preparation: 2010-02-01 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	19.7	mg/Kg	1	20.0	<0.396	98	10 - 198.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	18.0	mg/Kg	1	20.0	<0.396	90	10 - 198.3	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.28	2.17	mg/Kg	1	2	114	108	65.5 - 143
4-Bromofluorobenzene (4-BFB)	2.31	2.19	mg/Kg	1	2	116	110	58.6 - 140

Matrix Spike (MS-1) Spiked Sample: 221436

QC Batch: 67279 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.22	mg/Kg	1	2.00	<0.00410	111	57.7 - 140.7
Toluene	2.07	mg/Kg	1	2.00	<0.00310	104	53.4 - 146.6
Ethylbenzene	2.10	mg/Kg	1	2.00	<0.00240	105	62.1 - 141.6
Xylene	6.35	mg/Kg	1	6.00	<0.00650	106	61.2 - 142.7

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.24	mg/Kg	1	2.00	<0.00410	112	57.7 - 140.7	1	20
Toluene	2.11	mg/Kg	1	2.00	<0.00310	106	53.4 - 146.6	2	20
Ethylbenzene	2.12	mg/Kg	1	2.00	<0.00240	106	62.1 - 141.6	1	20
Xylene	6.44	mg/Kg	1	6.00	<0.00650	107	61.2 - 142.7	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.92	1.85	mg/Kg	1	2	96	92	62.7 - 139.6
4-Bromofluorobenzene (4-BFB)	1.97	1.92	mg/Kg	1	2	98	96	49.6 - 146.7

Matrix Spike (MS-1) Spiked Sample: 221136

QC Batch: 67280 | Date Analyzed: 2010-02-03 | Analyzed By: AG
Prep Batch: 57541 | QC Preparation: 2010-02-03 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	19.1	mg/Kg	1	20.0	<0.396	96	10 - 198.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	18.7	mg/Kg	1	20.0	<0.396	94	10 - 198.3	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.31	2.21	mg/Kg	1	2	116	110	65.5 - 143
4-Bromofluorobenzene (4-BFB)	2.32	2.32	mg/Kg	1	2	116	116	58.6 - 140

Matrix Spike (MS-1) Spiked Sample: 221164

QC Batch: 67341 | Date Analyzed: 2010-02-04 | Analyzed By: AG
Prep Batch: 57592 | QC Preparation: 2010-02-04 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	18.2	mg/Kg	1	20.0	<0.396	91	10 - 198.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	19.1	mg/Kg	1	20.0	<0.396	96	10 - 198.3	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.68	2.30	mg/Kg	1	2	84	115	65.5 - 143
4-Bromofluorobenzene (4-BFB)	1.81	2.42	mg/Kg	1	2	90	121	58.6 - 140

Standard (ICV-1)

QC Batch: 67216 | Date Analyzed: 2010-02-02 | Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	105	105	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67216 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	95.3	95	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67217 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.4	98	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67217 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67218 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.5	98	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67218 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67219 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67219 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67224 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.7	99	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67224 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67225 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67225 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2010-02-02

Standard (ICV-1)

QC Batch: 67226 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67226 Date Analyzed: 2010-02-02 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-02-02

Standard (CCV-1)

QC Batch: 67247 Date Analyzed: 2010-02-02 Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	239	96	80 - 120	2010-02-02

Standard (CCV-2)

QC Batch: 67247 Date Analyzed: 2010-02-02 Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	243	97	80 - 120	2010-02-02

Standard (CCV-3)

QC Batch: 67247 Date Analyzed: 2010-02-02 Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	241	96	80 - 120	2010-02-02

Standard (CCV-1)

QC Batch: 67249 Date Analyzed: 2010-02-01 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.11	111	80 - 120	2010-02-01

Standard (CCV-2)

QC Batch: 67249 Date Analyzed: 2010-02-01 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.05	105	80 - 120	2010-02-01

Standard (CCV-1)

QC Batch: 67279 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.105	105	80 - 120	2010-02-03
Toluene		mg/Kg	0.100	0.0962	96	80 - 120	2010-02-03
Ethylbenzene		mg/Kg	0.100	0.0904	90	80 - 120	2010-02-03
Xylene		mg/Kg	0.300	0.273	91	80 - 120	2010-02-03

Standard (CCV-2)

QC Batch: 67279 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	80 - 120	2010-02-03
Toluene		mg/Kg	0.100	0.0950	95	80 - 120	2010-02-03
Ethylbenzene		mg/Kg	0.100	0.0932	93	80 - 120	2010-02-03
Xylene		mg/Kg	0.300	0.282	94	80 - 120	2010-02-03

Standard (CCV-3)

QC Batch: 67279 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	80 - 120	2010-02-03
Toluene		mg/Kg	0.100	0.0955	96	80 - 120	2010-02-03
Ethylbenzene		mg/Kg	0.100	0.0934	93	80 - 120	2010-02-03
Xylene		mg/Kg	0.300	0.283	94	80 - 120	2010-02-03

Standard (CCV-1)

QC Batch: 67280 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.10	110	80 - 120	2010-02-03

Standard (CCV-2)

QC Batch: 67280 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.963	96	80 - 120	2010-02-03

Standard (CCV-3)

QC Batch: 67280 Date Analyzed: 2010-02-03 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.18	118	80 - 120	2010-02-03

Standard (CCV-1)

QC Batch: 67336 Date Analyzed: 2010-02-01 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.108	108	80 - 120	2010-02-01
Toluene		mg/Kg	0.100	0.102	102	80 - 120	2010-02-01
Ethylbenzene		mg/Kg	0.100	0.0996	100	80 - 120	2010-02-01
Xylene		mg/Kg	0.300	0.302	101	80 - 120	2010-02-01

Standard (CCV-2)

QC Batch: 67336 Date Analyzed: 2010-02-01 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.115	115	80 - 120	2010-02-01
Toluene		mg/Kg	0.100	0.106	106	80 - 120	2010-02-01
Ethylbenzene		mg/Kg	0.100	0.105	105	80 - 120	2010-02-01
Xylene		mg/Kg	0.300	0.315	105	80 - 120	2010-02-01

Standard (CCV-1)

QC Batch: 67341 Date Analyzed: 2010-02-04 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.19	119	80 - 120	2010-02-04

Standard (CCV-2)

QC Batch: 67341 Date Analyzed: 2010-02-04 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.03	103	80 - 120	2010-02-04

Order #: 10012911

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 7

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-C400419

PROJECT NAME: St Marys /Parkway Delaware Unit #307 Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221081	1/25		S		X	AH-1 0-1'	1				X			X											X				
082						AH-1 1'-1.5'																							
083						AH-2 0-1'								X															
084						AH-2 1'-1.5'																							
085						AH-2 2'-2.5'																							
086						AH-3 0-1'								X															
087						AH-3 1'-1.5'																							
088						AH-3 1.5'-2																							
089						AH-4 0-1'								X															
090	↓		↓		↓	AH-4 1'-1.5'	↓				↓													↓				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 11/29/10 Time: 16:10
RECEIVED BY: (Signature) Date: 11/29/10 Time: 16:10
SAMPLED BY: (Print & Initial) JT/RG Date: 11/25/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Ike Tavarez Results by:

