SITE INFORMATION

Report Type: Closure

General Site Information:						
Site:	East Millman Unit #150					
Company:	Stephens and Johnson Operating Co.					
Section, Township and Range	Sec 15	T19S	R28E			
Lease Number:	API-30-015-02257					
County:	Eddy County					
GPS:	32.65456° N			104.15868° W		
Surface Owner:	State					
Mineral Owner:						
Directions:	From the intersection of Hwy 360 and Curry Comb Rd. (CR 235) travel west on Curry Comb Rd. (CR 235) for 13.8 miles, turn left onto CR-246 and travel for 1.8 miles, turn right onto CR-247 and travel 0.3 miles to Tank Battery, site is west of Tank Battery.					

Release Data:	
Date Released:	Unknown
Type Release:	Oil
Source of Contamination:	Vent Line
Fluid Released:	N/A
Fluids Recovered:	N/A

Official Communication:			
Name:	Mike Kincaid		Ike Tavarez
Company:	Stephens & Johnson Operating Co.		Tetra Tech
Address:			1910 N. Big Spring
P.O. Box	P.O. Box 2249		
City:	Wichita Falls, Tx 76307		Midland, Texas
Phone number:	(940) 723-2166		(432) 682-4559
Fax:			
Email:	mkincaid@sjoc.net		ike.tavarez@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

August 5, 2011

Mr. Mike Bratcher
Environmental Bureau
Oil Conservation Division, District 2
1301 W. Grand Ave.
Artesia, New Mexico 88210

RE: Closure Request for the Stephens and Johnson Operating Co., East Millman Unit #150, located in Unit Letter P, Section 15, Township 19 South, Range 28 East, Eddy County, New Mexico. (LOV #02-09-132)

Dear Mr. Bratcher:

Tetra Tech Inc. was contacted by Stephens and Johnson Operating Co. to assess and remediate a vent area located Unit Letter P, Section 15, Township 19 South, Range 28 East, Eddy County, New Mexico. The vent area is located west of the Millman Tank Battery. Periodically, the gas and oil from the tank battery was vented into an earthen pit measuring approximately 25' x 25'. Stephens and Johnson received a Letter of Violation (LOV), dated February 23, 2010, from the New Mexico Oil Conservation Division (NMOCD) addressing the vent area and impacted soils. The LOV and the initial C-141 are enclosed in Appendix A.

Tetra Tech submitted a work plan to assess impacted soils associated with the earthen pit, dated March 15, 2010. The work plan proposed the following:

1. Discontinue venting into the earthen pit.
2. Remove free fluids from the earthen pit.
3. The venting line will be connected to an above ground tank to contain any liquids during periodic venting.
4. Once the equipment and vent line are removed, the earthen pit will be scraped (1.0' to 2.0') to remove saturated soils, which would be hauled to proper disposal.

Tetra Tech
1910 North Big Spring, Midland,TX 79705
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

5. Once removed, Tetra Tech will supervise the installation of boreholes to assess the impacted soil.

Groundwater and Regulatory

A review of the New Mexico office of the State Engineer and the USGS database did show wells in Section 9, Township 19 South, Range 25 East with reported depths to water of 265' and 246', respectively. The groundwater depth map is enclosed in Appendix B.

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) 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. Based upon the risk based evaluation, the Site will be remediated to the proposed RRAL of 5,000 mg/kg.

Soil Assessment/Boreholes Installation

Stephens and Johnson have discontinued the used of the earthen pit. The vent line has been plumbed into an above ground tank to contain any liquids from periodic venting. In additional, the free liquids were removes and earthen pit the was excavated to remove the saturated soil, approximately 2.0 to 4.0" below surface. The excavated soil was transported to proper disposal. Once completed, Stephens and Johnson contacted Tetra Tech to evaluate the soils.

On May 6, 2010, Tetra Tech personnel were onsite to supervise the installation of boreholes using an air rotary rig. Soil samples were collected to evaluate the extent of subsurface impact at this site to total depth of 20.0' to 40.0' below surface. In addition, a background borehole was installed to evaluate the soil surrounding the area. Borehole (BH-1) was installed in the center of the vent pit to define the vertical extents and the remaining boreholes (BH-2, BH-3, BH-4 and BH-5) were installed around the perimeter of the pit to define the horizontal extents. The soil samples were placed into laboratory supplied containers and delivered to a laboratory under chain-of-custody control for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B and chloride by EPA method 300.0. The laboratory reports and chain of custody documentation are included in Appendix C. The borehole data is summarized in Table 1.

Referring to Table 1, none of the samples exceed the RRAL for TPH or BTEX. The chloride concentrations did show a slight impact the subsurface soils. Borehole (BH-1), installed in the center of the pit, showed chloride

concentrations <1,000 mg/kg, with a bottom hole concentration of 368 mg/kg at 20.0' below excavation bottom. The samples from BH-2 were all below 1,000 mg/kg, with bottom hole concentration of 507 mg/kg. Boreholes (BH-3, BH-4 and BH-5) did show chloride concentrations slightly above 1,000 mg/kg (1,260 mg/kg, 1,270 mg/kg and 1,130 mg/kg) at varying depths. The samples declined with depth, with bottom hole concentrations of <200 mg/kg at 20', 575 mg/kg at 20' and 460 mg/kg at 40', respectively.

The background borehole was installed to a depth of 60' below surface and showed chloride concentrations <200 in the majority of the samples, with a chloride high of 289 mg/kg at 30' below surface.

Remedial Activities

Based on the approved work plan, Tetra Tech personnel supervised the excavation of the site on July 20, 2011. The impacted soil around and bottom of the pit were excavated and hauled to CRI for disposal. The pit bottom was excavated to a depth of 4.0' below surface for the installation of the 40 mil liner. The excavation measured approximately 27' x 30'. Once completed, the excavation was backfilled with clean soil to grade. The excavation depth is highlighted in Table 1 and shown on Figure 4. A copy of the C-141 (Final) is included in Appendix A.

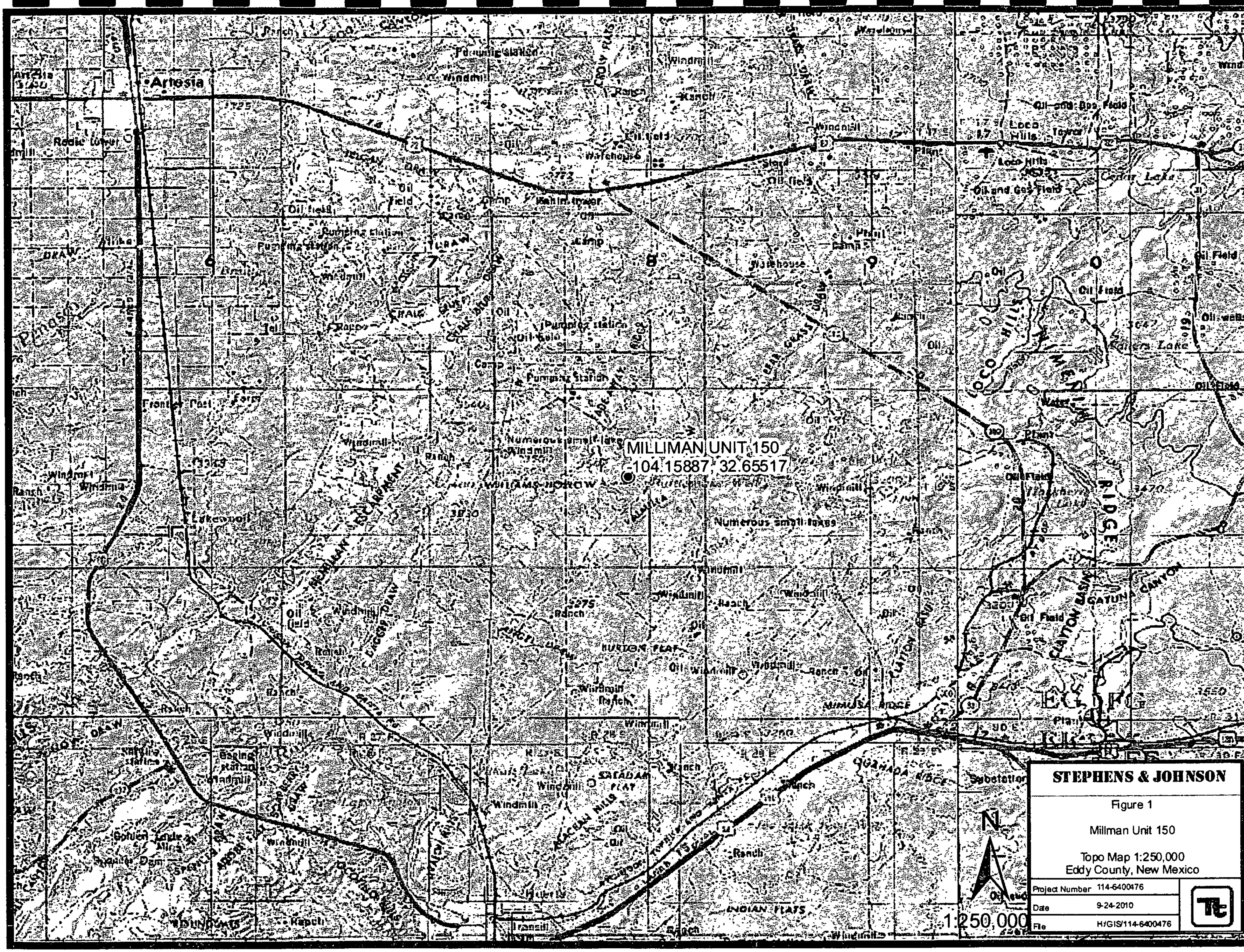
If you have any questions or comments concerning the assessment, please call me at (432) 682-4559.

TETRA TECH

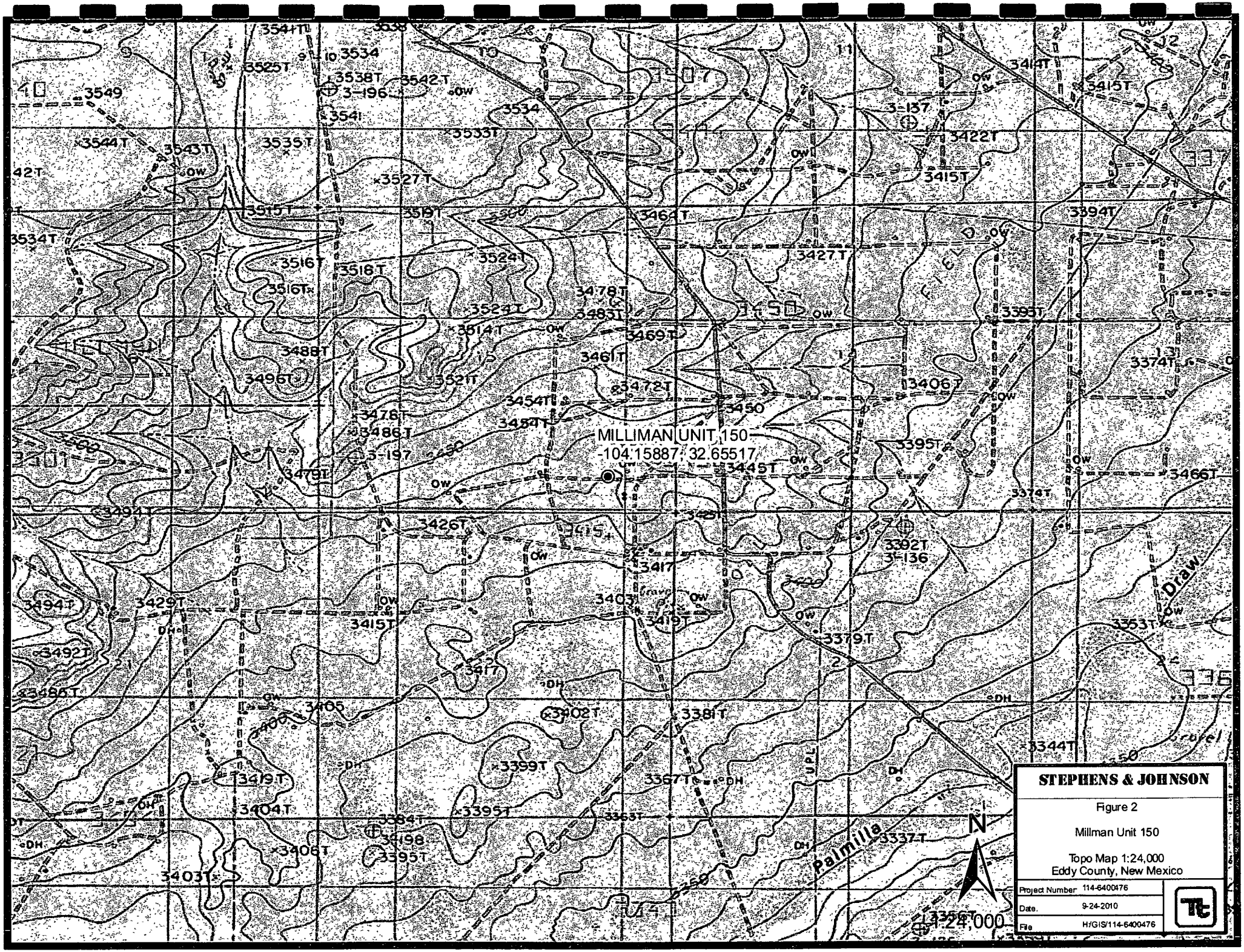
Ike Tavarez, P.G.
Project Manager/Senior Geologist

