1R - 444

REPORTS

DATE:

5/10/2005

Larson & Associates, Inc.
Environmental Consultants

May 10, 2005

Mr. Paul Sheeley
New Mexico Oil Conservation Division – District I
1625 North French Drive
Hobbs, New Mexico 88240

Re: Pipeline Spill Investigation Report, Dynegy Midstream Services. L.P., Unit Letter I (NE/4, SE/4), Section 24, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Sheeley:

Dynegy Midstream Services, L.P. ("Dynegy") has retained Larson and Associates Inc. ("LA") to investigate potential impacts to soil from a historic natural gas liquids spill that occurred from a pipeline leak in the northeast quarter (NE/4) of the southeast quarter (SE/4), Section 24, Township 22 South, Range 37 East, Lea County, New Mexico (Site #05). The spill did not involve a reportable quantity of gas or liquid, but a Release Notification and Corrective Action form (C-141) was filed at the request of the New Mexico Oil Conservation Division ("NMOCD"). The leak was repaired. Figure 1 presents a site location and topographic map. Appendix A presents a copy of the form C-141.

Excavation of impacted soil was conducted from September 2, 2003 until September 24, 2003. Confirmation samples were collected and analyzed, and a Pipeline Spill Investigation Report was submitted to the NMOCD on January 30, 2004. Figure 2 shows the boundaried of the excavation and locations of soil samples reported in the January 2004 report. The excavation was backfilled.

On August 12, 2004, the NMOCD denied closure of Site #05, stating that "the Ranking Criteria is 10 because groundwater is 54-69 ft. in that section".

The following Recommended Remediation Action Levels (RRALs) have been assigned based on NMOCD criteria:

Benzene	**10 mg/kg**
Total BTEX	**50 mg/kg**
TPH	**100 mg/kg**

Current Investigation

On September 24, 2004, LA installed three (3) soil borings at Site #05 (BH-1, BH-2 and BH-3), using a Terraprobe® direct-push sampling system, to assess the vertical limits of the spill. Samples from the exploratory borings were collected from ground surface to a depth of approximately eight (8) feet below ground surface ("bgs") at boring BH-1, to approximately twenty- two (22) feet bgs at boring BH-3, using a stainless steel core barrel and dedicated sample liners. The sampling equipment was thoroughly cleaned between soil boring locations with a solution of laboratory-grade detergent and potable water, and rinsed with distilled water. All soil borings were plugged with bentonite. Figure 2 shows the locations of the soil borings with relation to the samples reported in January 2004. Appendix B provides soil boring logs.

The soil samples were collected in four-foot increments (i.e., 0-4', 4-8', etc.) and two (2) foot composite samples (i.e., 0-2', 2-4', 4-6', etc.) from each interval were placed in clean glass sample jars, labeled, chilled in

an ice chest, and delivered under chain-of-custody control to Environmental Lab of Texas, Inc. (ELOT), located in Odessa, Texas. A duplicate of each composite sample was also placed in a clean glass sample jar for headspace analysis. The headspace jars were filled approximately ¾ full, and a layer of aluminum foil was placed over the opening of the jar before replacing the cap. The headspace samples were allowed to reach ambient temperature before a RAE Instruments, Model 2000 photoionization detector ("PID") was used to measure the concentration of organic vapors in the headspace of the sample jars. After calibrating the instrument to 99.9 parts per million ("ppm") isobutylene, the PID probe was inserted into the headspace of the sample jars (through the aluminum foil), and the concentration of organic vapors was displayed by the instrument in ppm. The PID readings are summarized in Table 1.

The soil sample from each boring with the highest PID reading was analyzed for total petroleum hydrocarbons ("TPH") by EPA method 8015 (extended) for gasoline range organics ("GRO") and diesel range organics (" DRO"). If the PID reading exceeded 100 ppm, the sample was also analyzed for benzene, toluene, ethylbenzene and xylenes (collectively referred to as BTEX) by method 8021B. Additional samples were analyzed for TPH and/or BTEX, in order to provide vertical delineation. Table 1 presents a summary of laboratory analysis of soil samples. Appendix C presents the laboratory analyses and chain of custody documentation.

Referring to Table 1, concentrations of TPH exceeded the RRAL (100 mg/Kg) in the samples collected from boring BH-2 at 2-4 feet bgs (160.1 mg/Kg) and 6-8' bgs (9,890 mg/Kg), and from boring BH-3 at 6-8' bgs (996.7 mg/Kg), 18-20' bgs (7,210 mg/Kg) and 20-22' bgs (9,990 mg/Kg). Concentration of BTEX exceeded the RRAL (50 mg/Kg) in the samples collected from boring BH-3 at 18-20' bgs (55.17 mg/Kg) and 20-22' bgs (101.19 mg/Kg).

On January 3, 2005, excavation began at the approximate location of soil boring BH-3, and continued until soil samples were collected from the sides and bottom of the excavation on January 11, 2005. The soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain of custody control to ELOT. Duplicate samples were collected for headspace analysis, as described above. Soil samples were analyzed for TPH by EPA method SW-846-8015. Table 2 presents a summary of the laboratory analysis of soil from the excavation, and PID readings. Figure 3 shows the sample locations and TPH concentrations. Appendix C presents laboratory data and chain of custody documentation.

Referring to Table 2, the soil samples collected from north side of the excavation at a depth of 20' bgs (SS-5), the south side at a depth of 20' bgs (SS-6) and the bottom at a depth of 41' bgs (SS-7), showed concentrations of TPH that exceeded the RRAL (834 mg/Kg, 216.4 mg/Kg and 106.3 mg/Kg, respectively). All other samples, collected from the east, north and south sides of the excavation (SS-1 through SS-4) reported TPH concentrations below the test method detection limit. Samples were not collected from the west side of the excavation, as it was ramped to a depth of 41' bgs. Laboratory analysis was not conducted for BTEX, as all PID readings were below 100 ppm.