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: TIME:
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 1.0°C intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples. Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10012911

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

PAGE: 2 OF: 7

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 1121-G400419

PROJECT NAME: St ~~Marys~~ St Marys / Parkway Delaware Unit #307
Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. (Ext. to C35)	TX1005	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221091	1/25		S		X	AH-4 1.5'-2'	1				X															X				
092						AH-5 0-1'								X																
093						AH-5 1'-1.5'																								
094						AH-5 2'-2.5'																								
095						AH-6 0-1'								X																
096						AH-6 1'-1.5'																								
097						AH-6 2'-2.5'																								
098						AH-6 3'-3.5'																								
099						AH-7 0-1'								X																
100						AH-7 1'-1.5'																								

RELINQUISHED BY: (Signature) Date: 1/28/10 Time: 1610
RECEIVED BY: (Signature) Date: 1/28/10 Time: 1610
SAMPLED BY: (Print & Initial) JT/RG Date: 1/25/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Ike Tavarez
Results by:

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: TIME:
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: Cool & Intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples. Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10012911

Analysis Request of Chain of Custody Record

PAGE: 3 OF: 7

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 1121-G400419

PROJECT NAME: St Marys / Parkway Delaware Unit #507
Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. (Ext. to C35) TX1005	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221101	1/25		S		X	AH-7 2'-2.5'	1				X													X				
102						AH-7 2.5'-3'																							
103						AH-8 0-1'								X															
104						AH-8 1'-1.5'																							
105						AH-8 2'-2.5'																							
106						AH-9 0-1'								X															
107						AH-9 1'-1.5'																							
108						AH-9 2'-2.5'																							
109						AH-10 0-1'								X															
110						AH-10 1'-1.5'																							

RELINQUISHED BY: (Signature) — Date: 11/28/10 Time: 1610
RECEIVED BY: (Signature) — Date: 11/28/10 Time: 1611

SAMPLED BY: (Print & Initial) JT/RG — Date: 11/23/10 Time:

RELINQUISHED BY: (Signature) — Date: Time:
RECEIVED BY: (Signature) — Date: Time:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS
HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) — Date: Time:
RECEIVED BY: (Signature) — Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized: Yes No

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE: DATE: TIME:
RECEIVED BY: (Signature)

SAMPLE CONDITION WHEN RECEIVED: 4.0°C Intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10012911

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 7

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Marys

SITE MANAGER: Ike Tovarez

PROJECT NO.: 1121-G400419

PROJECT NAME: St ~~Mary~~ St Marys / Parkway Delaware Unit #507
Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. (Ext. to C35) TX1005	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221111	1/25		S		X	AH-11 0-1'	1				X			X										X				
112						AH-11 1'-1.5'																							
113						AH-11 2'-2.5'																							
114						AH-11 3'-3.5'																							
115						AH-12 0-1'								X															
116						AH-12 1'-1.5'																							
117						AH-12 2'-2.5'																							
118						AH-12 3'-3.5'																							
119						AH-12 4'-4.5'																							
120						AH-13 0-1'								X															

RELINQUISHED BY: (Signature) Date: 1/28/10 Time: 1:46
RECEIVED BY: (Signature) Date: 1/28/10 Time: 16:10
SAMPLED BY: (Print & Initial) JT/RG Date: 1/25/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Ike Tovarez
Results by:
RUSH Charges Authorized: Yes No

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: TIME:

SAMPLE CONDITION WHEN RECEIVED: 4.0°C Intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10012911

Analysis Request of Chain of Custody Record

PAGE: 5 OF: 7

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-C400419

PROJECT NAME: St Marys /Parkway Delaware Unit #307
Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. (Ext. to C35) TX1005	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221121	1/25		S		X	AH-13 1'-1.5'	1				X													X				
122						AH-13 2'-2.5'																							
123						AH-13 3'-3.5'																							
124						AH-13 4'-4.5'																							
125						AH-13 5'-5.5'																							
126						AH-13 6'-6.5'																							
127						AH-14 0-1'								X															
128						AH-14 1'-1.5'																							
129						AH-15 0-1'								X															
130						AH-15 1'-1.5'																							

RELINQUISHED BY: (Signature) Date: 1/26/10 Time: 1610
RECEIVED BY: (Signature) Date: 1/26/10 Time: 1610
SAMPLED BY: (Print & Initial) JT/RG Date: 1/25/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Ike Tavarez
Results by:

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE: DATE: TIME:
RECEIVED BY: (Signature)
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10012911

Analysis Request of Chain of Custody Record

PAGE: 6 OF: 7

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 1121-G400419

PROJECT NAME: St Marys /Parkway Delaware Unit #307 Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
221131	1/25		S		X	AH-15 2'-2.5'	1				X			X											X				
132						AH-1L 0-1'								X															
133						AH-1L 1'-1.5'																							
134						AH-1L 2'-2.5'																							
135						AH-1L 3'-3.5'																							
136						AH-17 0-1'								X															
137						AH-17 1'-1.5'																							
138						AH-17 2'-2.5'																							
139						AH-17 3'-3.5'																							
140						AH-18 0-1'								X															

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 11/28/10 Time: 1610

RECEIVED BY: (Signature) Date: 11/28/10 Time: 1610

SAMPLED BY: (Print & Initial) JT/RG Date: 11/25/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS

AIRBILL #:

OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RECEIVING LABORATORY: Trace

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: TIME:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0c intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order # : 10012911

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Marys

SITE MANAGER: Ike Tavarez

PROJECT NO.: 1121-G400419

PROJECT NAME: St Marys / Parkway Delaware Unit #507
Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE
221411	1/25		S		X	AH-18 1'-1.5'	1				X	
142						AH-18 2'-2.5'						
						AH						

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B	TPH 8015 MOD. / TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
												X				
												X				

RELINQUISHED BY: (Signature) — Date: 1/28/10 Time: 1610
RECEIVED BY: (Signature) — Date: 1/28/10 Time: 1610

SAMPLED BY: (Print & Initial) JT / RG — Date: 1/25/10 Time:

RELINQUISHED BY: (Signature) — Date: Time:
RECEIVED BY: (Signature) — Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS — AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) — Date: Time:
RECEIVED BY: (Signature) — Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez — Results by:

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE: DATE: TIME:
RECEIVED BY: (Signature)

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceeds 1,000 mg/kg run deeper samples. Run 10 BTEX w/ highest TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Summary Report