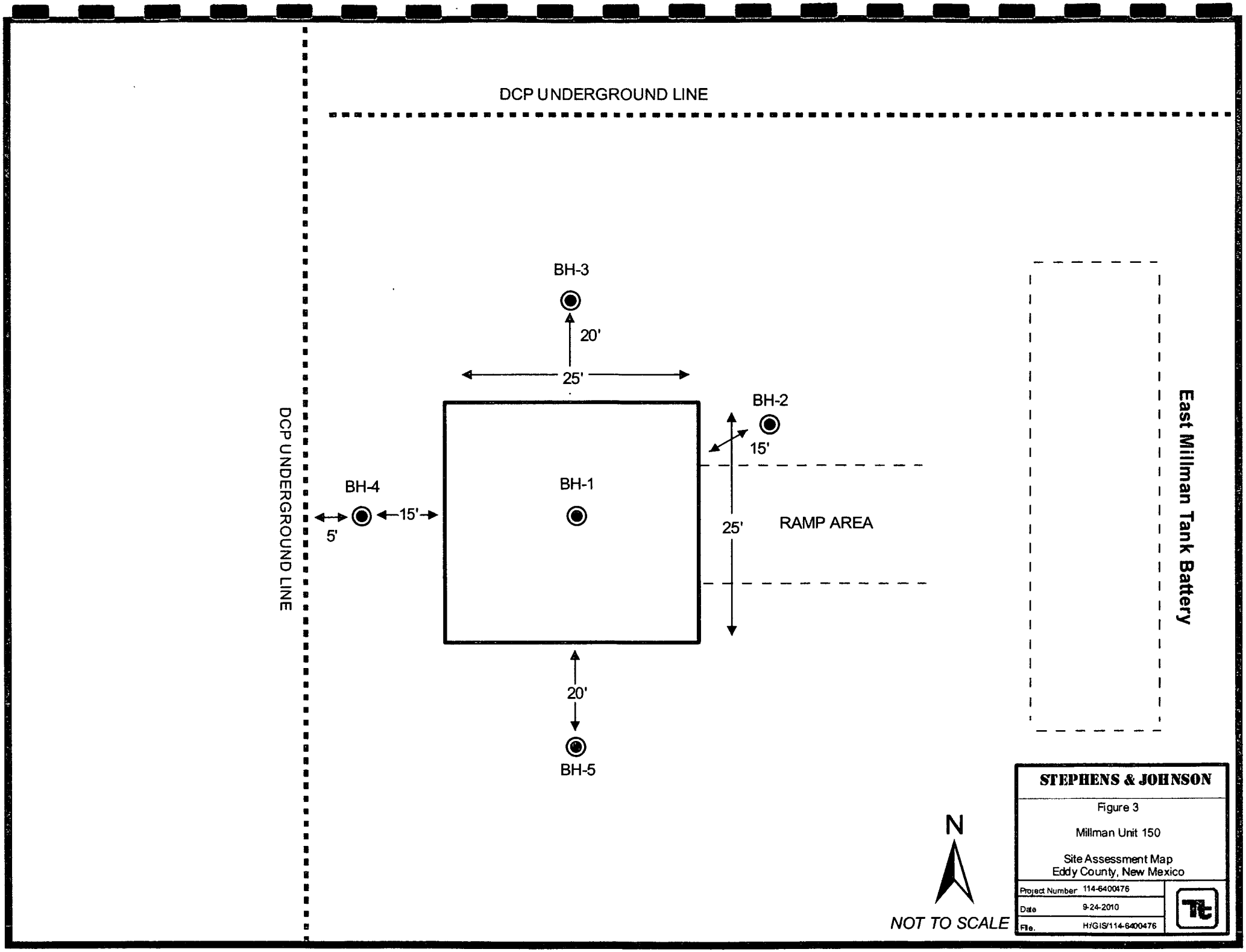
cc: Mike Kincaid - Stephens and Johnson

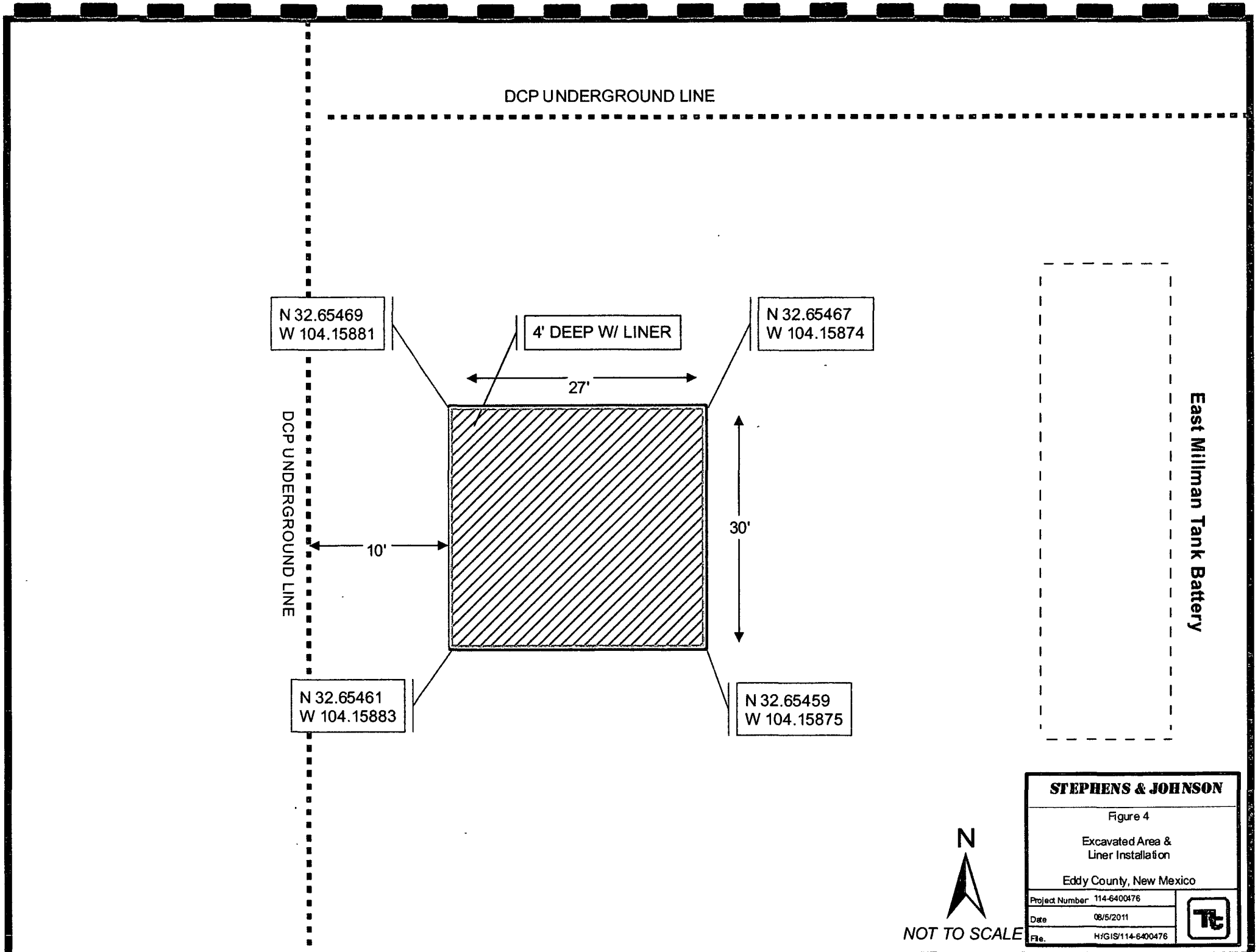
FIGURES



Artesia
Loco Hills
Lakewood
MILLIMAN UNIT 150
-104.15887, 32.65517
Numerous small lakes
1:250,000
N
STEPHENS & JOHNSON
Figure 1
Millman Unit 150
Topo Map 1:250,000
Eddy County, New Mexico
Project Number 114-6400476
Date 9-24-2010
File H/GIS/114-6400476


MILLIMAN UNIT 150
-104.15887 32.65517
Palmillo
Draw
N
1:24,000
STEPHENS & JOHNSON
Figure 2
Millman Unit 150
Topo Map 1:24,000
Eddy County, New Mexico
Project Number 114-6400476
Date. 9-24-2010
File H/GIS/114-6400476


DCP UNDERGROUND LINE
DCP UNDERGROUND LINE
BH-3
20'
25'
BH-2
15'
BH-4
15'
5'
BH-1
25'
RAMP AREA
20'
BH-5
East Millman Tank Battery
N
NOT TO SCALE
STEPHENS & JOHNSON
Figure 3
Millman Unit 150
Site Assessment Map
Eddy County, New Mexico
Project Number 114-6400476
Date 9-24-2010
File H:\GIS\114-6400476