Excavation continued at the Site #5, until confirmation samples were collected on February 22, 2005, from the north and south side, and the bottom of the excavation. Soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest and delivered to ELOT under chain of custody control. A duplicate of each sample was collected for headspace analysis, as described above. Soil samples were analyzed for TPH

and chloride by EPA method SW-846-9253. Table 2 presents a summary of laboratory analyses of soil from the excavation, and PID readings. Figure 3 shows the sample locations and TPH concentrations. Appendix C presents laboratory data and chain of custody documentation.

Referring to Table 2, all soil samples collected on February 22, 2005 (SS-8 through SS-10), showed TPH concentrations below the RRAL. The highest chloride concentration was reported in sample SS-10 (40.4 mg/Kg), collected from the bottom of the excavation at a depth of approximately 42 feet bgs. All PID readings were below 100 ppm.

Soil from the excavation was removed from the site, and disposed at an NMOCD approved facility. As TPH and chloride concentrations from all final samples collected at Site #05 are below the RRALs, Dynegy requests that Site # 05 be closed. The excavation remains open, pending approval of closure by the NMOCD, and will be backfilled with clean soil pending approval.

Please call Mr. Cal Wrangham with Dynegy (432) 688-0555 or myself at (915) 687-0901 if you have any questions.

Sincerely,
Larson & Associates, Inc.

Cindy K. Crain

Cindy K. Crain, P.G.

Encl.
cc: Mr. Cal Wrangham – Dynegy
Mr. Roger Holland- Dynegy
Mr. James Lingnau - Dynegy

TABLES

Table 1:
Summary of Headspace and Laboratory Analyses of Soil Samples from Auger Borings
Dynegy Midstream Services, L.P., Spill Site #05
NE/4,SE/4, Section 24, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Date	Soil Boring	Sample Depth (Feet bgs)	GRO C6-C12 (mg/kg)	DRO >C12-C35 (mg/kg)	TPH C6-C35 (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	PID (ppm)
RRAL					**100**	**10**	**50**	
9/24/2004	BH - 1	6-8	<10.0	<10.0	<20.0	---	---	32
9/24/2004	BH - 2	2-4	14.1	146.0	160.1	---	---	90.3
		6-8	2,040	7,850	9,890	<0.0250	3.341	440.6
		10-12	<10.0	<10.0	<20.0	---	---	92.9
9/24/2004	BH - 3	2-4	<10.0	<10.0	<20.0	---	---	3.3
		6-8	89.7	907	996.7	<0.0250	0.0419	134
		18-20	2,370	4,840	7,210	1.76	55.17	1,369
		20-22	3,940	6,050	9,990	6.69	101.19	>1999

Notes: Analysis performed by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million

Table 2: Summary of Headspace and Laboratory Analyses of Soil Samples
Dynegy Midstream Services, L.P., Spill Site #05
NE/4,SE/4, Section 24, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Date	Sample No.	Sample Location	Sample Depth (Feet bgs)	GRO C6-C12 (mg/kg)	DRO >C12-C35 (mg/kg)	TPH C6-C35 (mg/kg)	Chloride (mg/kg)	PID (ppm)
RRAL						**100**	**250**	
1/11/2005	SS-1	East side	18'	<10.0	<10.0	<20.0	---	2.6
1/11/2005	SS-2	East side	38'	<10.0	<10.0	<20.0	---	1.4
1/11/2005	SS-3	North side	38'	<10.0	<10.0	<20.0	---	1.2
1/11/2005	SS-4	South side	38'	7.21	64.9	72.1	---	1.7
1/11/2005	SS-5	North side	20'	160	674	834	---	14.8
1/11/2005	SS-6	South side	20'	55.4	161	216.4	---	3.4
1/11/2005	SS-7	Bottom	41'	34.9	71.4	106.3	---	0.3
2/22/2005	SS-8	North side	20	<10.0	<10.0	<20.0	23.1	0.4
2/22/2005	SS-9	South side	20	<10.0	<10.0	<20.0	17.1	0.3
2/22/2005	SS-10	Bottom	42	7.02	38.1	45.12	40.4	0.1

Notes: Analysis performed by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million