Ike Tavarez
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: June 10, 2010

Work Order: 10060111

Project Location: Eddy County, NM
Project Name: St. Mary/PDU #507
Project Number: 114-6400419

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233298	SB-1 1'	soil	2010-05-26	00:00	2010-05-28
233299	SB-1 3'	soil	2010-05-26	00:00	2010-05-28
233300	SB-1 5'	soil	2010-05-26	00:00	2010-05-28
233301	SB-1 7'	soil	2010-05-26	00:00	2010-05-28
233302	SB-1 10'	soil	2010-05-26	00:00	2010-05-28
233303	SB-1 15'	soil	2010-05-26	00:00	2010-05-28
233304	SB-1 20'	soil	2010-05-26	00:00	2010-05-28
233305	SB-1 25'	soil	2010-05-26	00:00	2010-05-28
233306	SB-2 1'	soil	2010-05-26	00:00	2010-05-28
233307	SB-2 3'	soil	2010-05-26	00:00	2010-05-28
233308	SB-2 5'	soil	2010-05-26	00:00	2010-05-28
233309	SB-2 7'	soil	2010-05-26	00:00	2010-05-28
233310	SB-2 10'	soil	2010-05-26	00:00	2010-05-28
233311	SB-2 15'	soil	2010-05-26	00:00	2010-05-28
233312	SB-2 20'	soil	2010-05-26	00:00	2010-05-28
233313	SB-2 25'	soil	2010-05-26	00:00	2010-05-28
233314	SB-3 1'	soil	2010-05-26	00:00	2010-05-28
233315	SB-3 3'	soil	2010-05-26	00:00	2010-05-28
233316	SB-3 5'	soil	2010-05-26	00:00	2010-05-28
233317	SB-3 7'	soil	2010-05-26	00:00	2010-05-28
233318	SB-3 10'	soil	2010-05-26	00:00	2010-05-28
233319	SB-3 15'	soil	2010-05-26	00:00	2010-05-28
233320	SB-3 20'	soil	2010-05-26	00:00	2010-05-28
233321	SB-3 25'	soil	2010-05-26	00:00	2010-05-28
233322	SB-3 30'	soil	2010-05-26	00:00	2010-05-28
233323	SB-3 40'	soil	2010-05-26	00:00	2010-05-28
233324	SB-4 1'	soil	2010-05-26	00:00	2010-05-28
233325	SB-4 3'	soil	2010-05-26	00:00	2010-05-28
233326	SB-4 5'	soil	2010-05-26	00:00	2010-05-28
233327	SB-4 7'	soil	2010-05-26	00:00	2010-05-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233328	SB-4 10'	soil	2010-05-26	00:00	2010-05-28
233329	SB-4 15'	soil	2010-05-26	00:00	2010-05-28
233330	SB-4 20'	soil	2010-05-26	00:00	2010-05-28
233331	SB-4 30'	soil	2010-05-26	00:00	2010-05-28
233332	SB-4 40'	soil	2010-05-26	00:00	2010-05-28
233333	SB-5 1'	soil	2010-05-26	00:00	2010-05-28
233334	SB-5 3'	soil	2010-05-26	00:00	2010-05-28
233335	SB-5 5'	soil	2010-05-26	00:00	2010-05-28
233336	SB-5 7'	soil	2010-05-26	00:00	2010-05-28
233337	SB-5 10'	soil	2010-05-26	00:00	2010-05-28
233338	SB-5 15'	soil	2010-05-26	00:00	2010-05-28
233339	SB-5 20'	soil	2010-05-26	00:00	2010-05-28
233340	SB-5 30'	soil	2010-05-26	00:00	2010-05-28
233341	SB-6 1'	soil	2010-05-27	00:00	2010-05-28
233342	SB-6 3'	soil	2010-05-27	00:00	2010-05-28
233343	SB-6 5'	soil	2010-05-27	00:00	2010-05-28
233344	SB-6 7'	soil	2010-05-27	00:00	2010-05-28
233345	SB-6 10'	soil	2010-05-27	00:00	2010-05-28
233346	SB-6 15'	soil	2010-05-27	00:00	2010-05-28
233347	SB-6 20'	soil	2010-05-27	00:00	2010-05-28
233348	SB-6 25'	soil	2010-05-27	00:00	2010-05-28
233349	SB-6 30'	soil	2010-05-27	00:00	2010-05-28
233350	SB-7 1'	soil	2010-05-27	00:00	2010-05-28
233351	SB-7 3'	soil	2010-05-27	00:00	2010-05-28
233352	SB-7 5'	soil	2010-05-27	00:00	2010-05-28
233353	SB-7 7'	soil	2010-05-27	00:00	2010-05-28
233354	SB-7 10'	soil	2010-05-27	00:00	2010-05-28
233355	SB-7 15'	soil	2010-05-27	00:00	2010-05-28
233356	SB-7 20'	soil	2010-05-27	00:00	2010-05-28
233357	SB-7 25'	soil	2010-05-27	00:00	2010-05-28
233358	SB-7 30'	soil	2010-05-27	00:00	2010-05-28
233359	SB-7 35'	soil	2010-05-27	00:00	2010-05-28
233360	SB-7 40'	soil	2010-05-27	00:00	2010-05-28
233361	SB-8 1'	soil	2010-05-27	00:00	2010-05-28
233362	SB-8 3'	soil	2010-05-27	00:00	2010-05-28
233363	SB-8 5'	soil	2010-05-27	00:00	2010-05-28
233364	SB-8 7'	soil	2010-05-27	00:00	2010-05-28
233365	SB-8 10'	soil	2010-05-27	00:00	2010-05-28
233366	SB-8 15'	soil	2010-05-27	00:00	2010-05-28
233367	SB-8 20'	soil	2010-05-27	00:00	2010-05-28
233368	SB-8 25'	soil	2010-05-27	00:00	2010-05-28
233369	SB-8 30'	soil	2010-05-27	00:00	2010-05-28
233370	SB-8 35'	soil	2010-05-27	00:00	2010-05-28
233371	SB-8 40'	soil	2010-05-27	00:00	2010-05-28
233372	SB-9 1'	soil	2010-05-27	00:00	2010-05-28
233373	SB-9 3'	soil	2010-05-27	00:00	2010-05-28
233374	SB-9 5'	soil	2010-05-27	00:00	2010-05-28
233375	SB-9 7'	soil	2010-05-27	00:00	2010-05-28
233376	SB-9 10'	soil	2010-05-27	00:00	2010-05-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233377	SB-9 15'	soil	2010-05-27	00:00	2010-05-28
233378	SB-9 20'	soil	2010-05-27	00:00	2010-05-28
233379	SB-9 25'	soil	2010-05-27	00:00	2010-05-28
233380	SB-9 30'	soil	2010-05-27	00:00	2010-05-28
233381	SB-9 35'	soil	2010-05-27	00:00	2010-05-28
233382	SB-9 40'	soil	2010-05-27	00:00	2010-05-28