STEPHENS & JOHNSON

Figure 4

Excavated Area &
Liner Installation

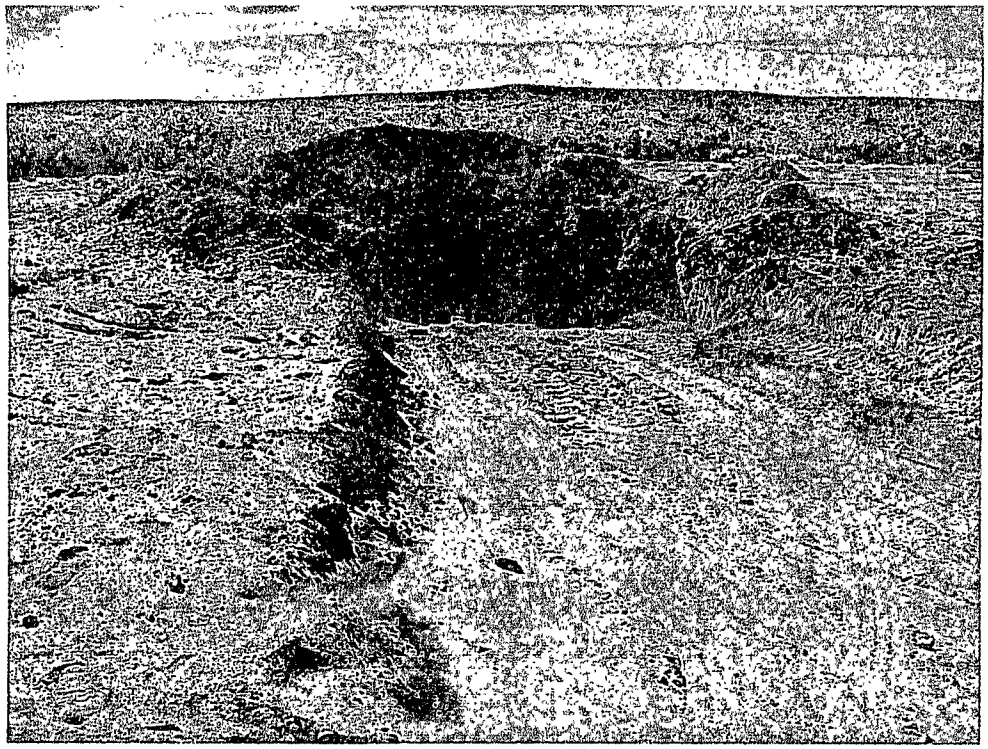
Eddy County, New Mexico

Project Number	114-6400476
Date	08/5/2011
File	H:/GIS/114-6400476

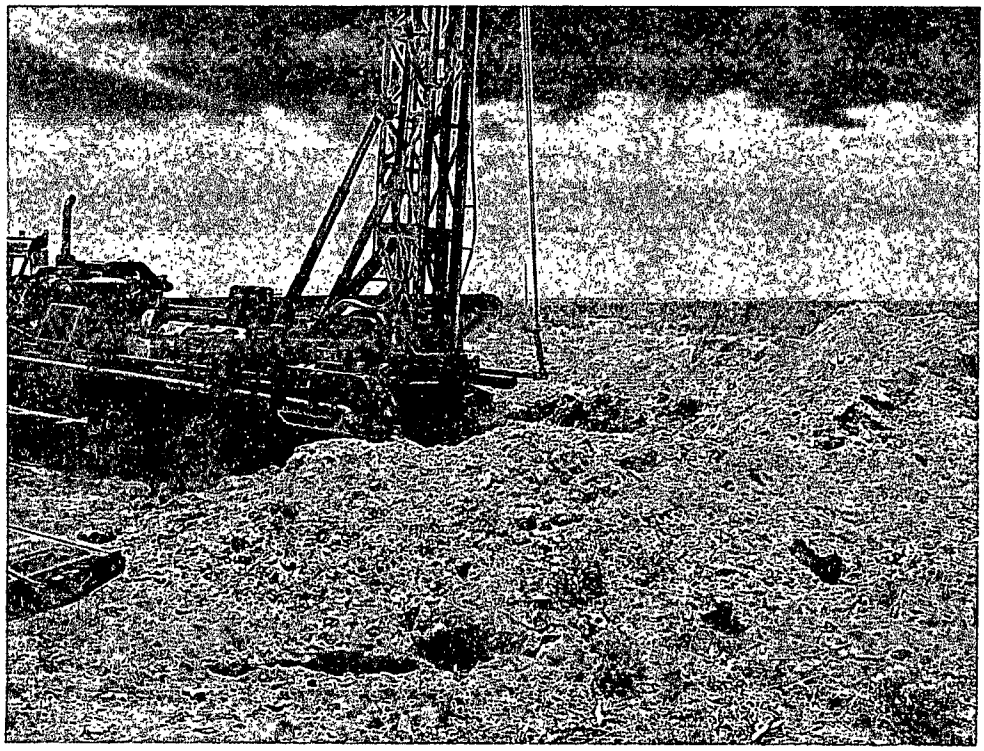
PHOTOGRAPHS

Stephens and Johnson - East Millman Unit

Eddy County, New Mexico

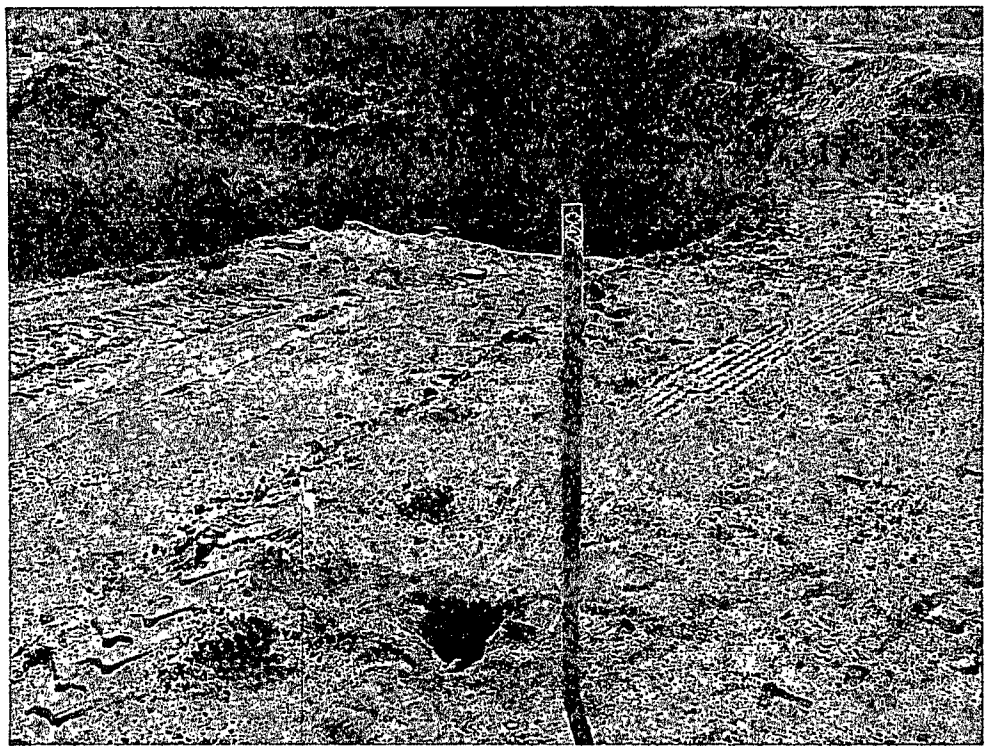


View of earthen pit area, after excavation

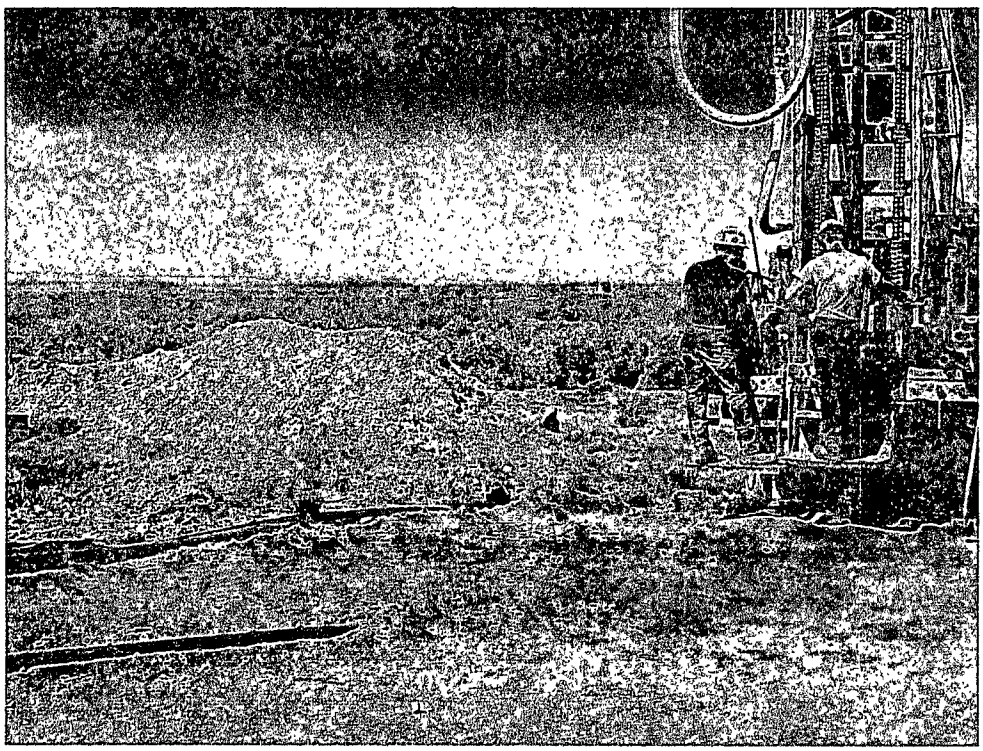


View of earthen pit area and BH-1

Stephens and Johnson - East Millman Unit
Eddy County, New Mexico

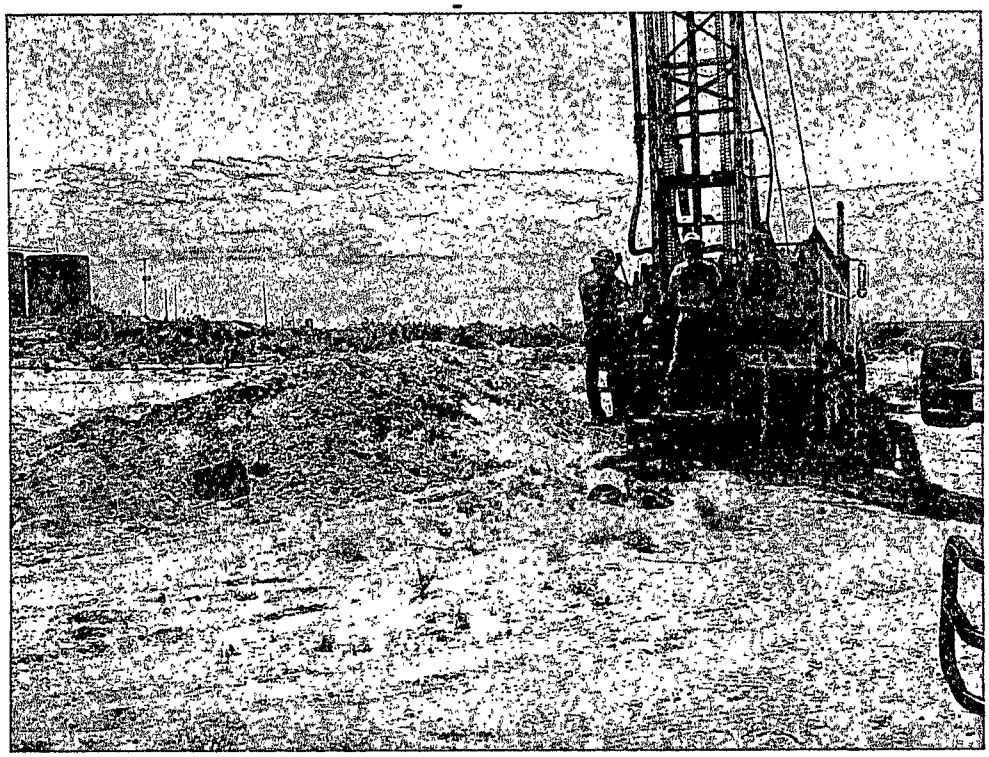


View of BH-2 Location

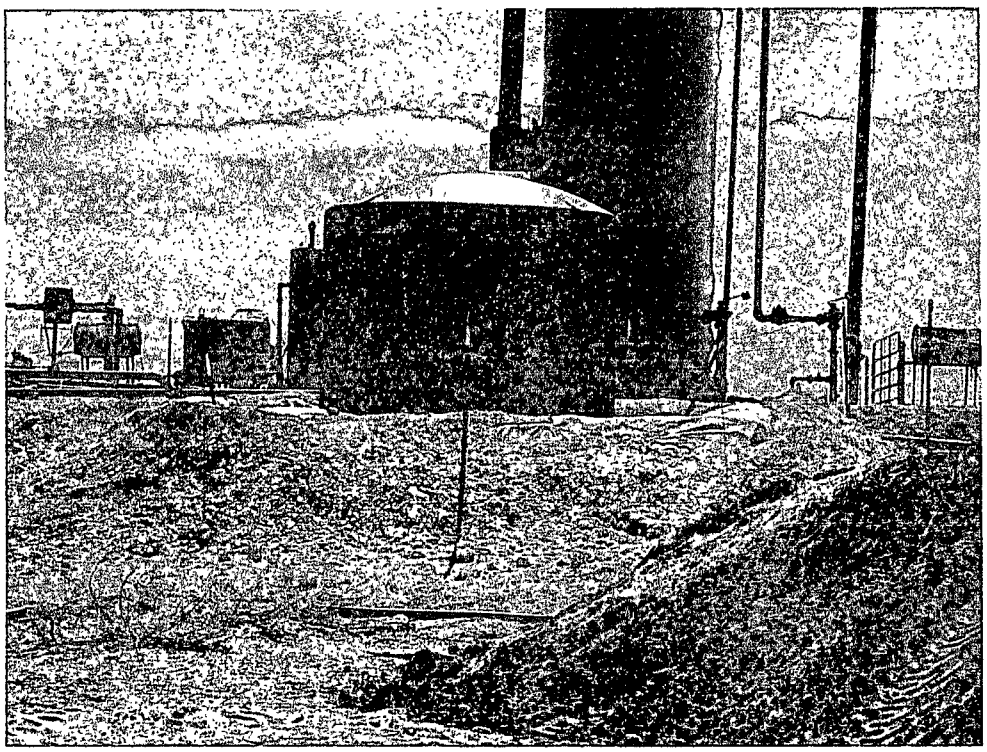


View of BH-3 Installation

Stephens and Johnson - East Millman Unit
Eddy County, New Mexico



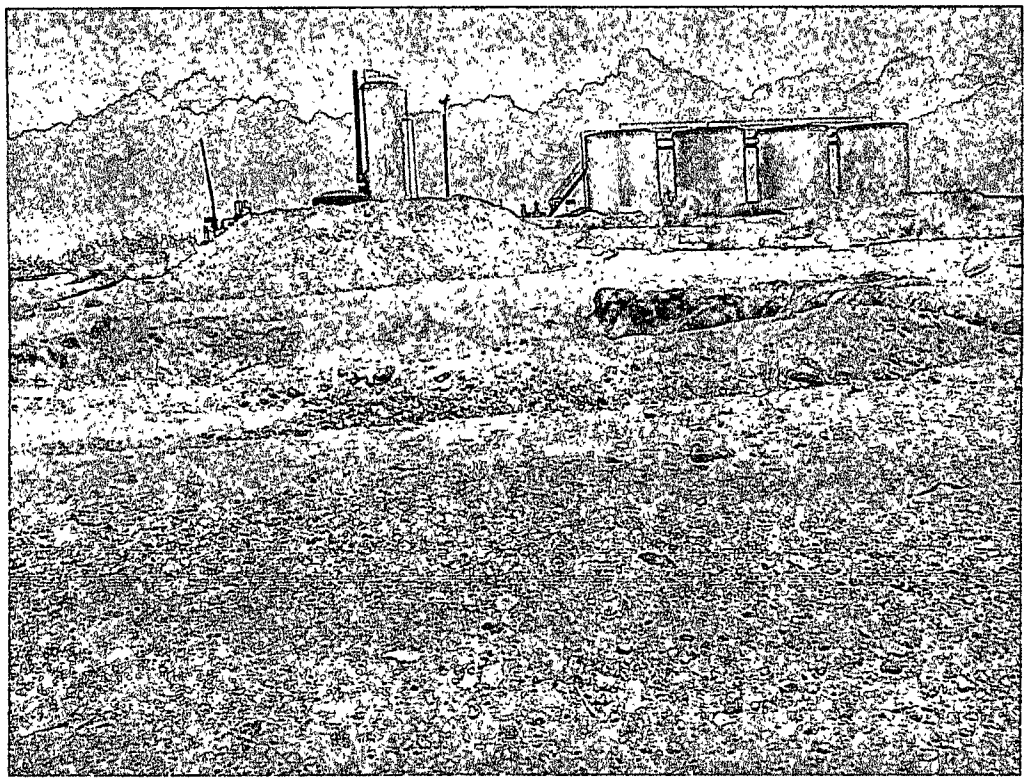
View of BH-4 Installation



View of new above tank installed for venting

Stephens & Johnson
East Millman Tank Battery
Eddy County, New Mexico

TETRA TECH

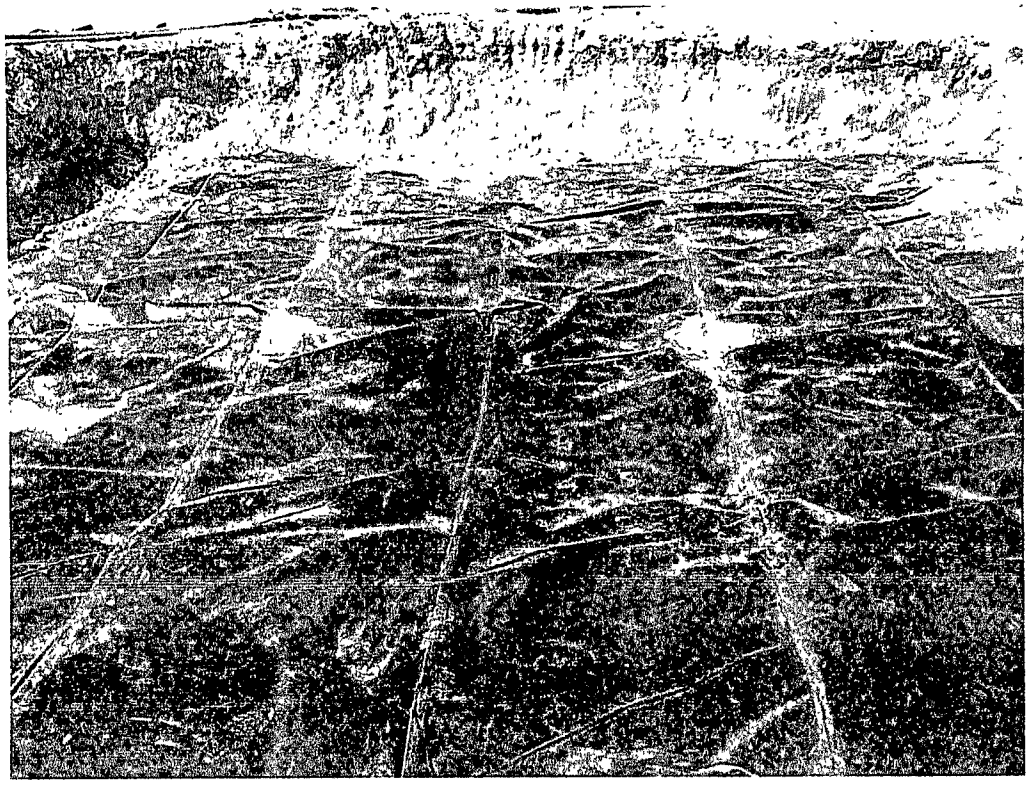


View East - Excavation

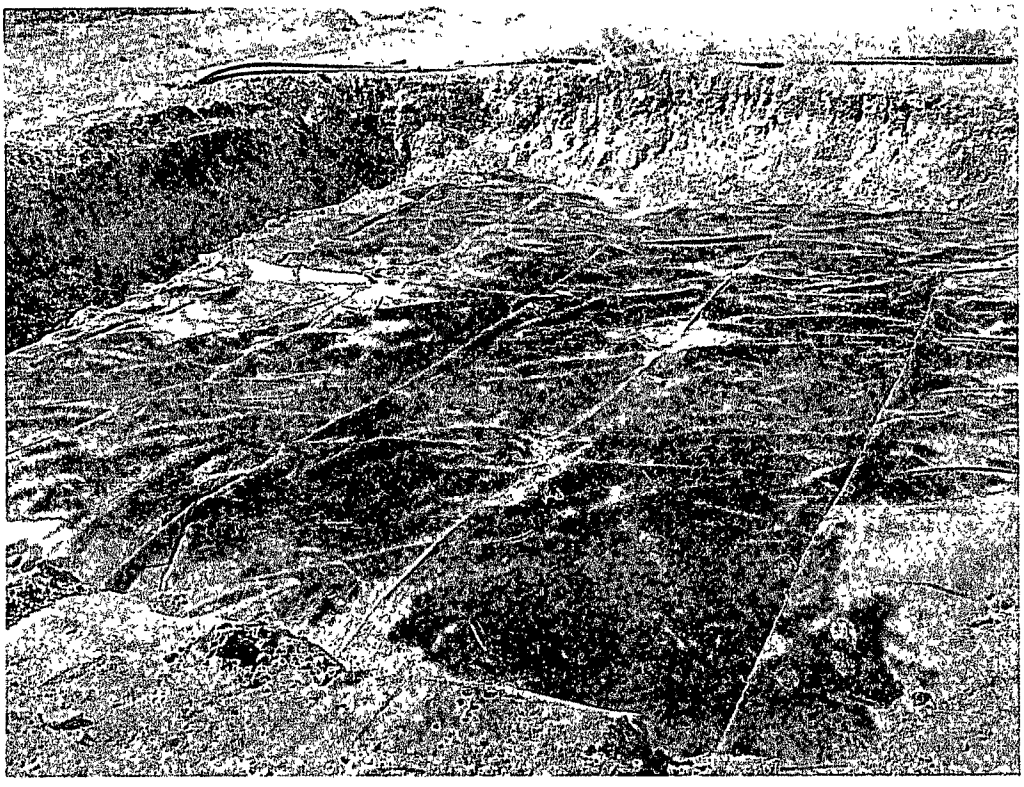
View East – Excavation side wall

Stephens & Johnson
East Millman Tank Battery
Eddy County, New Mexico

TETRA TECH



View North – 40 mil liner



View North West – 40 mil liner

TABLES

Table 1
STEPHENS & JOHNSON
EAST MILLMAN TANK BATTERY
EDDY COUNTY, NEW MEXICO

Sample	Date	Sample	Soil Status		TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Chloride
ID	Sampled	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BG-10'	5/5/2010	10'	X		-	-	-	-	-	-	-	<200
BG-20'	5/5/2010	20'	X		-	-	-	-	-	-	-	<200
BG-30'	5/5/2010	30'	X		-	-	-	-	-	-	-	289
BG-40'	5/5/2010	40'	X		-	-	-	-	-	-	-	<200
BG-50'	5/5/2010	50'	X		-	-	-	-	-	-	-	<200
BG-60'	5/5/2010	60'	X		-	-	-	-	-	-	-	<200
BH-1	5/5/2010	0-1'		X	1140	404	1544	0.816	1 35	1.16	3.49	<200
	5/5/2010	3-4'		X	-	-	-	-	-	-	-	246
	5/5/2010	7-8'	X		-	-	-	-	-	-	-	398
	5/5/2010	10-11'	X		-	-	-	-	-	-	-	355
	5/5/2010	15-16'	X		-	-	-	-	-	-	-	617
	5/5/2010	20-21'	X		-	-	-	-	-	-	-	368
BH-2	5/5/2010	0-1'	X		<1 00	177	177	<0.0100	<0.0100	<0 0100	<0 0100	779
	5/5/2010	3-4'	X		-	-	-	-	-	-	-	913
	5/5/2010	7-8'	X		-	-	-	-	-	-	-	435
	5/5/2010	10-11'	X		-	-	-	-	-	-	-	<200
	5/5/2010	15-16'	X		-	-	-	-	-	-	-	621
	5/5/2010	20-21'	X		-	-	-	-	-	-	-	507

(-) Not Analyzed
Excavated Depths
40 mil liner
BG Background

Table 1
STEPHENS & JOHNSON
EAST MILLMAN TANK BATTERY
EDDY COUNTY, NEW MEXICO

Sample	Date	Sample	Soil Status		TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Chloride
ID	Sampled	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH-3	5/6/2010	0-1'	X		<1 00	<50 00	<50 00	<0 0100	<0 0100	<0 0100	<0 0100	<200
	5/6/2010	3-4'	X		-	-	-	-	-	-	-	1,260
	5/6/2010	7-8'	X		-	-	-	-	-	-	-	971
	5/6/2010	10-11'	X		-	-	-	-	-	-	-	667
	5/6/2010	15-16'	X		-	-	-	-	-	-	-	<200
	5/6/2010	20-21'	X		-	-	-	-	-	-	-	<200
BH-4	5/6/2010	0-1'	X		<1.00	<50 00	<50.00	<0 0100	<0 0100	<0 0100	<0.0100	<200
	5/6/2010	3-4'	X		-	-	-	-	-	-	-	247
	5/6/2010	7-8'	X		-	-	-	-	-	-	-	918
	5/6/2010	10-11'	X		-	-	-	-	-	-	-	1,270
	5/6/2010	15-16'	X		-	-	-	-	-	-	-	628
	5/6/2010	20-21'	X		-	-	-	-	-	-	-	575
BH-5	5/6/2010	0-1'	X		<1 00	<50.00	<50 00	<0.0100	<0 0100	<0 0100	<0 0100	<200
	5/6/2010	3-4'	X		-	-	-	-	-	-	-	620
	5/6/2010	7-8'	X		-	-	-	-	-	-	-	421
	5/6/2010	10-11'	X		-	-	-	-	-	-	-	809
	5/6/2010	15-16'	X		-	-	-	-	-	-	-	644
	5/6/2010	20-21'	X		-	-	-	-	-	-	-	983

(-) Not Analyzed

Excavated Depths

40 mil liner

BG Background Borehole

APPENDIX A

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 Report

Name of Company Stephens & Johnson Operating Co.	Contact Mike Kincaid
Address P.O. Box 2249, Wichita Falls, Tx. 76307	Telephone No. (940) 723-2166
Facility Name East Millman Unit No. 150	Facility Type Tank Battery