FIGURES

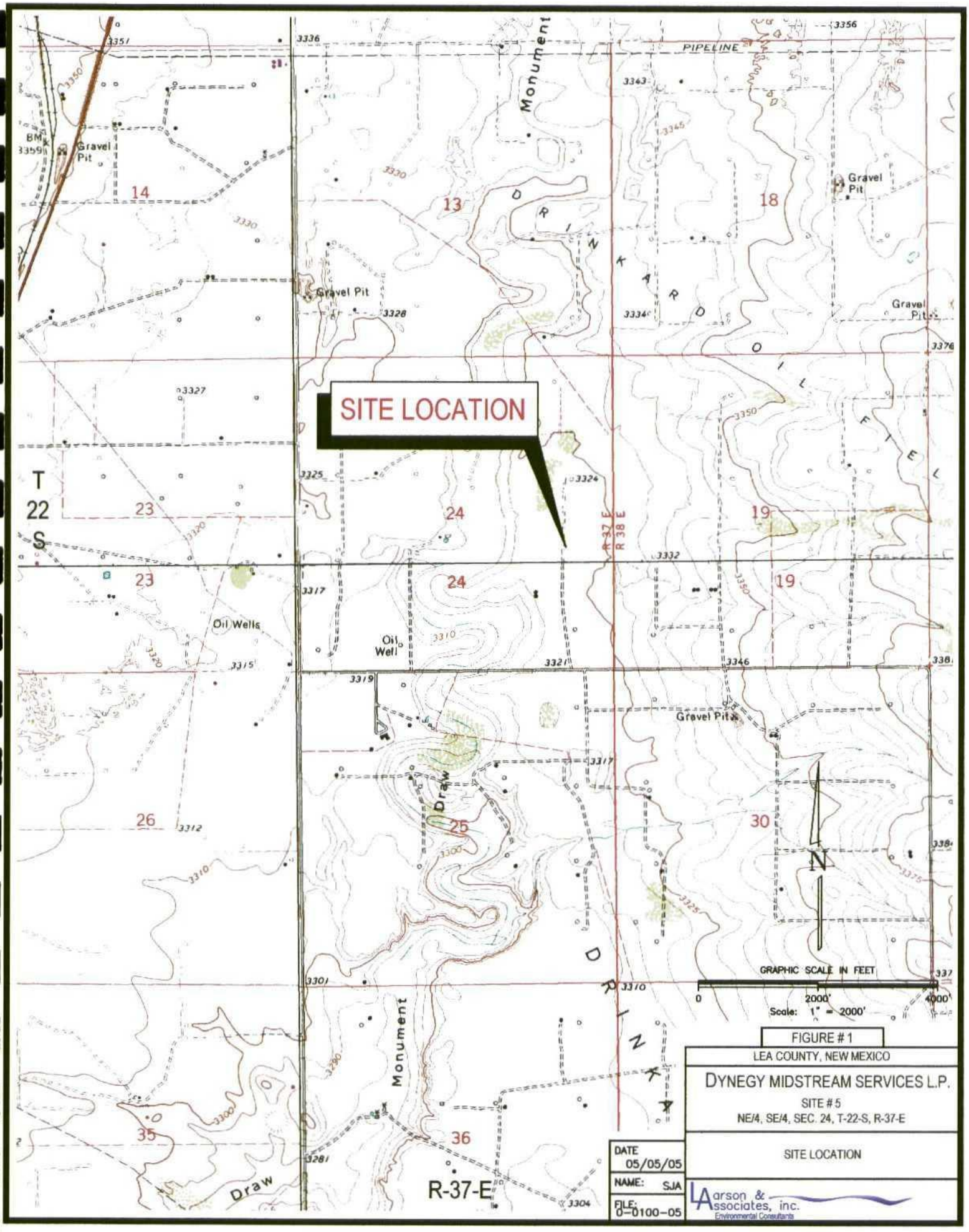


FIGURE # 1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

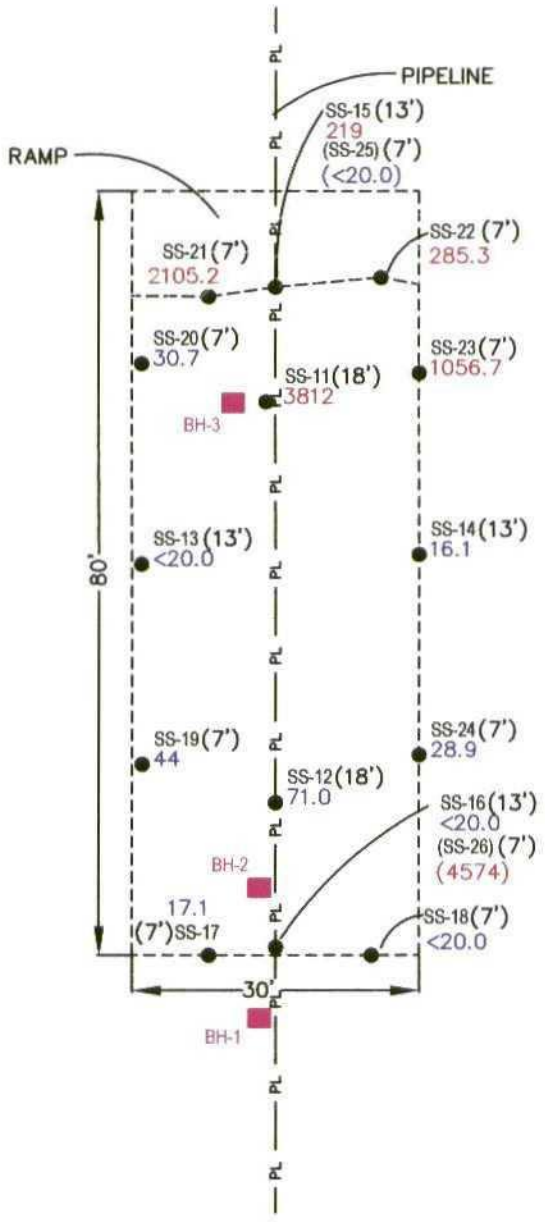
SITE # 5

NE/4, SE/4, SEC. 24, T-22-S, R-37-E

SITE LOCATION

DATE	05/05/05
NAME:	SJA
FILE:	0-0100-05

Larson & Associates, inc.
Environmental Consultants



GRAPHIC SCALE IN FEET

0 20' 40'

Scale: 1" = 20'

LEGEND

(7') SS-17 17.1 ● – SOIL SAMPLE LOCATION, DEPTH AND TPH CONCENTRATION (MG/KG) 9/17/03, 9/25/03 AND 10/11/03

BH-1 ■ – SOIL BORING LOCATION (9/24/04)