Sample: 233298 - SB-1 1'

Param	Flag	Result	Units	RL
Chloride		**1500**	mg/Kg	4.00

Sample: 233299 - SB-1 3'

Param	Flag	Result	Units	RL
Chloride		**4970**	mg/Kg	4.00

Sample: 233300 - SB-1 5'

Param	Flag	Result	Units	RL
Chloride		**359**	mg/Kg	4.00

Sample: 233301 - SB-1 7'

Param	Flag	Result	Units	RL
Chloride		**243**	mg/Kg	4.00

Sample: 233302 - SB-1 10'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233303 - SB-1 15'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233304 - SB-1 20'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233305 - SB-1 25'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233306 - SB-2 1'

Param	Flag	Result	Units	RL
Chloride		**4320**	mg/Kg	4.00

Sample: 233307 - SB-2 3'

Param	Flag	Result	Units	RL
Chloride		**2500**	mg/Kg	4.00

Sample: 233308 - SB-2 5'

Param	Flag	Result	Units	RL
Chloride		**1410**	mg/Kg	4.00

Sample: 233309 - SB-2 7'

Param	Flag	Result	Units	RL
Chloride		**332**	mg/Kg	4.00

Sample: 233310 - SB-2 10'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233311 - SB-2 15'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233312 - SB-2 20'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233313 - SB-2 25'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233314 - SB-3 1'

Param	Flag	Result	Units	RL
Chloride		**5680**	mg/Kg	4.00

Sample: 233315 - SB-3 3'

Param	Flag	Result	Units	RL
Chloride		**1780**	mg/Kg	4.00

Sample: 233316 - SB-3 5'

Param	Flag	Result	Units	RL
Chloride		**1180**	mg/Kg	4.00

Sample: 233317 - SB-3 7'

Param	Flag	Result	Units	RL
Chloride		**1480**	mg/Kg	4.00

Sample: 233318 - SB-3 10'

Param	Flag	Result	Units	RL
Chloride		**308**	mg/Kg	4.00

Sample: 233319 - SB-3 15'

Param	Flag	Result	Units	RL
Chloride		**3120**	mg/Kg	4.00

Sample: 233320 - SB-3 20'

Param	Flag	Result	Units	RL
Chloride		**1380**	mg/Kg	4.00

Sample: 233321 - SB-3 25'

Param	Flag	Result	Units	RL
Chloride		**227**	mg/Kg	4.00

Sample: 233322 - SB-3 30'

Param	Flag	Result	Units	RL
Chloride		**290**	mg/Kg	4.00

Sample: 233323 - SB-3 40'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233324 - SB-4 1'

Param	Flag	Result	Units	RL
Chloride		**5200**	mg/Kg	4.00

Sample: 233325 - SB-4 3'

Param	Flag	Result	Units	RL
Chloride		**6110**	mg/Kg	4.00

Sample: 233326 - SB-4 5'

Param	Flag	Result	Units	RL
Chloride		**1810**	mg/Kg	4.00

Sample: 233327 - SB-4 7'

Param	Flag	Result	Units	RL
Chloride		**1470**	mg/Kg	4.00

Sample: 233328 - SB-4 10'

Param	Flag	Result	Units	RL
Chloride		**420**	mg/Kg	4.00

Sample: 233329 - SB-4 15'

Param	Flag	Result	Units	RL
Chloride		**222**	mg/Kg	4.00

Sample: 233330 - SB-4 20'

Param	Flag	Result	Units	RL
Chloride		**241**	mg/Kg	4.00

Sample: 233331 - SB-4 30'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233332 - SB-4 40'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233333 - SB-5 1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233334 - SB-5 3'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233335 - SB-5 5'

Param	Flag	Result	Units	RL
Chloride		**2520**	mg/Kg	4.00

Sample: 233336 - SB-5 7'

Param	Flag	Result	Units	RL
Chloride		**3600**	mg/Kg	4.00

Sample: 233337 - SB-5 10'

Param	Flag	Result	Units	RL
Chloride		**3150**	mg/Kg	4.00

Sample: 233338 - SB-5 15'

Param	Flag	Result	Units	RL
Chloride		**1440**	mg/Kg	4.00

Sample: 233339 - SB-5 20'

Param	Flag	Result	Units	RL
Chloride		**767**	mg/Kg	4.00

Sample: 233340 - SB-5 30'

Param	Flag	Result	Units	RL
Chloride		**452**	mg/Kg	4.00

Sample: 233341 - SB-6 1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233342 - SB-6 3'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233343 - SB-6 5'

Param	Flag	Result	Units	RL
Chloride		**337**	mg/Kg	4.00

Sample: 233344 - SB-6 7'

Param	Flag	Result	Units	RL
Chloride		**902**	mg/Kg	4.00

Sample: 233345 - SB-6 10'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233346 - SB-6 15'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233347 - SB-6 20'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233348 - SB-6 25'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233349 - SB-6 30'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233350 - SB-7 1'

Param	Flag	Result	Units	RL
Chloride		**307**	mg/Kg	4.00

Sample: 233351 - SB-7 3'

Param	Flag	Result	Units	RL
Chloride		**348**	mg/Kg	4.00

Sample: 233352 - SB-7 5'

Param	Flag	Result	Units	RL
Chloride		**1560**	mg/Kg	4.00

Sample: 233353 - SB-7 7'

Param	Flag	Result	Units	RL
Chloride		**2150**	mg/Kg	4.00

Sample: 233354 - SB-7 10'

Param	Flag	Result	Units	RL
Chloride		**1170**	mg/Kg	4.00

Sample: 233355 - SB-7 15'

Param	Flag	Result	Units	RL
Chloride		**249**	mg/Kg	4.00

Sample: 233356 - SB-7 20'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233357 - SB-7 25'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233358 - SB-7 30'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233359 - SB-7 35'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233360 - SB-7 40'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233361 - SB-8 1'

Param	Flag	Result	Units	RL
Chloride		**264**	mg/Kg	4.00

Sample: 233362 - SB-8 3'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233363 - SB-8 5'

Param	Flag	Result	Units	RL
Chloride		**3000**	mg/Kg	4.00

Sample: 233364 - SB-8 7'

Param	Flag	Result	Units	RL
Chloride		**2950**	mg/Kg	4.00

Sample: 233365 - SB-8 10'

Param	Flag	Result	Units	RL
Chloride		**1360**	mg/Kg	4.00

Sample: 233366 - SB-8 15'

Param	Flag	Result	Units	RL
Chloride		**742**	mg/Kg	4.00

Sample: 233367 - SB-8 20'

Param	Flag	Result	Units	RL
Chloride		**498**	mg/Kg	4.00

Sample: 233368 - SB-8 25'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233369 - SB-8 30'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233370 - SB-8 35'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233371 - SB-8 40'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 233372 - SB-9 1'