Surface Owner State Land	Mineral Owner	Lease No. 30-015-02257

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	15	19S	28E					Eddy

Latitude 32.65456 **Longitude** 104.15868

NATURE OF RELEASE

Type of Release Oil	Volume of Release Unknown	Volume Recovered NA
Source of Release Vent line	Date and Hour of Occurrence NA	Date and Hour of Discovery NA
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

RECEIVED
SEP 22 2011
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

A vent line was located west of the East Millman Tank Battery, which periodically vented gas and small amounts oil into an earthen pit. Venting would occur due to vessel malfunction or emergencies. The pit contained free oil on top of rain water. The vent line has been connected to a holding tank to capture any fluids during periodic venting in the future.

Describe Area Affected and Cleanup Action Taken.*

The earthen pit measured approximately 25' x 25'. As per LOV No. 02-09-132 the rain water and free oil have been removed from the pit. A work plan will be completed to address the impacted 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: William M. Kincaid	OIL CONSERVATION DIVISION
Printed Name: William M. Kincaid	Approved by District Supervisor:
Title: Petroleum Engineer	Approval Date: / Expiration Date:
E-mail Address: mkincaid@sjoc.net	Conditions of Approval: / Attached ☐
Date: 03/15/2010 Phone: 940-723-2166	

* Attach Additional Sheets If Necessary

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jon Goldstein
Cabinet Secretary

Jim Noel
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

Response Required – Deadline Enclosed

Field Inspection
Program
"Preserving the Integrity of Our Environment"

23-Feb-10

LOV NO. 02-09-132

STEPHENS & JOHNSON OP CO
PO BOX 2249
WICHITA FALLS TX 76307

LETTER OF VIOLATION -

Dear Operator:
The following inspection(s) indicate that the well, equipment, location or operational status of the well(s) failed to meet standards of the New Mexico Oil Conservation Division as described in the detail section below. To comply with standards imposed by Rules and Regulations of the Division , corrective action must be taken immediately and the situation brought into compliance . The detail section indicates preliminary findings and/or probable nature of the violation. This determinations based on an inspection of your well or facility by an inspector employed by the Oil Conservation Division .

Please notify the proper district office ,in writing , of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and /or facility.

INSPECTION DETAIL SECTION

EAST MILLMAN UNIT No.150 P-15-19S-28E **30-015-02257-00-00**

Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
02/23/2010	Routine/Periodic	Tim Gum	Yes	No	3/23/2010	iTWG10054465

Comments on Inspection:

NOTE: large amount of free oil standing in earthen pit located west of battery.

Numerous violations of OCD rules as follows: 1.) Rule 19.15.2; General Operations/Waste prohibited, 2.) 19.15.18 ; Tanks, 3.) 19.15.29 ; Release Notification, 4.) 19.15.17 ; Pits, and 4.) 19.15.36; Netting requirements.

Corrective action to be taken 1.) All free oil to be removed from pit, 2.) Submit a form C-141 along with a remediation and closure plan to address the contaminated area and the closure o f the pit

Corrective action to be taken; oil removed immediately , form and plan by 3/23/10.

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Divison Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,

Gina D. Dean

Artesia OCD District Office

Note: Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data.
*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.