FIGURE # 2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

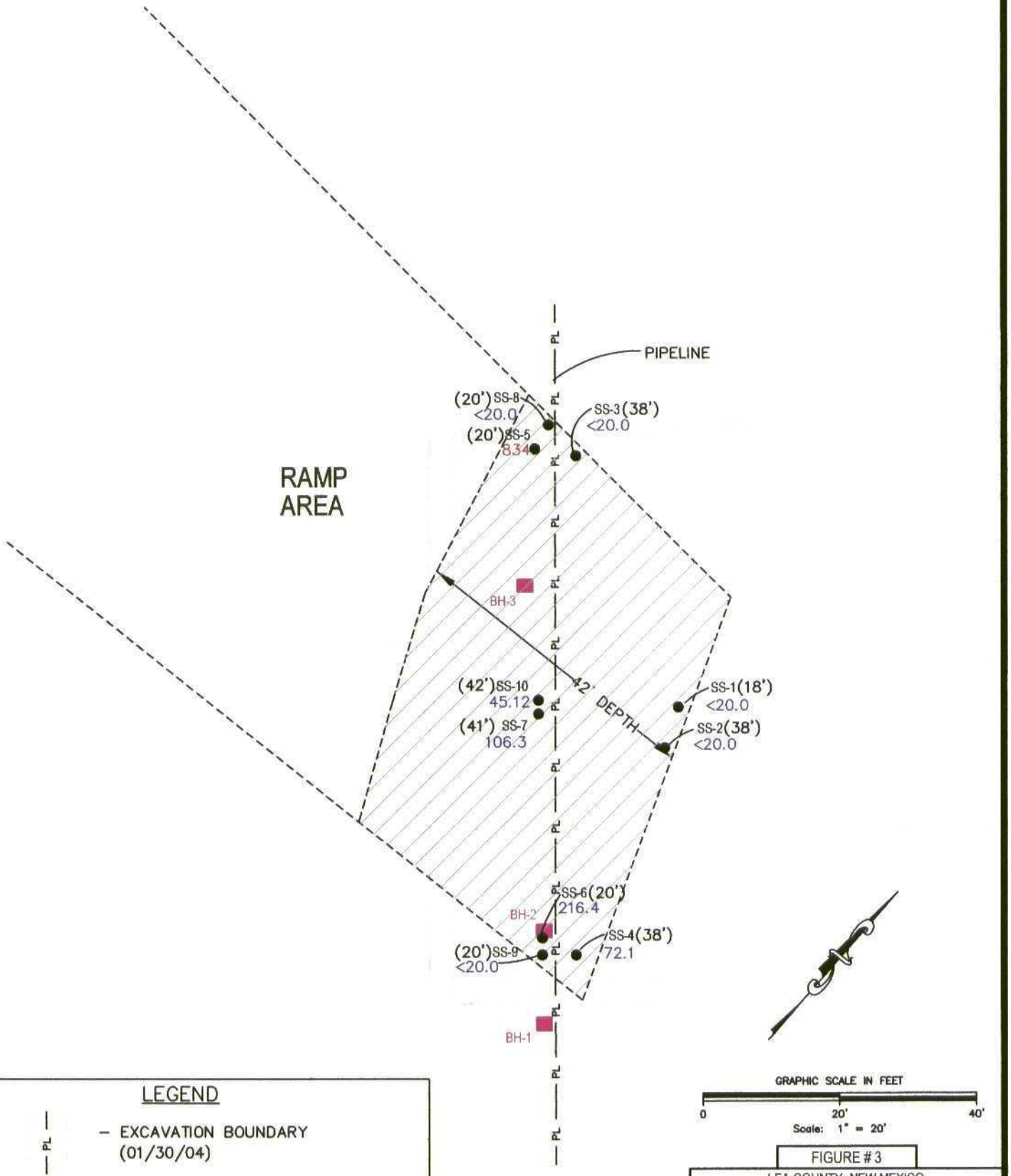
SITE # 5

NE/4, SEC. 24, T-22-S, R-37-E

SOIL SAMPLE LOCATIONS
9/17/03, 9/25/03 AND 10/11/03
SOIL BORING LOCATIONS 9/24/04

DATE	05/05/05
NAME:	SJA
FILE:	0-0100-05

Larson & Associates, inc.
Environmental Consultants



LEGEND

- PL — EXCAVATION BOUNDARY (01/30/04)
- BH-1 — SOIL BORING LOCATION (9/24/04)
- (18') SS-1 <20.0 — SOIL SAMPLE LOCATION, DEPTH AND TPH CONCENTRATION (MG/KG) 1/11/05 AND 2/22/05

FIGURE # 3

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

SITE # 5

NE/4, SEC. 24, T-22-S, R-37-E

SOIL SAMPLE LOCATIONS
1/11/05 AND 2/22/05

DATE	05/05/05
NAME:	SJA
FILE:	0-0100-05

Larson & Associates, inc.
Environmental Consultants

APPENDIX A

Release Notification and Corrective Action Form (C-141)

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 June 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 [X] Final Report

Name of Company Dynegy Midstream Services, L.P.	Contact Dave Harris
Address PO Box 1909 Eunice, NM 88231	Telephone No. (505) 631-7069
Facility Name Eunice Plant Gathering System	Facility Type Gas Plant Low Pressure Gathering Lines

Surface Owner J.L. Murcy & Pat Sims	Mineral Owner	Lease No.

LA Project # 0-0100-05

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	24	22S	37E					Lea

NATURE OF RELEASE

Type of Release Natural Gas Condensate	Volume of Release ? unknown / Volume Recovered None
Source of Release Pipeline Leak	Date and Hour of Occurrence / Date and Hour of Discovery
Was Immediate Notice Given? [ ] Yes [X] No [ ] Not Required	If YES, To Whom?
By Whom?	Date and Hour
Was a Watercourse Reached? [ ] Yes [X] No	If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Pipeline leak due to interior and exterior corrosion. Will excavate impacted soil.