Param	Flag	Result	Units	RL
Chloride		**1750**	mg/Kg	4.00

Sample: 233373 - SB-9 3'

Param	Flag	Result	Units	RL
Chloride		**2220**	mg/Kg	4.00

Sample: 233374 - SB-9 5'

Param	Flag	Result	Units	RL
Chloride		**3130**	mg/Kg	4.00

Sample: 233375 - SB-9 7'

Param	Flag	Result	Units	RL
Chloride		**1210**	mg/Kg	4.00

Sample: 233376 - SB-9 10'

Param	Flag	Result	Units	RL
Chloride		**1030**	mg/Kg	4.00

Sample: 233377 - SB-9 15'

Param	Flag	Result	Units	RL
Chloride		**1650**	mg/Kg	4.00

Sample: 233378 - SB-9 20'

Param	Flag	Result	Units	RL
Chloride		**1470**	mg/Kg	4.00

Sample: 233379 - SB-9 25'

Param	Flag	Result	Units	RL
Chloride		**2640**	mg/Kg	4.00

Sample: 233380 - SB-9 30'

Param	Flag	Result	Units	RL
Chloride		**236**	mg/Kg	4.00

Sample: 233381 - SB-9 35'

Param	Flag	Result	Units	RL
Chloride		**271**	mg/Kg	4.00

Sample: 233382 - SB-9 40'

Param	Flag	Result	Units	RL
Chloride		**281**	mg/Kg	4.00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Ike Tavarez
Tetra Tech
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: June 10, 2010

Work Order: 10060111

Project Location: Eddy County, NM
Project Name: St. Mary/PDU #507
Project Number: 114-6400419

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233298	SB-1 1'	soil	2010-05-26	00:00	2010-05-28
233299	SB-1 3'	soil	2010-05-26	00:00	2010-05-28
233300	SB-1 5'	soil	2010-05-26	00:00	2010-05-28
233301	SB-1 7'	soil	2010-05-26	00:00	2010-05-28
233302	SB-1 10'	soil	2010-05-26	00:00	2010-05-28
233303	SB-1 15'	soil	2010-05-26	00:00	2010-05-28
233304	SB-1 20'	soil	2010-05-26	00:00	2010-05-28
233305	SB-1 25'	soil	2010-05-26	00:00	2010-05-28
233306	SB-2 1'	soil	2010-05-26	00:00	2010-05-28
233307	SB-2 3'	soil	2010-05-26	00:00	2010-05-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233308	SB-2 5'	soil	2010-05-26	00:00	2010-05-28
233309	SB-2 7'	soil	2010-05-26	00:00	2010-05-28
233310	SB-2 10'	soil	2010-05-26	00:00	2010-05-28
233311	SB-2 15'	soil	2010-05-26	00:00	2010-05-28
233312	SB-2 20'	soil	2010-05-26	00:00	2010-05-28
233313	SB-2 25'	soil	2010-05-26	00:00	2010-05-28
233314	SB-3 1'	soil	2010-05-26	00:00	2010-05-28
233315	SB-3 3'	soil	2010-05-26	00:00	2010-05-28
233316	SB-3 5'	soil	2010-05-26	00:00	2010-05-28
233317	SB-3 7'	soil	2010-05-26	00:00	2010-05-28
233318	SB-3 10'	soil	2010-05-26	00:00	2010-05-28
233319	SB-3 15'	soil	2010-05-26	00:00	2010-05-28
233320	SB-3 20'	soil	2010-05-26	00:00	2010-05-28
233321	SB-3 25'	soil	2010-05-26	00:00	2010-05-28
233322	SB-3 30'	soil	2010-05-26	00:00	2010-05-28
233323	SB-3 40'	soil	2010-05-26	00:00	2010-05-28
233324	SB-4 1'	soil	2010-05-26	00:00	2010-05-28
233325	SB-4 3'	soil	2010-05-26	00:00	2010-05-28
233326	SB-4 5'	soil	2010-05-26	00:00	2010-05-28
233327	SB-4 7'	soil	2010-05-26	00:00	2010-05-28
233328	SB-4 10'	soil	2010-05-26	00:00	2010-05-28
233329	SB-4 15'	soil	2010-05-26	00:00	2010-05-28
233330	SB-4 20'	soil	2010-05-26	00:00	2010-05-28
233331	SB-4 30'	soil	2010-05-26	00:00	2010-05-28
233332	SB-4 40'	soil	2010-05-26	00:00	2010-05-28
233333	SB-5 1'	soil	2010-05-26	00:00	2010-05-28
233334	SB-5 3'	soil	2010-05-26	00:00	2010-05-28
233335	SB-5 5'	soil	2010-05-26	00:00	2010-05-28
233336	SB-5 7'	soil	2010-05-26	00:00	2010-05-28
233337	SB-5 10'	soil	2010-05-26	00:00	2010-05-28
233338	SB-5 15'	soil	2010-05-26	00:00	2010-05-28
233339	SB-5 20'	soil	2010-05-26	00:00	2010-05-28
233340	SB-5 30'	soil	2010-05-26	00:00	2010-05-28
233341	SB-6 1'	soil	2010-05-27	00:00	2010-05-28
233342	SB-6 3'	soil	2010-05-27	00:00	2010-05-28
233343	SB-6 5'	soil	2010-05-27	00:00	2010-05-28
233344	SB-6 7'	soil	2010-05-27	00:00	2010-05-28
233345	SB-6 10'	soil	2010-05-27	00:00	2010-05-28
233346	SB-6 15'	soil	2010-05-27	00:00	2010-05-28
233347	SB-6 20'	soil	2010-05-27	00:00	2010-05-28
233348	SB-6 25'	soil	2010-05-27	00:00	2010-05-28
233349	SB-6 30'	soil	2010-05-27	00:00	2010-05-28
233350	SB-7 1'	soil	2010-05-27	00:00	2010-05-28
233351	SB-7 3'	soil	2010-05-27	00:00	2010-05-28
233352	SB-7 5'	soil	2010-05-27	00:00	2010-05-28
233353	SB-7 7'	soil	2010-05-27	00:00	2010-05-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233354	SB-7 10'	soil	2010-05-27	00:00	2010-05-28
233355	SB-7 15'	soil	2010-05-27	00:00	2010-05-28
233356	SB-7 20'	soil	2010-05-27	00:00	2010-05-28
233357	SB-7 25'	soil	2010-05-27	00:00	2010-05-28
233358	SB-7 30'	soil	2010-05-27	00:00	2010-05-28
233359	SB-7 35'	soil	2010-05-27	00:00	2010-05-28
233360	SB-7 40'	soil	2010-05-27	00:00	2010-05-28
233361	SB-8 1'	soil	2010-05-27	00:00	2010-05-28
233362	SB-8 3'	soil	2010-05-27	00:00	2010-05-28
233363	SB-8 5'	soil	2010-05-27	00:00	2010-05-28
233364	SB-8 7'	soil	2010-05-27	00:00	2010-05-28
233365	SB-8 10'	soil	2010-05-27	00:00	2010-05-28
233366	SB-8 15'	soil	2010-05-27	00:00	2010-05-28
233367	SB-8 20'	soil	2010-05-27	00:00	2010-05-28
233368	SB-8 25'	soil	2010-05-27	00:00	2010-05-28
233369	SB-8 30'	soil	2010-05-27	00:00	2010-05-28
233370	SB-8 35'	soil	2010-05-27	00:00	2010-05-28
233371	SB-8 40'	soil	2010-05-27	00:00	2010-05-28
233372	SB-9 1'	soil	2010-05-27	00:00	2010-05-28
233373	SB-9 3'	soil	2010-05-27	00:00	2010-05-28
233374	SB-9 5'	soil	2010-05-27	00:00	2010-05-28
233375	SB-9 7'	soil	2010-05-27	00:00	2010-05-28
233376	SB-9 10'	soil	2010-05-27	00:00	2010-05-28
233377	SB-9 15'	soil	2010-05-27	00:00	2010-05-28
233378	SB-9 20'	soil	2010-05-27	00:00	2010-05-28
233379	SB-9 25'	soil	2010-05-27	00:00	2010-05-28
233380	SB-9 30'	soil	2010-05-27	00:00	2010-05-28
233381	SB-9 35'	soil	2010-05-27	00:00	2010-05-28
233382	SB-9 40'	soil	2010-05-27	00:00	2010-05-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project St. Mary/PDU #507 were received by TraceAnalysis, Inc. on 2010-05-28 and assigned to work order 10060111. Samples for work order 10060111 were received intact at a temperature of 3.6 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
Chloride (Titration)	SM 4500-Cl B	60453	2010-06-03 at 09:51	70684	2010-06-07 at 13:48
Chloride (Titration)	SM 4500-Cl B	60471	2010-06-03 at 16:02	70685	2010-06-07 at 13:49
Chloride (Titration)	SM 4500-Cl B	60472	2010-06-03 at 16:02	70686	2010-06-07 at 13:50
Chloride (Titration)	SM 4500-Cl B	60473	2010-06-03 at 16:03	70692	2010-06-07 at 14:49
Chloride (Titration)	SM 4500-Cl B	60474	2010-06-03 at 16:03	70693	2010-06-07 at 14:50
Chloride (Titration)	SM 4500-Cl B	60475	2010-06-03 at 16:04	70699	2010-06-08 at 09:07
Chloride (Titration)	SM 4500-Cl B	60476	2010-06-03 at 16:04	70700	2010-06-08 at 09:07
Chloride (Titration)	SM 4500-Cl B	60553	2010-06-08 at 08:44	70711	2010-06-08 at 13:09
Chloride (Titration)	SM 4500-Cl B	60554	2010-06-08 at 08:45	70712	2010-06-08 at 13:11
Chloride (Titration)	SM 4500-Cl B	60555	2010-06-08 at 08:45	70713	2010-06-08 at 13:12