APPENDIX B

Water Well Data
Average Depth to Groundwater (ft)
Stephens and Johnson - Millman Tank Battery
Eddy County, New Mexico

18 South 27 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

18 South 28 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35 **65**	36

18 South 29 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

19 South 27 East

6	5 **20**	4	3	2	1
7	8 **50**	9	10	11	12
18	17	16 **18**	15	1482.4 **107.7**	13 **60.7**
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

19 South 28 East

6	5	4	3	2	1
7	8	9 **246** **265**	10	11	12
18 **91**	17	16	15 **SITE**	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

19 South 29 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13 **123** **101**
19	20 **62.9**	21	22	23	24
30	29	28	27	26	25
31	32	33	34 62' **60**	35 121 **110**	36 **115**

20 South 27 East

6	5 **50**	4	3	2	1
7 66	8	9	10	11	12
18	17	16	15	14 **66** **74**	13
19	20	21 **150**	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

20 South 28 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28 **30**	27 **35**	26	25
31 **115**	32	33 **25** **29**	34	35	36 **19**

20 South 29 East

6	5	4	3 **91**	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20 **62**	21	22	23	24
30 **52**	29	28	27	26	25
31	32	33	34	35	36

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90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)

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34 NMOCD - Groundwater Data

123 Field water level

143 NMOCD Groundwater map well location

APPENDIX C

Summary Report

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

Report Date. May 19, 2010

Work Order: 10051019

Project Location: Eddy County, NM
Project Name: Stephens & Johnson/East Millman TB
Project Number: 114-6400476

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
231048	BG-10'	soil	2010-05-05	00:00	2010-05-07
231049	BG-20'	soil	2010-05-05	00:00	2010-05-07
231050	BG-30'	soil	2010-05-05	00:00	2010-05-07
231051	BG-40'	soil	2010-05-05	00:00	2010-05-07
231052	BG-50'	soil	2010-05-05	00:00	2010-05-07
231053	BG-60'	soil	2010-05-05	00:00	2010-05-07
231054	BH-1 0-1'	soil	2010-05-05	00:00	2010-05-07
231055	BH-1 3-4'	soil	2010-05-05	00:00	2010-05-07
231056	BH-1 7-8'	soil	2010-05-05	00:00	2010-05-07
231057	BH-1 10-11'	soil	2010-05-05	00:00	2010-05-07
231058	BH-1 15-16'	soil	2010-05-05	00:00	2010-05-07
231059	BH-1 20-21'	soil	2010-05-05	00:00	2010-05-07
231067	BH-2 0-1'	soil	2010-05-05	00:00	2010-05-07
231068	BH-2 3-4'	soil	2010-05-05	00:00	2010-05-07
231069	BH-2 7-8'	soil	2010-05-05	00.00	2010-05-07
231070	BH-2 10-11'	soil	2010-05-05	00:00	2010-05-07
231071	BH-2 15-16'	soil	2010-05-05	00:00	2010-05-07
231072	BH-2 20-21'	soil	2010-05-05	00:00	2010-05-07
231076	BH-3 0-1'	soil	2010-05-06	00:00	2010-05-07
231077	BH-3 3-4'	soil	2010-05-06	00:00	2010-05-07
231078	BH-3 7-8'	soil	2010-05-06	00:00	2010-05-07
231079	BH-3 10-11'	soil	2010-05-06	00:00	2010-05-07
231080	BH-3 15-16'	soil	2010-05-06	00.00	2010-05-07
231081	BH-3 20-21'	soil	2010-05-06	00:00	2010-05-07
231084	BH-4 0-1'	soil	2010-05-06	00.00	2010-05-07
231085	BH-4 3-4'	soil	2010-05-06	00:00	2010-05-07
231086	BH-4 7-8'	soil	2010-05-06	00:00	2010-05-07
231087	BH-4 10-11'	soil	2010-05-06	00:00	2010-05-07
231088	BH-4 15-16'	soil	2010-05-06	00:00	2010-05-07
231089	BH-4 20-21'	soil	2010-05-06	00:00	2010-05-07

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
231095	BH-5 0-1'	soil	2010-05-06	00:00	2010-05-07
231096	BH-5 3-4'	soil	2010-05-06	00:00	2010-05-07
231097	BH-5 7-8'	soil	2010-05-06	00.00	2010-05-07
231098	BH-5 10-11'	soil	2010-05-06	00.00	2010-05-07
231099	BH-5 15-16'	soil	2010-05-06	00:00	2010-05-07
231100	BH-5 20-21'	soil	2010-05-06	00:00	2010-05-07

	BTEX				TPH DRO - NEW	TPH GRO
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
231054 - BH-1 0-1'	**0.816**	**1.35**	**1.16**	**3.49**	**404**	**1140**
231067 - BH-2 0-1'	<0.0100	<0 0100	<0 0100	<0.0100	**177**	<1.00
231076 - BH-3 0-1'	<0 0100	<0.0100	<0.0100	<0 0100	<50 0	<1.00
231084 - BH-4 0-1'	<0 0100	<0.0100	<0 0100	<0 0100	<50 0	<1.00
231095 - BH-5 0-1'	<0 0100	<0.0100	<0 0100	<0.0100	<50.0	<1 00

Sample: 231048 - BG-10'

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

Sample: 231049 - BG-20'

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

Sample: 231050 - BG-30'

Param	Flag	Result	Units	RL
Chloride		**289**	mg/Kg	4.00

Sample: 231051 - BG-40'

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

Sample: 231052 - BG-50'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4 00

Sample: 231053 - BG-60'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4 00

Sample: 231054 - BH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4 00

Sample: 231055 - BH-1 3-4'

Param	Flag	Result	Units	RL
Chloride		**246**	mg/Kg	4.00

Sample: 231056 - BH-1 7-8'

Param	Flag	Result	Units	RL
Chloride		**398**	mg/Kg	4.00

Sample: 231057 - BH-1 10-11'

Param	Flag	Result	Units	RL
Chloride		**355**	mg/Kg	4 00

Sample: 231058 - BH-1 15-16'

Param	Flag	Result	Units	RL
Chloride		**617**	mg/Kg	4.00

Sample: 231059 - BH-1 20-21'

Param	Flag	Result	Units	RL
Chloride		**368**	mg/Kg	4.00

Sample: 231067 - BH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		**779**	mg/Kg	4.00

Sample: 231068 - BH-2 3-4'

Param	Flag	Result	Units	RL
Chloride		**913**	mg/Kg	4.00

Sample: 231069 - BH-2 7-8'

Param	Flag	Result	Units	RL
Chloride		**435**	mg/Kg	4 00

Sample: 231070 - BH-2 10-11'

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

Sample: 231071 - BH-2 15-16'

Param	Flag	Result	Units	RL
Chloride		**621**	mg/Kg	4.00

Sample: 231072 - BH-2 20-21'

Param	Flag	Result	Units	RL
Chloride		**507**	mg/Kg	4.00

Sample: 231076 - BH-3 0-1'

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

Sample: 231077 - BH-3 3-4'

Param	Flag	Result	Units	RL
Chloride		**1260**	mg/Kg	4.00

Sample: 231078 - BH-3 7-8'

Param	Flag	Result	Units	RL
Chloride		**971**	mg/Kg	4.00

Sample: 231079 - BH-3 10-11'

Param	Flag	Result	Units	RL
Chloride		**667**	mg/Kg	4.00

Sample: 231080 - BH-3 15-16'

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

Sample: 231081 - BH-3 20-21'

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

Sample: 231084 - BH-4 0-1'

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

Sample: 231085 - BH-4 3-4'

Param	Flag	Result	Units	RL
Chloride		**247**	mg/Kg	4.00

Sample: 231086 - BH-4 7-8'

Param	Flag	Result	Units	RL
Chloride		**918**	mg/Kg	4.00

Sample: 231087 - BH-4 10-11'

Param	Flag	Result	Units	RL
Chloride		**1270**	mg/Kg	4.00

Sample: 231088 - BH-4 15-16'

Param	Flag	Result	Units	RL
Chloride		**628**	mg/Kg	4.00

Sample: 231089 - BH-4 20-21'

Param	Flag	Result	Units	RL
Chloride		**575**	mg/Kg	4.00

Sample: 231095 - BH-5 0-1'

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

Sample: 231096 - BH-5 3-4'

Param	Flag	Result	Units	RL
Chloride		**620**	mg/Kg	4.00

Sample: 231097 - BH-5 7-8'

Param	Flag	Result	Units	RL
Chloride		**421**	mg/Kg	4.00

Sample: 231098 - BH-5 10-11'

Param	Flag	Result	Units	RL
Chloride		**809**	mg/Kg	4.00

Sample: 231099 - BH-5 15-16'

Param	Flag	Result	Units	RL
Chloride		**644**	mg/Kg	4.00

Sample: 231100 - BH-5 20-21'

Param	Flag	Result	Units	RL
Chloride		**983**	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: May 19, 2010

Work Order. 10051019

Project Location. Eddy County, NM
Project Name. Stephens & Johnson/East Millman TB
Project Number. 114-6400476

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
231048	BG-10'	soil	2010-05-05	00:00	2010-05-07
231049	BG-20'	soil	2010-05-05	00:00	2010-05-07
231050	BG-30'	soil	2010-05-05	00:00	2010-05-07
231051	BG-40'	soil	2010-05-05	00.00	2010-05-07
231052	BG-50'	soil	2010-05-05	00:00	2010-05-07
231053	BG-60'	soil	2010-05-05	00:00	2010-05-07
231054	BH-1 0-1'	soil	2010-05-05	00:00	2010-05-07
231055	BH-1 3-4'	soil	2010-05-05	00:00	2010-05-07
231056	BH-1 7-8'	soil	2010-05-05	00:00	2010-05-07
231057	BH-1 10-11'	soil	2010-05-05	00:00	2010-05-07

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
231058	BH-1 15-16'	soil	2010-05-05	00:00	2010-05-07
231059	BH-1 20-21'	soil	2010-05-05	00:00	2010-05-07
231067	BH-2 0-1'	soil	2010-05-05	00.00	2010-05-07
231068	BH-2 3-4'	soil	2010-05-05	00.00	2010-05-07
231069	BH-2 7-8'	soil	2010-05-05	00:00	2010-05-07
231070	BH-2 10-11'	soil	2010-05-05	00:00	2010-05-07
231071	BH-2 15-16'	soil	2010-05-05	00:00	2010-05-07
231072	BH-2 20-21'	soil	2010-05-05	00 00	2010-05-07
231076	BH-3 0-1'	soil	2010-05-06	00:00	2010-05-07
231077	BH-3 3-4'	soil	2010-05-06	00:00	2010-05-07
231078	BH-3 7-8'	soil	2010-05-06	00:00	2010-05-07
231079	BH-3 10-11'	soil	2010-05-06	00:00	2010-05-07
231080	BH-3 15-16'	soil	2010-05-06	00:00	2010-05-07
231081	BH-3 20-21'	soil	2010-05-06	00:00	2010-05-07
231084	BH-4 0-1'	soil	2010-05-06	00:00	2010-05-07
231085	BH-4 3-4'	soil	2010-05-06	00:00	2010-05-07
231086	BH-4 7-8'	soil	2010-05-06	00:00	2010-05-07
231087	BH-4 10-11'	soil	2010-05-06	00.00	2010-05-07
231088	BH-4 15-16'	soil	2010-05-06	00.00	2010-05-07
231089	BH-4 20-21'	soil	2010-05-06	00:00	2010-05-07
231095	BH-5 0-1'	soil	2010-05-06	00:00	2010-05-07
231096	BH-5 3-4'	soil	2010-05-06	00:00	2010-05-07
231097	BH-5 7-8'	soil	2010-05-06	00:00	2010-05-07
231098	BH-5 10-11'	soil	2010-05-06	00.00	2010-05-07
231099	BH-5 15-16'	soil	2010-05-06	00:00	2010-05-07
231100	BH-5 20-21'	soil	2010-05-06	00:00	2010-05-07

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 Stephens & Johnson/East Millman TB were received by TraceAnalysis, Inc. on 2010-05-07 and assigned to work order 10051019 Samples for work order 10051019 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	59862	2010-05-11 at 09.20	69934	2010-05-11 at 12:08
Chloride (Titration)	SM 4500-Cl B	60018	2010-05-17 at 08:48	70112	2010-05-17 at 16:58
Chloride (Titration)	SM 4500-Cl B	60019	2010-05-17 at 08:49	70113	2010-05-17 at 16:58
Chloride (Titration)	SM 4500-Cl B	60020	2010-05-17 at 08:49	70152	2010-05-18 at 15:54
Chloride (Titration)	SM 4500-Cl B	60022	2010-05-17 at 12:50	70153	2010-05-18 at 16:01
TPH DRO - NEW	S 8015 D	59834	2010-05-11 at 10:00	69902	2010-05-11 at 10:00
TPH GRO	S 8015 D	59862	2010-05-11 at 09:20	69936	2010-05-11 at 12:36

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 10051019 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: 231048 - BG-10'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231049 - BG-20'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231050 - BG-30'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**289**	mg/Kg	50	4.00

Sample: 231051 - BG-40'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

continued ...

sample 231051 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

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

Sample: 231052 - BG-50'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch.	70112	Date Analyzed:	2010-05-17	Analyzed By.	AR
Prep Batch.	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231053 - BG-60'

Laboratory:	Midland				
Analysis	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch.	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231054 - BH-1 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method.	S 5035
QC Batch:	69934	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation.	2010-05-11	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.816**	mg/Kg	20	0.0100
Toluene		**1.35**	mg/Kg	20	0.0100
Ethylbenzene		**1.16**	mg/Kg	20	0.0100
Xylene		**3.49**	mg/Kg	20	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		19.6	mg/Kg	20	20 0	98	60 4 - 141 2
4-Bromofluorobenzene (4-BFB)		21.6	mg/Kg	20	20 0	108	43.1 - 158 4

Sample: 231054 - BH-1 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method.	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231054 - BH-1 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	S 8015 D	Prep Method:	N/A
QC Batch:	69902	Date Analyzed:	2010-05-11	Analyzed By.	kg
Prep Batch.	59834	Sample Preparation:	2010-05-11	Prepared By.	kg