Describe Area Affected and Cleanup Action Taken.*

Some staining along pipeline right of way. Will clean up per NMOCD guidelines and submit documentation to district office.

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:	OIL CONSERVATION DIVISION
Printed Name: Cal Wrangham	Approved by District Supervisor:
Title: ES&H Advisor	Approval Date: / Expiration Date:
E-mail Address: cwwr@dynegy.com	Conditions of Approval: / Attached [ ]
Date: 8/21/03 Phone: (432) 688-0542	

* Attach Additional Sheets If Necessary

APPENDIX B

Soil Boring Logs

Client: Dynegy Midstream Services L. P.

Log: BH-1

Project: Site # 5

Project No: 0-0100-05

Page: 1 of 1

Location: NE/SE, SEC. 24, T-22-S, R-37-E, Lea Co., NM

Geologist: C. Crain

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (50 – 150)	Notes
0		Ground Surface					
		Sand 5 YR 6/3, Light reddish brown, fine grained, well sorted					
5			1			32.0	
		TD: 8'					
10							
15							

Drill Method: Direct Push

Drill Date: 9-24-04

Hole Size: 4"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: C. Crain

Drilled by: LA

Client: Dynegy Midstream Services L. P.

Project: Site # 5

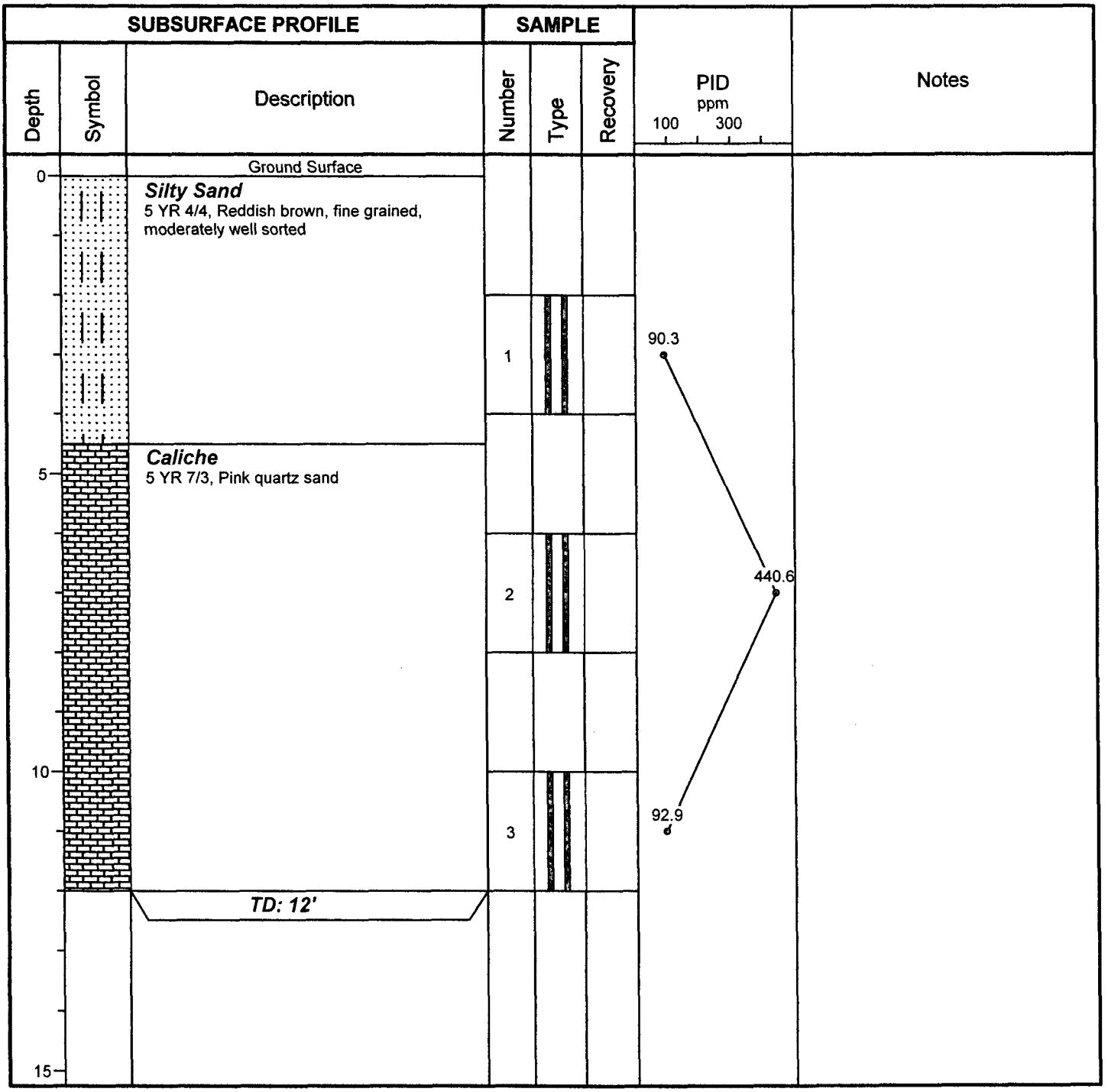
Project No: 0-0100-05

Location: NE/SE, SEC. 24, T-22-S, R-37-E, Lea Co., NM

Log: BH-2

Page: 1 of 1

Geologist: C. Crain



Drill Method: Direct Push

Drill Date: 9-24-04

Hole Size: 4"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: C. Crain

Drilled by: LA

Client: Dynegy Midstream Services L. P.