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10060111 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 233298 - SB-1 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70684	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60453	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1500**	mg/Kg	100	4.00

Sample: 233299 - SB-1 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70684	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60453	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**4970**	mg/Kg	100	4.00

Sample: 233300 - SB-1 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70684	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60453	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**359**	mg/Kg	50	4.00

Sample: 233301 - SB-1 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

continued ...

sample 233301 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**243**	mg/Kg	50	4.00

Sample: 233302 - SB-1 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233303 - SB-1 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233304 - SB-1 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233305 - SB-1 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233306 - SB-2 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**4320**	mg/Kg	100	4.00

Sample: 233307 - SB-2 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2500**	mg/Kg	100	4.00

Sample: 233308 - SB-2 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1410**	mg/Kg	100	4.00

Sample: 233309 - SB-2 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**332**		mg/Kg	50	4.00

Sample: 233310 - SB-2 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<200		mg/Kg	50	4.00

Sample: 233311 - SB-2 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<200		mg/Kg	50	4.00

Sample: 233312 - SB-2 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<200		mg/Kg	50	4.00

Sample: 233313 - SB-2 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233314 - SB-3 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**5680**	mg/Kg	100	4.00

Sample: 233315 - SB-3 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1780**	mg/Kg	100	4.00

Sample: 233316 - SB-3 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1180**	mg/Kg	100	4.00

Sample: 233317 - SB-3 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1480**	mg/Kg	100	4.00

Sample: 233318 - SB-3 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**308**	mg/Kg	50	4.00

Sample: 233319 - SB-3 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3120**	mg/Kg	100	4.00

Sample: 233320 - SB-3 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1380**	mg/Kg	100	4.00

Sample: 233321 - SB-3 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**227**		mg/Kg	50	4.00

Sample: 233322 - SB-3 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**290**		mg/Kg	50	4.00

Sample: 233323 - SB-3 40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<200		mg/Kg	50	4.00

Sample: 233324 - SB-4 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**5200**		mg/Kg	100	4.00

Sample: 233325 - SB-4 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**6110**	mg/Kg	100	4.00

Sample: 233326 - SB-4 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1810**	mg/Kg	100	4.00

Sample: 233327 - SB-4 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1470**	mg/Kg	100	4.00

Sample: 233328 - SB-4 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**420**	mg/Kg	50	4.00

Sample: 233329 - SB-4 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**222**	mg/Kg	50	4.00

Sample: 233330 - SB-4 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**241**	mg/Kg	50	4.00

Sample: 233331 - SB-4 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233332 - SB-4 40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233333 - SB-5 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233334 - SB-5 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233335 - SB-5 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2520**	mg/Kg	100	4.00

Sample: 233336 - SB-5 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3600**	mg/Kg	100	4.00

Sample: 233337 - SB-5 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3150**	mg/Kg	100	4.00

Sample: 233338 - SB-5 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1440**	mg/Kg	100	4.00

Sample: 233339 - SB-5 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**767**	mg/Kg	50	4.00

Sample: 233340 - SB-5 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**452**	mg/Kg	50	4.00

Sample: 233341 - SB-6 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233342 - SB-6 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233343 - SB-6 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**337**	mg/Kg	50	4.00

Sample: 233344 - SB-6 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**902**	mg/Kg	100	4.00

Sample: 233345 - SB-6 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233346 - SB-6 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233347 - SB-6 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233348 - SB-6 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233349 - SB-6 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233350 - SB-7 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**307**	mg/Kg	50	4.00

Sample: 233351 - SB-7 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**348**	mg/Kg	50	4.00

Sample: 233352 - SB-7 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1560**	mg/Kg	100	4.00

Sample: 233353 - SB-7 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2150**	mg/Kg	100	4.00