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**404**		mg/Kg	1	50.0

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

Sample: 231054 - BH-1 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method.	S 8015 D	Prep Method:	S 5035
QC Batch.	69936	Date Analyzed:	2010-05-11	Analyzed By	AG
Prep Batch.	59862	Sample Preparation:	2010-05-11	Prepared By:	AG

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**1140**		mg/Kg	20	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		19.8	mg/Kg	20	20.0	99	50.3 - 155
4-Bromofluorobenzene (4-BFB)		24.6	mg/Kg	20	20.0	123	51.7 - 131.1

Sample: 231055 - BH-1 3-4'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**246**	mg/Kg	50	4.00

Sample: 231056 - BH-1 7-8'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**398**	mg/Kg	50	4.00

Sample: 231057 - BH-1 10-11'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70112	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60018	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**355**	mg/Kg	50	4.00

Sample: 231058 - BH-1 15-16'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By.	AR
Prep Batch:	60019	Sample Preparation·	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**617**	mg/Kg	50	4.00

Sample: 231059 - BH-1 20-21'

Laboratory:	Midland				
Analysis·	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch.	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**368**	mg/Kg	50	4.00

Sample: 231067 - BH-2 0-1'

Laboratory.	Midland				
Analysis:	BTEX	Analytical Method.	S 8021B	Prep Method	S 5035
QC Batch:	69934	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch.	59862	Sample Preparation:	2010-05-11	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	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.52	mg/Kg	1	2.00	76	43.1 - 158.4

Sample: 231067 - BH-2 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**779**		mg/Kg	50	4 00

Sample: 231067 - BH-2 0-1'

Laboratory	Midland				
Analysis:	TPH DRO - NEW	Analytical Method.	S 8015 D	Prep Method:	N/A
QC Batch:	69902	Date Analyzed:	2010-05-11	Analyzed By:	kg
Prep Batch	59834	Sample Preparation:	2010-05-11	Prepared By:	kg

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**177**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		124	mg/Kg	1	100	124	70 - 130

Sample: 231067 - BH-2 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015 D	Prep Method:	S 5035
QC Batch.	69936	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation:	2010-05-11	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 74	mg/Kg	1	2.00	87	50.3 - 155
4-Bromofluorobenzene (4-BFB)		1.72	mg/Kg	1	2.00	86	51 7 - 131 1

Sample: 231068 - BH-2 3-4'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**913**	mg/Kg	50	4.00

Sample: 231069 - BH-2 7-8'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**435**	mg/Kg	50	4.00

Sample: 231070 - BH-2 10-11'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231071 - BH-2 15-16'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch	70113	Date Analyzed	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**621**	mg/Kg	50	4.00

Sample: 231072 - BH-2 20-21'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**507**		mg/Kg	50	4.00

Sample: 231076 - BH-3 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method.	S 8021B	Prep Method:	S 5035
QC Batch:	69934	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation:	2010-05-11	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
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 23	mg/Kg	1	2.00	62	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	2.00	54	43.1 - 158.4

Sample: 231076 - BH-3 0-1'

Laboratory	Midland				
Analysis:	Chloride (Titration)	Analytical Method.	SM 4500-Cl B	Prep Method.	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By.	AR

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

Sample: 231076 - BH-3 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	S 8015 D	Prep Method:	N/A
QC Batch:	69902	Date Analyzed:	2010-05-11	Analyzed By:	kg
Prep Batch:	59834	Sample Preparation:	2010-05-11	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		88.9	mg/Kg	1	100	89	70 - 130

Sample: 231076 - BH-3 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015 D	Prep Method:	S 5035
QC Batch:	69936	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation:	2010-05-11	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)		1.23	mg/Kg	1	2.00	62	50.3 - 155
4-Bromofluorobenzene (4-BFB)		1.22	mg/Kg	1	2.00	61	51.7 - 131 1

Sample: 231077 - BH-3 3-4'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70113	Date Analyzed:	2010-05-17	Analyzed By:	AR
Prep Batch:	60019	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1260**		mg/Kg	50	4.00

Sample: 231078 - BH-3 7-8'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**971**	mg/Kg	50	4.00

Sample: 231079 - BH-3 10-11'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**667**	mg/Kg	50	4.00

Sample: 231080 - BH-3 15-16'

Laboratory	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231081 - BH-3 20-21'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

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

Sample: 231084 - BH-4 0-1'

Laboratory.	Midland				
Analysis:	BTEX	Analytical Method.	S 8021B	Prep Method:	S 5035
QC Batch:	69934	Date Analyzed.	2010-05-11	Analyzed By	AG
Prep Batch.	59862	Sample Preparation.	2010-05-11	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
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)		1.31	mg/Kg	1	2.00	66	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)		0.914	mg/Kg	1	2.00	46	43.1 - 158.4

Sample: 231084 - BH-4 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method.	N/A
QC Batch.	70152	Date Analyzed.	2010-05-18	Analyzed By.	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By.	AR

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

Sample: 231084 - BH-4 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	S 8015 D	Prep Method.	N/A
QC Batch.	69902	Date Analyzed:	2010-05-11	Analyzed By:	kg
Prep Batch:	59834	Sample Preparation:	2010-05-11	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		89.7	mg/Kg	1	100	90	70 - 130

Sample: 231084 - BH-4 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015 D	Prep Method:	S 5035
QC Batch	69936	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch	59862	Sample Preparation:	2010-05-11	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)		1.37	mg/Kg	1	2.00	68	50.3 - 155
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	2.00	54	51.7 - 131 1

Sample: 231085 - BH-4 3-4'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**247**	mg/Kg	50	4 00

Sample: 231086 - BH-4 7-8'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**918**	mg/Kg	50	4.00

Sample: 231087 - BH-4 10-11'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1270**	mg/Kg	50	4.00

Sample: 231088 - BH-4 15-16'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**628**	mg/Kg	50	4.00

Sample: 231089 - BH-4 20-21'

Laboratory:	Midland				
Analysis	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70152	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60020	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**575**	mg/Kg	50	4.00

Sample: 231095 - BH-5 0-1'

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	69934	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation:	2010-05-11	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	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)		1.84	mg/Kg	1	2.00	92	43.1 - 158.4

Sample: 231095 - BH-5 0-1'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method.	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70153	Date Analyzed	2010-05-18	Analyzed By:	AR
Prep Batch.	60022	Sample Preparation:	2010-05-17	Prepared By.	AR

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

Sample: 231095 - BH-5 0-1'

Laboratory:	Midland				
Analysis:	TPH DRO - NEW	Analytical Method:	S 8015 D	Prep Method.	N/A
QC Batch	69902	Date Analyzed:	2010-05-11	Analyzed By:	kg
Prep Batch:	59834	Sample Preparation:	2010-05-11	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		88.1	mg/Kg	1	100	88	70 - 130

Sample: 231095 - BH-5 0-1'

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015 D	Prep Method:	S 5035
QC Batch.	69936	Date Analyzed:	2010-05-11	Analyzed By:	AG
Prep Batch:	59862	Sample Preparation:	2010-05-11	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)		2.08	mg/Kg	1	2.00	104	50.3 - 155
4-Bromofluorobenzene (4-BFB)		2.06	mg/Kg	1	2 00	103	51 7 - 131.1

Sample: 231096 - BH-5 3-4'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70153	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch	60022	Sample Preparation	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**620**	mg/Kg	50	4.00

Sample: 231097 - BH-5 7-8'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method.	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70153	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60022	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**421**	mg/Kg	50	4.00

Sample: 231098 - BH-5 10-11'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch.	70153	Date Analyzed.	2010-05-18	Analyzed By:	AR
Prep Batch:	60022	Sample Preparation:	2010-05-17	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**809**	mg/Kg	50	4.00

Sample: 231099 - BH-5 15-16'

Laboratory.	Midland				
Analysis:	Chloride (Titration)	Analytical Method.	SM 4500-Cl B	Prep Method:	N/A
QC Batch	70153	Date Analyzed:	2010-05-18	Analyzed By:	AR
Prep Batch:	60022	Sample Preparation:	2010-05-17	Prepared By.	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**644**	mg/Kg	50	4.00

Sample: 231100 - BH-5 20-21'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch	70153	Date Analyzed	2010-05-18	Analyzed By	AR
Prep Batch.	60022	Sample Preparation	2010-05-17	Prepared By.	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**983**	mg/Kg	50	4.00

Method Blank (1) QC Batch: 69902

QC Batch:	69902	Date Analyzed:	2010-05-11	Analyzed By:	kg
Prep Batch:	59834	QC Preparation:	2010-05-11	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		78.8	mg/Kg	1	100	79	70 - 130

Method Blank (1) QC Batch: 69934

QC Batch.	69934	Date Analyzed:	2010-05-11	Analyzed By.	AG
Prep Batch:	59862	QC Preparation:	2010-05-11	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)		2.01	mg/Kg	1	2.00	100	64 9 - 142.7
4-Bromofluorobenzene (4-BFB)		1 56	mg/Kg	1	2 00	78	43.9 - 141.9

Method Blank (1) QC Batch. 69936

QC Batch: 69936 | Date Analyzed: 2010-05-11 | Analyzed By: AG
Prep Batch. 59862 | QC Preparation· 2010-05-11 | 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)		2.00	mg/Kg	1	2.00	100	66 2 - 145
4-Bromofluorobenzene (4-BFB)		1.74	mg/Kg	1	2.00	87	62 - 120.5

Method Blank (1) QC Batch: 70112

QC Batch: 70112 | Date Analyzed: 2010-05-17 | Analyzed By. AR
Prep Batch· 60018 | QC Preparation: 2010-05-17 | Prepared By: AR

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

Method Blank (1) QC Batch: 70113

QC Batch: 70113 | Date Analyzed. 2010-05-17 | Analyzed By. AR
Prep Batch: 60019 | QC Preparation: 2010-05-17 | Prepared By: AR

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

Method Blank (1) QC Batch: 70152

QC Batch: 70152 | Date Analyzed: 2010-05-18 | Analyzed By AR
Prep Batch: 60020 | QC Preparation. 2010-05-17 | Prepared By: AR

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

Method Blank (1) QC Batch: 70153

QC Batch: 70153 | Date Analyzed: 2010-05-18 | Analyzed By: AR
Prep Batch: 60022 | QC Preparation: 2010-05-17 | Prepared By: AR

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

Laboratory Control Spike (LCS-1)

QC Batch: 69902 | Date Analyzed: 2010-05-11 | Analyzed By: kg
Prep Batch: 59834 | QC Preparation: 2010-05-11 | Prepared By: kg

Param	LCS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	255	mg/Kg	1	250	<5.86	102	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	266	mg/Kg	1	250	<5.86	106	57.4 - 133 4	4	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	85.4	88.7	mg/Kg	1	100	85	89	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 69934 | Date Analyzed: 2010-05-11 | Analyzed By: AG
Prep Batch: 59862 | QC Preparation: 2010-05-11 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec Limit
Benzene	1.98	mg/Kg	1	2.00	<0 00410	99	75.4 - 115.7
Toluene	1.97	mg/Kg	1	2.00	<0 00310	98	78.4 - 113.6
Ethylbenzene	1.90	mg/Kg	1	2.00	<0.00240	95	76 - 114.2
Xylene	5 70	mg/Kg	1	6.00	<0.00650	95	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	1.94	mg/Kg	1	2.00	<0.00410	97	75.4 - 115.7	2	20

continued ...

control spikes continued . .

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Toluene	1 93	mg/Kg	1	2.00	<0.00310	96	78 4 - 113.6	2	20
Ethylbenzene	1 88	mg/Kg	1	2.00	<0 00240	94	76 - 114 2	1	20
Xylene	5.63	mg/Kg	1	6 00	<0.00650	94	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)	2.00	1.86	mg/Kg	1	2.00	100	93	65 - 142 9
4-Bromofluorobenzene (4-BFB)	1 88	1 75	mg/Kg	1	2.00	94	88	43.8 - 144.9

Laboratory Control Spike (LCS-1)

QC Batch: 69936 | Date Analyzed: 2010-05-11 | Analyzed By. AG
Prep Batch: 59862 | QC Preparation: 2010-05-11 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	15.2	mg/Kg	1	20.0	<0.396	76	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	15.8	mg/Kg	1	20.0	<0.396	79	52 5 - 114 3	4	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)	2.03	1.80	mg/Kg	1	2.00	102	90	66.2 - 148 7
4-Bromofluorobenzene (4-BFB)	2.00	1.78	mg/Kg	1	2.00	100	89	64 1 - 127.4

Laboratory Control Spike (LCS-1)

QC Batch: 70112 | Date Analyzed: 2010-05-17 | Analyzed By: AR
Prep Batch: 60018 | QC Preparation: 2010-05-17 | 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	99.7	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: 70113 | Date Analyzed: 2010-05-17 | Analyzed By: AR
Prep Batch 60019 | QC Preparation: 2010-05-17 | 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	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: 70152 | Date Analyzed: 2010-05-18 | Analyzed By: AR
Prep Batch: 60020 | QC Preparation: 2010-05-17 | Prepared By: AR

Param	LCS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	99.2	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: 70153 | Date Analyzed: 2010-05-18 | Analyzed By: AR
Prep Batch: 60022 | QC Preparation: 2010-05-17 | Prepared By: AR

continued ...

control spikes continued ...