Log: BH-3

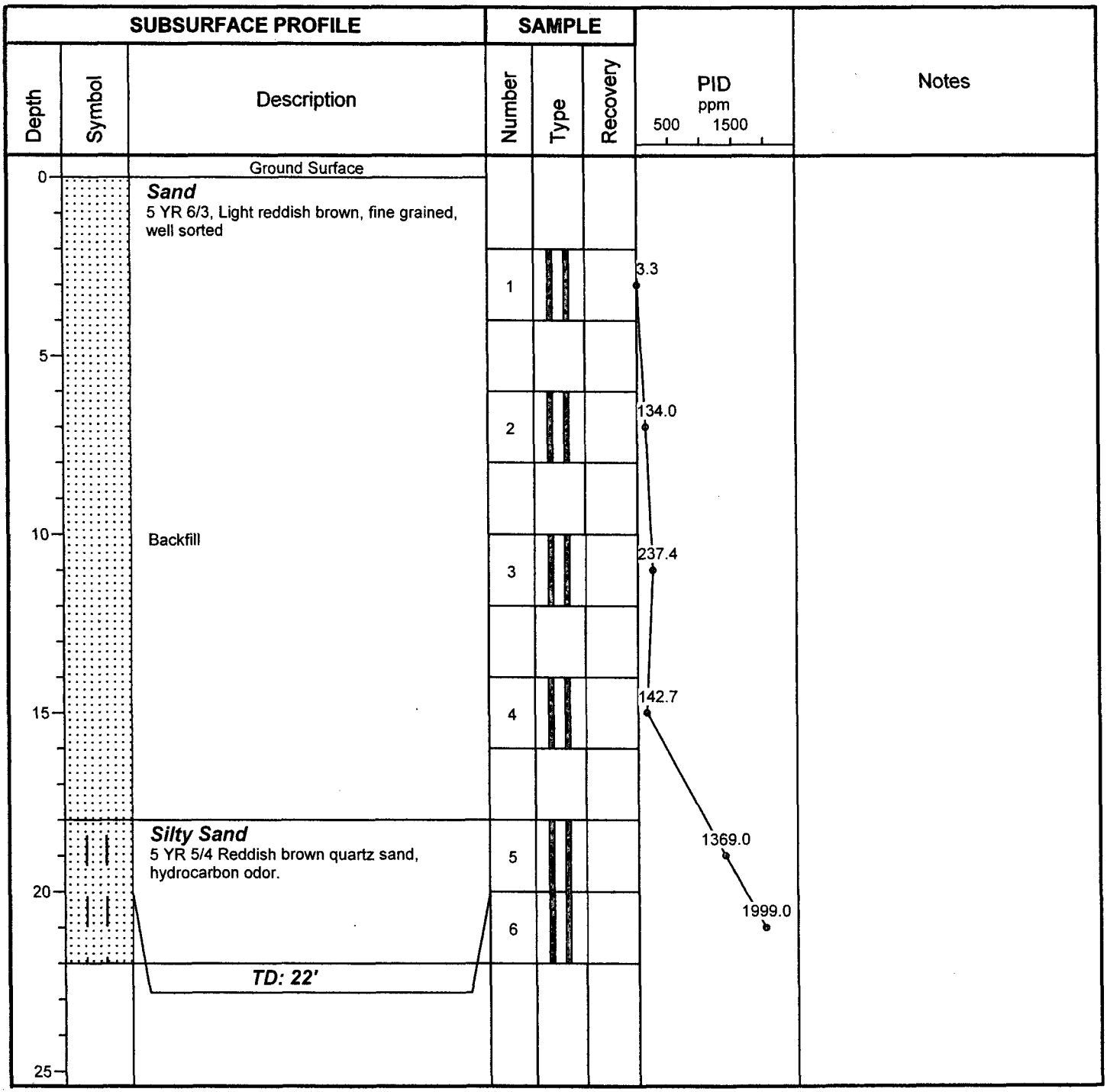
Project: Site # 5

Project No: 0-0100-05

Page: 1 of 1

Location: NE/SE, SEC. 24, T-22-S, R-37-E, Lea Co., NM

Geologist: C. Crain



Drill Method: Direct Push

Drill Date: 9-24-04

Hole Size: 4"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: C. Crain

Drilled by: LA

APPENDIX C

Laboratory Reports

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #5

Project Number: 0-0100-05

Location: None Given

Lab Order Number: 4I26004

Report Date: 09/30/04

Larson & Associates, Inc.	Project: Dynegy Site #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-05	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/30/04 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 (6-8')	4I26004-01	Solid	09/24/04 09:19	09/24/04 17:30
BH-2 (2-4')	4I26004-02	Solid	09/24/04 09:30	09/24/04 17:30
BH-2 (6-8')	4I26004-03	Solid	09/24/04 09:35	09/24/04 17:30
BH-2 (10-12')	4I26004-04	Solid	09/24/04 09:43	09/24/04 17:30
BH-3 (2-4')	4I26004-05	Solid	09/24/04 09:57	09/24/04 17:30
BH-3 (6-8')	4I26004-06	Solid	09/24/04 09:59	09/24/04 17:30
BH-3 (18-20')	4I26004-07	Solid	09/24/04 10:18	09/24/04 17:30
BH-3 (20-22')	4I26004-08	Solid	09/24/04 10:38	09/24/04 17:30