Sample: 233354 - SB-7 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1170**	mg/Kg	100	4.00

Sample: 233355 - SB-7 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**249**	mg/Kg	50	4.00

Sample: 233356 - SB-7 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233357 - SB-7 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233358 - SB-7 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233359 - SB-7 35'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233360 - SB-7 40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	Sample Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233361 - SB-8 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**264**	mg/Kg	50	4.00

Sample: 233362 - SB-8 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233363 - SB-8 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**3000**	mg/Kg	100	4.00

Sample: 233364 - SB-8 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2950**	mg/Kg	100	4.00

Sample: 233365 - SB-8 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1360**	mg/Kg	100	4.00

Sample: 233366 - SB-8 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**742**	mg/Kg	50	4.00

Sample: 233367 - SB-8 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**498**	mg/Kg	50	4.00

Sample: 233368 - SB-8 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233369 - SB-8 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233370 - SB-8 35'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233371 - SB-8 40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 233372 - SB-9 1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1750**	mg/Kg	100	4.00

Sample: 233373 - SB-9 3'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2220**	mg/Kg	100	4.00

Sample: 233374 - SB-9 5'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3130**	mg/Kg	100	4.00

Sample: 233375 - SB-9 7'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1210**	mg/Kg	100	4.00

Sample: 233376 - SB-9 10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1030**	mg/Kg	100	4.00

Sample: 233377 - SB-9 15'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1650**	mg/Kg	100	4.00

Sample: 233378 - SB-9 20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1470**	mg/Kg	100	4.00

Sample: 233379 - SB-9 25'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**2640**	mg/Kg	100	4.00

Sample: 233380 - SB-9 30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**236**	mg/Kg	50	4.00

Sample: 233381 - SB-9 35'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70713	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60555	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**271**	mg/Kg	50	4.00

Sample: 233382 - SB-9 40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70713	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60555	Sample Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**281**	mg/Kg	50	4.00

Method Blank (1) QC Batch: 70684

QC Batch:	70684	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60453	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70685

QC Batch:	70685	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60471	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70686

QC Batch:	70686	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60472	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70692

QC Batch:	70692	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60473	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70693

QC Batch:	70693	Date Analyzed:	2010-06-07	Analyzed By:	AR
Prep Batch:	60474	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70699

QC Batch:	70699	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60475	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70700

QC Batch:	70700	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60476	QC Preparation:	2010-06-03	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70711

QC Batch:	70711	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60553	QC Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70712

QC Batch:	70712	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60554	QC Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 70713

QC Batch:	70713	Date Analyzed:	2010-06-08	Analyzed By:	AR
Prep Batch:	60555	QC Preparation:	2010-06-08	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Laboratory Control Spike (LCS-1)

QC Batch: 70684 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60453 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.3	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70685 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60471 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.7	mg/Kg	1	100	<2.18	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70686 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60472 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.3	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	102	mg/Kg	1	100	<2.18	102	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70692 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60473 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.6	mg/Kg	1	100	<2.18	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70693 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60474 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.8	mg/Kg	1	100	<2.18	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70699 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60475 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.1	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70700 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60476 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.5	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	100	mg/Kg	1	100	<2.18	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70711 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60553 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.7	mg/Kg	1	100	<2.18	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<2.18	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70712 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60554 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.4	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	102	mg/Kg	1	100	<2.18	102	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 70713 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60555 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.9	mg/Kg	1	100	<2.18	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	102	mg/Kg	1	100	<2.18	102	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233300

QC Batch: 70684 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60453 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10300	mg/Kg	100	10000	359	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10500	mg/Kg	100	10000	359	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233310

QC Batch: 70685 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60471 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10300	mg/Kg	100	10000	<218	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10400	mg/Kg	100	10000	<218	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233320

QC Batch: 70686 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60472 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10900	mg/Kg	100	10000	1380	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	11100	mg/Kg	100	10000	1380	97	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233330

QC Batch: 70692 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60473 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10100	mg/Kg	100	10000	241	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10300	mg/Kg	100	10000	241	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233340

QC Batch: 70693 | Date Analyzed: 2010-06-07 | Analyzed By: AR
Prep Batch: 60474 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10100	mg/Kg	100	10000	452	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10400	mg/Kg	100	10000	452	99	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233350

QC Batch: 70699 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60475 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10400	mg/Kg	100	10000	307	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10600	mg/Kg	100	10000	307	103	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233360

QC Batch: 70700 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60476 | QC Preparation: 2010-06-03 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10100	mg/Kg	100	10000	<218	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10300	mg/Kg	100	10000	<218	103	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233370

QC Batch: 70711 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60553 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10200	mg/Kg	100	10000	<218	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10300	mg/Kg	100	10000	<218	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233380

QC Batch: 70712 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60554 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	9990	mg/Kg	100	10000	236	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10200	mg/Kg	100	10000	236	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 233858

QC Batch: 70713 | Date Analyzed: 2010-06-08 | Analyzed By: AR
Prep Batch: 60555 | QC Preparation: 2010-06-08 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10100	mg/Kg	100	10000	<218	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10200	mg/Kg	100	10000	<218	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 70684 | Date Analyzed: 2010-06-07 | Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.5	100	85 - 115	2010-06-07

Standard (CCV-1)

QC Batch: 70684 | Date Analyzed: 2010-06-07 | Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2010-06-07

Standard (ICV-1)

QC Batch: 70685 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-07

Standard (CCV-1)

QC Batch: 70685 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.9	100	85 - 115	2010-06-07

Standard (ICV-1)

QC Batch: 70686 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.4	98	85 - 115	2010-06-07

Standard (CCV-1)

QC Batch: 70686 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2010-06-07

Standard (ICV-1)

QC Batch: 70692 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-07

Standard (CCV-1)

QC Batch: 70692 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2010-06-07

Standard (ICV-1)

QC Batch: 70693 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-07

Standard (CCV-1)

QC Batch: 70693 Date Analyzed: 2010-06-07 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2010-06-07

Standard (ICV-1)

QC Batch: 70699 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-08

Standard (CCV-1)

QC Batch: 70699 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.9	100	85 - 115	2010-06-08

Standard (ICV-1)

QC Batch: 70700 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-08

Standard (CCV-1)

QC Batch: 70700 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2010-06-08

Standard (ICV-1)

QC Batch: 70711 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2010-06-08

Standard (CCV-1)

QC Batch: 70711 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2010-06-08

Standard (ICV-1)

QC Batch: 70712 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.9	99	85 - 115	2010-06-08

Standard (CCV-1)

QC Batch: 70712 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2010-06-08

Standard (ICV-1)

QC Batch: 70713 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2010-06-08

Standard (CCV-1)

QC Batch: 70713 Date Analyzed: 2010-06-08 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.8	99	85 - 115	2010-06-08

Order #: 10060111

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 9

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400419

PROJECT NAME: St Mary / PDU #507

Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 8081/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233298	5/26		S		X	SB-1 1'	1				X														X				
299						SB-1 3'	1				X														X				
300						SB-1 5'	1				X														X				
301						SB-1 7'	1				X														X				
302						SB-1 10'	1				X														X				
303						SB-1 15'	1				X														X				
304						SB-1 20'	1				X														X				
305						SB-1 25'	1				X														X				
306						SB-2 1'	1				X														X				
307						SB-2 3'	1				X														X				

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/26/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS

AIRBILL #:

OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RECEIVING LABORATORY: TRACE

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: 5/28/10 TIME: 1300

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C.