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	99.3	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	102	mg/Kg	1	100	<2.18	102	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: 231095

QC Batch: 69902 | Date Analyzed: 2010-05-11 | Analyzed By: kg
Prep Batch: 59834 | QC Preparation: 2010-05-11 | Prepared By: kg

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	203	mg/Kg	1	250	7.29	78	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	210	mg/Kg	1	250	7.29	81	35.2 - 167.1	3	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	82.8	83.2	mg/Kg	1	100	83	83	70 - 130

Matrix Spike (MS-1) Spiked Sample: 231095

QC Batch: 69934 | Date Analyzed: 2010-05-11 | Analyzed By: AG
Prep Batch: 59862 | QC Preparation: 2010-05-11 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.01	mg/Kg	1	2.00	<0.00410	100	57.7 - 140.7
Toluene	2.04	mg/Kg	1	2.00	<0.00310	102	53.4 - 146.6
Ethylbenzene	2.01	mg/Kg	1	2.00	<0.00240	100	62.1 - 141.6
Xylene	6.07	mg/Kg	1	6.00	<0.00650	101	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	2.27	mg/Kg	1	2.00	<0.00410	114	57.7 - 140.7	12	20
Toluene	2.30	mg/Kg	1	2.00	<0.00310	115	53.4 - 146.6	12	20
Ethylbenzene	2.27	mg/Kg	1	2.00	<0.00240	114	62.1 - 141.6	12	20
Xylene	6.82	mg/Kg	1	6.00	<0.00650	114	61.2 - 142.7	12	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)	1.53	1.44	mg/Kg	1	2	76	72	61.7 - 139.6
4-Bromofluorobenzene (4-BFB)	1.44	1.34	mg/Kg	1	2	72	67	49.6 - 146.7

Matrix Spike (MS-1) Spiked Sample: 230972

QC Batch: 69936 | Date Analyzed: 2010-05-11 | Analyzed By: AG
Prep Batch: 59862 | QC Preparation: 2010-05-11 | Prepared By: AG

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	28.6	mg/Kg	1	20.0	8.37	101	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 [1]	22.9	mg/Kg	1	20.0	8.37	114	10 - 198.3	22	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)	1.87	1.56	mg/Kg	1	2	94	78	65.5 - 143
4-Bromofluorobenzene (4-BFB)	2.18	1.68	mg/Kg	1	2	109	84	58.6 - 140

Matrix Spike (MS-1) Spiked Sample: 231057

QC Batch: 70112 | Date Analyzed: 2010-05-17 | Analyzed By: AR
Prep Batch: 60018 | QC Preparation: 2010-05-17 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec. Limit
Chloride	10200	mg/Kg	100	10000	355	98	85 - 115

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

[1] MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control

Param	MSD Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	10400	mg/Kg	100	10000	355	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: 231077

QC Batch: 70113 | Date Analyzed: 2010-05-17 | Analyzed By: AR
Prep Batch: 60019 | QC Preparation: 2010-05-17 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	11300	mg/Kg	100	10000	1260	100	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	11400	mg/Kg	100	10000	1260	101	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: 231089

QC Batch: 70152 | Date Analyzed: 2010-05-18 | Analyzed By: AR
Prep Batch: 60020 | QC Preparation: 2010-05-17 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10800	mg/Kg	100	10000	575	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	11000	mg/Kg	100	10000	575	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: 231283

QC Batch: 70153 | Date Analyzed: 2010-05-18 | Analyzed By: AR
Prep Batch: 60022 | QC Preparation: 2010-05-17 | Prepared By: AR

continued ...

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12800	mg/Kg	100	10000	2750	100	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	12900	mg/Kg	100	10000	2750	102	85 - 115	1	20

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

Standard (CCV-1)

QC Batch: 69902 Date Analyzed. 2010-05-11 Analyzed By. kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	259	104	80 - 120	2010-05-11

Standard (CCV-2)

QC Batch 69902 Date Analyzed: 2010-05-11 Analyzed By. kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	222	89	80 - 120	2010-05-11

Standard (CCV-3)

QC Batch: 69902 Date Analyzed· 2010-05-11 Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	219	88	80 - 120	2010-05-11

Standard (CCV-1)

QC Batch: 69934 Date Analyzed: 2010-05-11 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	0.0941	94	80 - 120	2010-05-11
Toluene		mg/Kg	0 100	0 0913	91	80 - 120	2010-05-11
Ethylbenzene		mg/Kg	0 100	0.0833	83	80 - 120	2010-05-11
Xylene		mg/Kg	0.300	0 251	84	80 - 120	2010-05-11

Standard (CCV-2)

QC Batch: 69934 Date Analyzed: 2010-05-11 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	0.0983	98	80 - 120	2010-05-11
Toluene		mg/Kg	0.100	0.0967	97	80 - 120	2010-05-11
Ethylbenzene		mg/Kg	0.100	0.0915	92	80 - 120	2010-05-11
Xylene		mg/Kg	0.300	0.276	92	80 - 120	2010-05-11

Standard (CCV-1)

QC Batch: 69936 Date Analyzed 2010-05-11 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	2010-05-11

Standard (CCV-2)

QC Batch: 69936 Date Analyzed: 2010-05-11 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	0.922	92	80 - 120	2010-05-11

Standard (ICV-1)

QC Batch 70112 Date Analyzed. 2010-05-17 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 4	99	85 - 115	2010-05-17

Standard (CCV-1)

QC Batch: 70112 Date Analyzed: 2010-05-17 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	2010-05-17

Standard (ICV-1)

QC Batch: 70113 Date Analyzed. 2010-05-17 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	2010-05-17

Standard (CCV-1)

QC Batch. 70113 Date Analyzed: 2010-05-17 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 6	99	85 - 115	2010-05-17

Standard (ICV-1)

QC Batch. 70152 Date Analyzed. 2010-05-18 Analyzed By. AR

Param	Flag	Units	ICVs True Conc	ICVs Found Conc	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.6	99	85 - 115	2010-05-18

Standard (CCV-1)

QC Batch: 70152 Date Analyzed: 2010-05-18 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	2010-05-18

Standard (ICV-1)

QC Batch: 70153 Date Analyzed: 2010-05-18 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2010-05-18

Standard (CCV-1)

QC Batch: 70153 Date Analyzed: 2010-05-18 Analyzed By: AR

Param	Flag	Units	CCVs True Conc	CCVs Found Conc	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.4	98	85 - 115	2010-05-18

Order #. 10051019

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 8

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

CLIENT NAME: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-L400476

PROJECT NAME: Stephens & Johnson / East Millman TB
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
B1048	5/5		S		X	BG 10'	1				X													X				
049						BG 20'																						
050						BG 30																						
051						BG 40'																						
052						BG 50'																						
053						BG 60'																						
054						BH-1 0-1'							X	X										X				
055						BH-1 3-4'																						
056						BH-1 7'-8'																						
057						BH-1 10'-11'																						

RELINQUISHED BY: (Signature) Date: 5/7/10 Time: 1200
RECEIVED BY: (Signature) Date: 5/7/10 Time: 17:00
SAMPLED BY: (Print & Initial) Date: 5/6/10 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: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples. If Benzen exceeds 10 mg/kg run deeper samples. If BTEX exceeds 50 mg/kg run deeper samples. Y/L

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 # 1009019

Analysis Request of Chain of Custody Record

PAGE: 2 OF: 8

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

CLIENT NAME: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-410047G

PROJECT NAME: Stephens & Johnson / East Millman TB
Eddy Co. NM

ANALYSIS REQUEST
(Circle or Specify Method No.)

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
231058	5/5		S		X	BH-1 15'-16'	—				X																			
059						BH-1 20'-21'																									
060						BH-1 25'-26'																									
061						BH-1 30'-31'																									
062						BH-1 40'-41'																									
063						BH-1 50'-51'																									
064						BH-1 60'-61'																									
065						BH-1 70'-71'																									
066						BH-1 80-81'																									
067						BH-2 0-1'							X	X												X					

RELINQUISHED BY: (Signature) — Date: 5/10 Time: 1700 — RECEIVED BY: (Signature) — Date: 5/7/10 Time: 1700 — SAMPLED BY: (Print & Initial) IT — Date: 5/6/10 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 — RECEIVED BY. (Signature)
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: PHONE: DATE: TIME:

TETRA TECH CONTACT PERSON: Ike Tavarez — Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C, INTACT

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples. If Benzen exceeds 10 mg/kg run deeper samples. If BTEX exceeds 50 mg/kg run deeper samples. Thks

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 #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 3 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-4104-076

PROJECT NAME: Stephens & Johnson / East Millman TB 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
231068	5/5		S		X	BH-2 3'-4'	1				X													X				
069						BH-2 7'-8'																						
070						BH-2 10'-11'																						
071						BH-2 15'-16'																						
072						BH-2 20'-21'																						
073						BH-2 25'-26'																						
074						BH-2 30'-31'																						
075						BH-2 40'-41'																						
076	5/6					BH-3 0-1'							X	X										X				
077						BH-3 3'-4'																						

RELINQUISHED BY: (Signature) — Date: 5/7/10 Time: 7:22 — RECEIVED BY (Signature) — Date: 5/7/10 Time: 17:10 — SAMPLED BY: (Print & Initial) IT — Date: 5/6/10 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 — RECEIVED BY: (Signature)

ADDRESS: — CITY: Midland — STATE: TX — ZIP:

CONTACT: — PHONE: — DATE: — TIME:

TETRA TECH CONTACT PERSON: Ike Tavarez — Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C Intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples. If Benzen exceeds 10 mg/kg run deeper samples. If BTEX exceeds 50 mg/kg run deeper samples. Yes

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 # 1005019

Analysis Request of Chain of Custody Record

PAGE: 4 OF: 8

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

CLIENT NAME: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-G4100476

PROJECT NAME: Stephens & Johnson / East Millman TB
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)	TPH 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
23478	5/6		S		X	BH-3 7'-8'	1				X															X				
079						BH-3 10'-11'																								
080						BH-3 15'-16'																								
081						BH-3 20'-21'																								
082						BH-3 25'-26'																								
083						BH-3 30'-31'																								
084						BH-4 0-1'							X	X												X				
085						BH-4 3'-4'																								
086						BH-4 7'-8'																								
087						BH-4 10'-11'																								

ANALYSIS REQUEST
(Circle or Specify Method No.)

RELINQUISHED BY (Signature) Date: 5/7/10 Time: 1700
RECEIVED BY: (Signature) Date: 5/7/10 Time: 17:00
SAMPLED BY. (Print & Initial) IT Date. 5/6/10 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

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

TETRA TECH CONTACT PERSON.
Ike Tavarez

Results by

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:
4.0°C Intact

REMARKS:
If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples
If BTEX exceeds 50 mg/kg run deeper samples KF

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 # 10057019

Analysis Request of Chain of Custody Record

PAGE: 5 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-41004176

PROJECT NAME: Stephens & Johnson / East Millman TB
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)	TPH 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
231088	5/6		S		X	BH-4 15'-16'	—				X																			
089						BH-4 20'-21'																									
090						BH-4 25'-26'																									
091						BH-4 30'-31'																									
092						BH-4 40'-41'																									
093						BH-4 50'-51'																									
094						BH-4 60'-61'																									
095						BH-5 0-1'							X			X										X				
096						BH-5 3'-4'																									
097						BH-5 7'-8'																									

RELINQUISHED BY (Signature) Date 5/7/10 Time 1700 — RECEIVED BY (Signature) Date 5/7/10 Time 17:10 — SAMPLED BY: (Print & Initial) Date 5/4/10 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:

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

TETRA TECH CONTACT PERSON: Ike Tavarez — Results by: — RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 2.0°c intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples. If Benzen exceeds 10 mg/kg run deeper samples. If BTEX exceeds 50 mg/kg run deeper samples. VH

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 #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 6 OF: 8

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-C4100176
PROJECT NAME: Stephens & Johnson / East Millman TB 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
231098			S		X	BH-5 10'-11'	1				X													X				
099						BH-5 15'-16'																		X				
231100						BH-5 20'-21'																		X				
101						BH-5 30'-31'																						
102						BH-5 40'-41'																						
103						BH-5 50'-51'																						
104						BH-5 60'-61'																						
105						BH-6 20'-21'																						
106						BH-6 30'-31'																						
107						BH-7 20'-21'																						

RELINQUISHED BY: (Signature) Date: 5/7/10 Time: 1700
RECEIVED BY: (Signature) Date: 5/7/10 Time: 1700
SAMPLED BY: (Print & Initial) IT Date: 5/6/10 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: TIME:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by

RUSH Charges Authorized. Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzene exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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: 100570 19

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-4100976
PROJECT NAME: Stephens & Johnson / East Millman TB 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
231108			S		X	BH-7 30'-31'	1				X	
109						BH-8 20'-21'						
110						BH-8 30'-31'						
111						BH-8 40'-41'						
112						BH-8 50'-51'						
113						BH-8 60'-61'						
114						BH-8 70'-71'						
115						BH-8 80'-81'						
116						BH-9 20'-21'						
117						BH-9 30'-31'						

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: 5/7/10 Time: 1700
RECEIVED BY: (Signature) Date: 5/7/10 Time: 1700
SAMPLED BY (Print & Initial) Date: 5/4/10 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: DATE: TIME:
RECEIVED BY (Signature)
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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 #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 8 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-4100176

PROJECT NAME: Stephens & Johnson / East Millman TB
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
231118	5/6		S		X	BH-10 20'-21'	1				X	
119	↓		↓		↓	BH-10 30'-31'	↓				↓	
						Hold all additional samples						
						for further instructions						

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

RELINQUISHED BY: (Signature)	Date: 5/6/10 Time: 1700	RECEIVED BY: (Signature)	Date: 5/6/10 Time: 2110
SAMPLED BY. (Print & Initial) IT	Date: 5/6/10 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	RECEIVED BY: (Signature)		RUSH Charges Authorized: Yes No
ADDRESS: CITY: Midland STATE: TX ZIP:			
CONTACT: PHONE.	DATE	TIME:	

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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

TCEQ

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided)*

☐ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Attachments **Describe Any Attachments:** *(ex. Title V Application, Waste Transporter Application, etc.)*

☐ Yes ☐ No

3. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**4. Regulated Entity Reference Number** *(if issued)*
CN		RN

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)

6. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check only one of the following:*

☐ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other: _____

7. General Customer Information

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State) ☐ No Change**

If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.