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (6-8') (4I26004-01) Solid									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.0 %*	*70-130*		"	"	"	"	
BH-2 (2-4') (4I26004-02) Solid									
Gasoline Range Organics C6-C12	**14.1**	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	**146**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**160**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.6 %*	*70-130*		"	"	"	"	
BH-2 (6-8') (4I26004-03) Solid									
Benzene	ND	0.0250	mg/kg dry	25	EI42901	09/28/04	09/29/04	EPA 8021B	
Toluene	**0.185**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.549**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.76**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.847**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2040**	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	**7850**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**9890**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*129 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*125 %*	*70-130*		"	"	"	"	
BH-2 (10-12') (4I26004-04) Solid									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-3 (2-4') (4I26004-05) Solid									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.2 %*	*70-130*		"	"	"	"	
BH-3 (6-8') (4I26004-06) Solid									
Benzene	ND	0.0250	mg/kg dry	25	EI42901	09/28/04	09/29/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0271**	0.0250	"	"	"	"	"	"	
Xylene (o)	**J [0.0148]**	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		*92.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**89.7**	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	**907**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**997**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*126 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
BH-3 (18-20') (4I26004-07) Solid									
Benzene	**1.76**	0.0250	mg/kg dry	25	EI42901	09/28/04	09/29/04	EPA 8021B	
Toluene	**9.41**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**7.10**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**24.8**	0.0250	"	"	"	"	"	"	
Xylene (o)	**12.1**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*672 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2370**	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	**4840**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**7210**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*128 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*123 %*	*70-130*		"	"	"	"	

Larson & Associates, Inc.	Project: Dynegy Site #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-05	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/30/04 15:46

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-3 (20-22') (4I26004-08) Solid									
Benzene	**6.69**	0.0250	mg/kg dry	25	EI42901	09/28/04	09/29/04	EPA 8021B	
Toluene	**24.5**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**18.6**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**37.0**	0.0250	"	"	"	"	"	"	
Xylene (o)	**14.4**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*1540 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*86.1 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**3940**	10.0	mg/kg dry	1	EI42702	09/27/04	09/28/04	EPA 8015M	
Diesel Range Organics >C12-C35	**6050**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**9990**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*127 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*125 %*	*70-130*		"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (6-8') (4I26004-01) Solid									
% Solids	**94.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-2 (2-4') (4I26004-02) Solid									
% Solids	**74.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-2 (6-8') (4I26004-03) Solid									
% Solids	**91.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-2 (10-12') (4I26004-04) Solid									
% Solids	**97.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-3 (2-4') (4I26004-05) Solid									
% Solids	**97.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-3 (6-8') (4I26004-06) Solid									
% Solids	**96.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-3 (18-20') (4I26004-07) Solid									
% Solids	**89.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	
BH-3 (20-22') (4I26004-08) Solid									
% Solids	**89.0**		%	1	EI42812	09/28/04	09/28/04	% calculation	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42702 - Solvent Extraction (GC)										
Blank (EI42702-BLK1)				Prepared & Analyzed: 09/27/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*51.5*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.1*		*"*	*50.0*		*72.2*	*70-130*			
Blank (EI42702-BLK2)				Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*58.8*		*mg/kg*	*50.0*		*118*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		*"*	*50.0*		*72.4*	*70-130*			
LCS (EI42702-BS1)				Prepared & Analyzed: 09/27/04						
Gasoline Range Organics C6-C12	467	10.0	mg/kg wet	500		93.4	75-125			
Diesel Range Organics >C12-C35	469	10.0	"	500		93.8	75-125			
Total Hydrocarbon C6-C35	936	10.0	"	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	*58.6*		*mg/kg*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.6*		*"*	*50.0*		*79.2*	*70-130*			
LCS (EI42702-BS2)				Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	453	10.0	mg/kg wet	500		90.6	75-125			
Diesel Range Organics >C12-C35	543	10.0	"	500		109	75-125			
Total Hydrocarbon C6-C35	996	10.0	"	1000		99.6	75-125			
Surrogate: 1-Chlorooctane	*58.9*		*mg/kg*	*50.0*		*118*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		*"*	*50.0*		*73.8*	*70-130*			
Calibration Check (EI42702-CCV1)				Prepared & Analyzed: 09/27/04						
Gasoline Range Organics C6-C12	499		mg/kg	500		99.8	80-120			
Diesel Range Organics >C12-C35	581		"	500		116	80-120			
Total Hydrocarbon C6-C35	1080		"	1000		108	80-120			
Surrogate: 1-Chlorooctane	*57.1*		*"*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.5*		*"*	*50.0*		*115*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42702 - Solvent Extraction (GC)										
Calibration Check (EI42702-CCV2)				Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	461		mg/kg	500		92.2	80-120			
Diesel Range Organics >C12-C35	527		"	500		105	80-120			
Total Hydrocarbon C6-C35	988		"	1000		98.8	80-120			
Surrogate: 1-Chlorooctane	*57.4*		"	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.1*		"	*50.0*		*78.2*	*70-130*			
Matrix Spike (EI42702-MS1)		**Source: 4I26004-01**		Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	521	10.0	mg/kg dry	532	ND	97.9	75-125			
Diesel Range Organics >C12-C35	602	10.0	"	532	ND	113	75-125			
Total Hydrocarbon C6-C35	1120	10.0	"	1060	ND	106	75-125			
Surrogate: 1-Chlorooctane	*58.7*		*mg/kg*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.0*		"	*50.0*		*114*	*70-130*			
Matrix Spike (EI42702-MS2)		**Source: 4I26005-04**		Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	555	10.0	mg/kg dry	575	ND	96.5	75-125			
Diesel Range Organics >C12-C35	607	10.0	"	575	ND	106	75-125			
Total Hydrocarbon C6-C35	1160	10.0	"	1150	ND	101	75-125			
Surrogate: 1-Chlorooctane	*60.2*		*mg/kg*	*50.0*		*120*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.1*		"	*50.0*		*72.2*	*70-130*			
Matrix Spike Dup (EI42702-MSD1)		**Source: 4I26004-01**		Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	521	10.0	mg/kg dry	532	ND	97.9	75-125	0.00	20	
Diesel Range Organics >C12-C35	570	10.0	"	532	ND	107	75-125	5.46	20	
Total Hydrocarbon C6-C35	1090	10.0	"	1060	ND	103	75-125	2.71	20	
Surrogate: 1-Chlorooctane	*57.2*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.5*		"	*50.0*		*107*	*70-130*			
Matrix Spike Dup (EI42702-MSD2)		**Source: 4I26005-04**		Prepared: 09/27/04 Analyzed: 09/28/04						
Gasoline Range Organics C6-C12	552	10.0	mg/kg dry	575	ND	96.0	75-125	0.542	20	
Diesel Range Organics >C12-C35	621	10.0	"	575	ND	108	75-125	2.28	20	
Total Hydrocarbon C6-C35	1170	10.0	"	1150	ND	102	75-125	0.858	20	
Surrogate: 1-Chlorooctane	*62.0*		*mg/kg*	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.8*		"	*50.0*		*71.6*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42901 - EPA 5030C (GC)										
Blank (EI42901-BLK1)				Prepared & Analyzed: 09/28/04						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*92.3*		*ug/kg*	*100*		*92.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*81.5*		"	*100*		*81.5*	*80-120*			
LCS (EI42901-BS1)				Prepared & Analyzed: 09/28/04						
Benzene	97.8		ug/kg	100		97.8	80-120			
Toluene	99.4		"	100		99.4	80-120			
Ethylbenzene	94.1		"	100		94.1	80-120			
Xylene (p/m)	209		"	200		104	80-120			
Xylene (o)	97.1		"	100		97.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*111*		"	*100*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*80-120*			
Calibration Check (EI42901-CCV1)				Prepared: 09/28/04 Analyzed: 09/29/04						
Benzene	100		ug/kg	100		100	80-120			
Toluene	101		"	100		101	80-120			
Ethylbenzene	90.2		"	100		90.2	80-120			
Xylene (p/m)	199		"	200		99.5	80-120			
Xylene (o)	93.6		"	100		93.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*118*		"	*100*		*118*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.3*		"	*100*		*91.3*	*80-120*			
Matrix Spike (EI42901-MS1)	**Source: 4I24020-01**			Prepared: 09/28/04 Analyzed: 09/29/04						
Benzene	99.6		ug/kg	100	ND	99.6	80-120			
Toluene	99.7		"	100	ND	99.7	80-120			
Ethylbenzene	92.3		"	100	ND	92.3	80-120			
Xylene (p/m)	204		"	200	ND	102	80-120			
Xylene (o)	94.1		"	100	ND	94.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*112*		"	*100*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*99.6*		"	*100*		*99.6*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42901 - EPA 5030C (GC)										
Matrix Spike Dup (EI42901-MSD1)	**Source: 4I24020-01**			Prepared: 09/28/04		Analyzed: 09/29/04				
Benzene	96.3		ug/kg	100	ND	96.3	80-120	3.37	20	
Toluene	98.2		"	100	ND	98.2	80-120	1.52	20	
Ethylbenzene	94.2		"	100	ND	94.2	80-120	2.04	20	
Xylene (p/m)	206		"	200	ND	103	80-120	0.976	20	
Xylene (o)	96.1		"	100	ND	96.1	80-120	2.10	20	
Surrogate: a,a,a-Trifluorotoluene	*107*		"	*100*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*101*		"	*100*		*101*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42812 - % Solids										
Blank (EI42812-BLK1)				Prepared & Analyzed: 09/28/04						
% Solids	100		%							
Duplicate (EI42812-DUP1)		**Source: 4I24018-01**		Prepared & Analyzed: 09/28/04						
% Solids	98.0		%		98.0			0.00	20	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Celey D. Keene Date: 09/30/04