REMARKS: ALL tests Midland

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 10060111

Analysis Request of Chain of Custody Record

PAGE: 2 OF: 9

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6100419

PROJECT NAME: St Mary / PDU #507 Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233308	5/26		S		X	SB-2 5'	1				X													X				
309						SB-2 7'	1				X													X				
310						SB-2 10'	1				X													X				
311						SB-2 15'	1				X													X				
312						SB-2 20'	1				X													X				
313						SB-2 25'	1				X													X				
314						SB-3 1'	1				X													X				
315						SB-3 3'	1				X													X				
316						SB-3 5'	1				X													X				
317						SB-3 7'	1				X													X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 5/26/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/26/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RECEIVING LABORATORY: TRACE

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: 5.26.10 TIME: 1300

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6° C

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 100160111

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St. Mary
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-640 0419
PROJECT NAME: St Mary / PDW #507 Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE
233318	5/26		S		X	SB-3 10'	1				X	
319						SB-3 15'	1				X	
320						SB-3 20'	1				X	
321						SB-3 25'	1				X	
322						SB-3 30'	1				X	
323						SB-3 40'	1				X	
324						SB-4 1'	1				X	
325						SB-4 3'	1				X	
326						SB-4 5'	1				X	
327						SB-4 7'	1				X	

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
												X				

RELINQUISHED BY: (Signature) Date: 5/26/10 Time: 1305
RECEIVED BY: (Signature) Date: Time:
SAMPLED BY: (Print & Initial) Kim Date: 5/26/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:

RECEIVING LABORATORY: TRACE
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: 5.29.10 TIME: 13:45

TETRA TECH CONTACT PERSON: Ike Tavarez
Results by:
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C
REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 100100111

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St. Mary
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-640 0419
PROJECT NAME: St. Mary / PDU #507 Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233328	5/26		S		X	SB-4 10'	1				X													X				
329						SB-4 15'	1				X													X				
330						SB-4 20'	1				X													X				
331						SB-4 30'	1				X													X				
332						SB-4 40'	1				X													X				
333						SB-5 1'	1				X													X				
334						SB-5 3'	1				X													X				
335						SD-5 5'	1				X													X				
336						SD-5 7'	1				X													X				
337						SB-5 10'	1				X													X				

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300
RECEIVED BY: (Signature) Date: Time:
SAMPLED BY: (Print & Initial) Kim Date: 5/26/10 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Ike Tavarez
Results by:

RECEIVING LABORATORY: TRACE
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: 5-29-10 TIME: 1300
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C
REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 100600111

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400419

PROJECT NAME: St. Mary / PDU #507 Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233338	5/26		S		X	SB-5 15'	1				X													X				
339						SB-5 20'	1				X													X				
340						SB-5 30'	1				X													X				
341	5/27					SB-6 1'	1				X													X				
342						SB-6 3'	1				X													X				
343						SB-6 5'	1				X													X				
344						SB-6 7'	1				X													X				
345						SB-6 10'	1				X													X				
346						SB-6 15'	1				X													X				
347						SB-6 20'	1				X													X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/27/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

RECEIVING LABORATORY: TRACE
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: 5.26.10 TIME: 1700

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order#: 10060111

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Mary

SITE MANAGER: Ike Tamarez

PROJECT NO.: 114-6400419

PROJECT NAME: St Mary / PDU #507 Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233348	5/27		S		X	SB-6 25'	1				X														X				
349						SB-6 30'	1				X														X				
350						SB-7 1'	1				X														X				
351						SB-7 3'	1				X														X				
352						SB-7 5'	1				X														X				
353						SB-7 7'	1				X														X				
354						SB-7 10'	1				X														X				
355						SB-7 15'	1				X														X				
356						SB-7 20'	1				X														X				
357						SB-7 25'	1				X														X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/27/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS

AIRBILL #:

OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

RECEIVING LABORATORY: TRACE

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: 5.28.10 TIME: 13:50

TETRA TECH CONTACT PERSON: Ike Tamarez

Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #: 100160111

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400419

PROJECT NAME: St Mary / PDU #507 Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233358	5/27		S		X	SB-7 30'	1				X														X				
359						SB-7 35'	1				X														X				
360						SB-7 40'	1				X														X				
361						SB-8 1'	1				X														X				
362						SB-8 3'	1				X														X				
363						SB-8 5'	1				X														X				
364						SB-8 7'	1				X														X				
365						SB-8 10'	1				X														X				
366						SB-8 15'	1				X														X				
367						SB-8 20'	1				X														X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/27/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS

AIRBILL #:

OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

RECEIVING LABORATORY: TRACE

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: 5.28.10 TIME: 1300

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Order #1006011

Analysis Request of Chain of Custody Record

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400419

PROJECT NAME: St Mary / PDU #507 Edd Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/808	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233368	5/27		S		X	SB-8 25'	1				X													X				
369						SB-8 30'	1				X													X				
370						SB-8 35'	1				X													X				
371						SB-8 40'	1				X													X				
372						SB-9 1'	1				X													X				
373						SB-9 3'	1				X													X				
374						SB-9 5'	1				X													X				
375						SB-9 7'	1				X													X				
376						SB-9 10'	1				X													X				
377						SB-9 15'	1				X													X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1360

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/27/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RECEIVING LABORATORY: TRACE

ADDRESS:

CITY: Midland STATE: TX ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature)

DATE: 5-28-10 TIME: 15:00

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6'c

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Trace #: 100611

Analysis Request of Chain of Custody Record

PAGE: 9 OF: 9

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: St Mary

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400419

PROJECT NAME: St Mary / PDU #507

Eddy Co., NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 8081/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
233378	5/27		S		X	SB-9 20'	1				X													X				
379	5/27		S		X	SB-9 25'	1				X													X				
380	5/27		S		X	SB-9 30'	1				X													X				
381	5/27		S		X	SB-9 35'	1				X													X				
382	5/27		S		X	SB-9 40'	1				X													X				

RELINQUISHED BY: (Signature) Date: 5/28/10 Time: 1300

RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Kim Date: 5/27/10 Time:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX HAND DELIVERED BUS UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time:

RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RECEIVING LABORATORY: TRACE
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: 5.28.10 TIME: 13:00

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.6°C.

REMARKS:

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.