8. Type of Customer:	☐ Corporation	☐ Individual	☐ Sole Proprietorship- D.B.A
☐ City Government	☐ County Government	☐ Federal Government	☐ State Government
☐ Other Government	☐ General Partnership	☐ Limited Partnership	☐ Other:

9. Customer Legal Name *(If an individual, print last name first: ex: Doe, John)* *If new Customer, enter previous Customer below* *End Date:*

10. Mailing Address:

City		**State**		**ZIP**		**ZIP + 4**	

11. Country Mailing Information *(If outside USA)*

12. E-Mail Address *(if applicable)*

13. Telephone Number ( ) -

14. Extension or Code

15. Fax Number *(if applicable)* ( ) -

16. Federal Tax ID *(9 digits)*

17. TX State Franchise Tax ID *(11 digits)*

18. DUNS Number *(if applicable)*

19. TX SOS Filing Number *(if applicable)*

20. Number of Employees

☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

21. Independently Owned and Operated?

☐ Yes ☐ No

SECTION III: Regulated Entity Information

22. General Regulated Entity Information *(If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information ☐ No Change** *(See below)*

**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.

23. Regulated Entity Name *(name of the site where the regulated action is taking place)*

24. Street Address of the Regulated Entity: *(No P.O. Boxes)*							
	City		State		ZIP		ZIP + 4	
25. Mailing Address:							
	City		State		ZIP		ZIP + 4	
26. E-Mail Address:							

27. Telephone Number	28. Extension or Code	29. Fax Number *(if applicable)*
( ) -		( ) -

30. Primary SIC Code *(4 digits)*	31. Secondary SIC Code *(4 digits)*	32. Primary NAICS Code (5 or 6 digits)	33. Secondary NAICS Code (5 or 6 digits)

34. What is the Primary Business of this entity? *(Please do not repeat the SIC or NAICS description)*

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:	

36. Nearest City	County	State	Nearest ZIP Code

37. Latitude (N) In Decimal:			38. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in See the Core Data Form instructions for additional guidance

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Industrial Hazardous Waste	☐ Municipal Solid Waste
☐ New Source Review – Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS	☐ Sludge
☐ Stormwater	☐ Title V – Air	☐ Tires	☐ Used Oil	☐ Utilities
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:		41. Title:	

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
( ) -		( ) -	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:		Job Title:	
Name *(In Print)*:		Phone:	( ) -
Signature:		Date:	

Summary Report

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

Report Date May 25, 2010

Work Order. 10051019

Project Location: Eddy County, NM
Project Name: Stephens & Johnson/East Millman TB
Project Number: 114-6400476

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
231101	BH-5 30-31'	soil	2010-05-06	00:00	2010-05-07
231102	BH-5 40-41'	soil	2010-05-06	00:00	2010-05-07

Sample: 231101 - BH-5 30-31'

Param	Flag	Result	Units	RL
Chloride		**1130**	mg/Kg	4 00

Sample: 231102 - BH-5 40-41'

Param	Flag	Result	Units	RL
Chloride		**460**	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: May 25, 2010

Work Order: 10051019

Project Location: Eddy County, NM
Project Name: Stephens & Johnson/East Millman TB
Project Number: 114-6400476

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
231101	BH-5 30-31'	soil	2010-05-06	00.00	2010-05-07
231102	BH-5 40-41'	soil	2010-05-06	00:00	2010-05-07

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 Stephens & Johnson/East Millman TB were received by TraceAnalysis, Inc. on 2010-05-07 and assigned to work order 10051019 Samples for work order 10051019 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
Chloride (Titration)	SM 4500-Cl B	60199	2010-05-24 at 09:13	70333	2010-05-25 at 09:55

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 10051019 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: 231101 - BH-5 30-31'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70333	Date Analyzed:	2010-05-25	Analyzed By:	AR
Prep Batch:	60199	Sample Preparation:	2010-05-25	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1130**	mg/Kg	50	4.00

Sample: 231102 - BH-5 40-41'

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	70333	Date Analyzed:	2010-05-25	Analyzed By:	AR
Prep Batch:	60199	Sample Preparation:	2010-05-25	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**460**	mg/Kg	50	4.00

Method Blank (1) QC Batch: 70333

QC Batch:	70333	Date Analyzed:	2010-05-25	Analyzed By:	AR
Prep Batch:	60199	QC Preparation:	2010-05-24	Prepared By:	AR

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

Laboratory Control Spike (LCS-1)

QC Batch:	70333	Date Analyzed:	2010-05-25	Analyzed By:	AR
Prep Batch:	60199	QC Preparation:	2010-05-24	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	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.

Matrix Spike (MS-1) Spiked Sample: 231598

QC Batch: 70333 | Date Analyzed: 2010-05-25 | Analyzed By: AR
Prep Batch: 60199 | QC Preparation: 2010-05-24 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	10700	mg/Kg	100	10000	470	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	10900	mg/Kg	100	10000	470	104	85 - 115	2	20

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

Standard (ICV-1)

QC Batch: 70333 | Date Analyzed: 2010-05-25 | Analyzed By: AR

Param	Flag	Units	ICVs True Conc	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.3	99	85 - 115	2010-05-25

Standard (CCV-1)

QC Batch: 70333 | Date Analyzed: 2010-05-25 | 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	2010-05-25

Order #. 10051019

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-4100476

PROJECT NAME: Stephens & Johnson / East Millman TB 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
B1048	5/5		S		X	BG 10'	1				X													X				
049						BG 20'																						
050						BG 30																						
051						BG 40'																						
052						BG 50'																						
053						BG 60'																						
054						BH-1 0-1'							X	X											X			
055						BH-1 3'-4'																						
056						BH-1 7'-8'																						
057						BH-1 10'-11'																						

RELINQUISHED BY: (Signature) Date: 5/7/10 Time: 2pm
RECEIVED BY: (Signature) Date: 5/7/10 Time: 17:00
SAMPLED BY: (Print & Initial) IT Date: 5/6/10 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: TIME:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized. Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C INTACT

REMARKS. If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10mg/kg run deeper samples If BTEX exceeds 50mg/kg run deeper samples Yes

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 # 1007019

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-410076
PROJECT NAME: Stephens & Johnson / East Millman TB 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
231058	5/5		S		X	BH-1 15'-16'	—				X																	
059						BH-1 20'-21'																							
060						BH-1 25'-26'																							
061						BH-1 30'-31'																							
062						BH-1 40'-41'																							
063						BH-1 50'-51'																							
064						BH-1 60'-61'																							
065						BH-1 70'-71'																							
066						BH-1 80-81'																							
067						BH-2 0-1'							X	X											X				

ANALYSIS REQUEST (Circle or Specify Method No.)

RELINQUISHED BY: (Signature) — Date: 5/6/10 Time: 1700
RECEIVED BY: (Signature) — Date: 5/7/10 Time: 1700
SAMPLED BY: (Print & Initial) IT — Date: 5/6/10 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 exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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

Work #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 3 OF: 8

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-C4100-176
PROJECT NAME: Stephens & Johnson / East Millman TB 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
231008	5/5		S		X	BH-2 3'-4'	1				X													X				
069						BH-2 7'-8'																						
070						BH-2 10'-11'																						
071						BH-2 15'-16'																						
072						BH-2 20'-21'																						
073						BH-2 25'-26'																						
074						BH-2 30'-31'																						
075						BH-2 40'-41'																						
076	5/6					BH-3 0'-1'							X	X										X				
077						BH-3 3'-4'																						

RELINQUISHED BY: (Signature) — Date: 5/7/10 Time: 7:00
RECEIVED BY (Signature) — Date: 5/7/10 Time: 17:40
SAMPLED BY (Print & Initial): IT — Date: 5/6/10 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: 4.0°C Intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples. If Benzen exceeds 10 mg/kg run deeper samples. If BTEX exceeds 45 mg/kg run deeper samples. Yes

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 # 1005019

Analysis Request of Chain of Custody Record

PAGE: 4 OF: 8

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-C4100476
PROJECT NAME: Stephens & Johnson / East Millman TB 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
23478	5/6		S		X	BH-3 7'-8'	1				X													X				
079						BH-3 10'-11'																						
080						BH-3 15'-16'																						
081						BH-3 20'-21'																						
082						BH-3 25'-26'																						
083						BH-3 30'-31'																						
084						BH-4 0-1'							X	X										X				
085						BH-4 3'-4'																						
086						BH-4 7'-8'																						
087						BH-4 10'-11'																						

RELINQUISHED BY (Signature): Date: 5/10/10 Time: 1700 — RECEIVED BY: (Signature) Date: 5/7/10 Time: 7:00
SAMPLED BY. (Print & Initial): IT Date: 5/4/10 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 — RECEIVED BY: (Signature)
ADDRESS: CITY: Midland STATE: TX ZIP:
CONTACT: PHONE: DATE: TIME:
RUSH Charges Authorized. Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzene exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples KT

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 # 10057019

Analysis Request of Chain of Custody Record

PAGE: 5 OF 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-24000476

PROJECT NAME: Stephens & Johnson / East Millman TB
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
231088	5/6		S		X	BH-4 15'-16'					X																	
089						BH-4 20'-21'																							
090						BH-4 25'-26'																							
091						BH-4 30'-31'																							
092						BH-4 40'-41'																							
093						BH-4 50'-51'																							
094						BH-4 60'-61'																							
095						BH-5 0-1'							X		X										X				
096						BH-5 3'-4'																							
097						BH-5 7'-8'																							

RELINQUISHED BY (Signature) Date: 5/7/10 Time: 1700 | RECEIVED BY (Signature) Date: 5-7-10 Time: 17:00 | SAMPLED BY (Print & Initial) Date 5/4/10 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 | RECEIVED BY. (Signature)
ADDRESS:
CITY: Midland STATE: TX ZIP
CONTACT: PHONE: | DATE: TIME:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by.

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 2.0°c intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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 #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 6 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-4100176

PROJECT NAME: Stephens & Johnson / East Millman TB
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
231098			S		X	BH-5 10'-11'	1				X													X				
099						BH-5 15'-16'																		X				
231100						BH-5 20'-21'																		X				
101						BH-5 30'-31'																						
102						BH-5 40'-41'																						
103						BH-5 52'-53'																						
104						BH-5 60'-61'																						
105						BH-6 20'-21'																						
106						BH-6 30'-31'																						
107						BH-7 20'-21'																						

RELINQUISHED BY: (Signature) Date: 5/7/10 Time: 1700
RECEIVED BY: (Signature) Date: 5/7/10 Time: 17:00
SAMPLED BY: (Print & Initial) IT Date: 5/6/10 Time:

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

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 5,000 mg/kg run deeper samples
If Benzene exceeds 10 mg/kg run deeper samples
If BTEX exceeds 50 mg/kg run deeper samples

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: 10057016

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: Stephens & Johnson Operating
SITE MANAGER: Ike Tavarez
PROJECT NO.: 114-4100976
PROJECT NAME: Stephens & Johnson / East Millman TB 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
231108			S		X	BH-7 30'-31'	1				X	
109						BH-8 20'-21'						
110						BH-8 30'-31'						
111						BH-8 40'-41'						
112						BH-8 50'-51'						
113						BH-8 60'-61'						
114						BH-8 70'-71'						
115						BH-8 80'-81'						
116						BH-9 20'-21'						
117						BH-9 30'-31'						

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

RELINQUISHED BY (Signature) Date: 5/7/10 Time: 1700
RECEIVED BY (Signature) Date: 5/7/10 Time: 1700
SAMPLED BY (Print & Initial) Date: 5/6/10 Time:

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

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

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

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

TETRA TECH CONTACT PERSON: Ike Tavarez
Results by:
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 4.0°C intact

REMARKS: If total TPH exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 45 mg/kg run deeper samples HLS

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 #: 10057019

Analysis Request of Chain of Custody Record

PAGE: 8 OF: 8

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: Stephens & Johnson Operating

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-4106-176

PROJECT NAME: Stephens & Johnson / East Millman TB
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
231118	5/6		S		X	BH-10 20' 21'	1				X																	
119	↓		↓		↓	BH-10 30' 31'	↓				↓																	
						Hold all additional samples for further instructions																						

RELINQUISHED BY: (Signature) — Date: 5/7/10 Time: 1200
RECEIVED BY: (Signature) — Date: 5/7/10 Time: 1200
SAMPLED BY: (Print & Initial) JT — Date 5/6/10 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 exceed 5,000 mg/kg run deeper samples If Benzen exceeds 10 mg/kg run deeper samples If BTEX exceeds 50 mg/kg run deeper samples

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