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Biezugbe, Lab Tech.

Jeanne McMurrey

From: "Cindy Crain" <cindy@laenvironmental.com>
To: "Jeanne McMurrey" <jeanne@elabtexas.com>
Sent: Monday, September 27, 2004 9:20 AM
Subject: Sample Discrepancies (Dynegy)

Jeanne,

For soil samples collected by Larson & Associates on 9/24/04 for Dynegy, please note the following discrepancies on the chain-of-custodies:

- Project No. 0-0100-02: Please change the Project Name to Site #2.
- Project No. 0-0100-05: The sample collected at 0919, and listed on the COC as BH-1 (6-8'), is actually

  BH-1 (6-8'), even though the sample jar is labeled as BH-2 (6-8').

- Project No. 0-0100-05: Two extra samples were brought to the lab that were not included on the COC:

  (BH-3, 10-12' and BH-3, 14-16'). Please hold these samples.

Please give me a call if you have any further questions.

Thank you,

Cindy Crain, PG
Project Manager
Larson and Associates, Inc.
507 N. Marienfeld, Suite 202
Midland, Texas 79702
office - (432) 687-0901
mobile - (432) 556-8665

--

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson + Associates

Date/Time: 09-26-04 @ 1400

Order #: 4I26004

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles?	Yes	No	(Not present)
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	Yes	(No)	NO LABELS - WRITTEN ON LID * See attached
Container labels legible and intact?	(Yes)	No	NO LABELS - WRITTEN ON LID e-mail 9.27.4
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - Cindy Crain Date/Time: 09-27-04 @ 0900 Contacted by: Jeanne McMurrey

Regarding:

COC / labels discrepancy
extra samples BH-3

Corrective Action Taken:

See attached e-mail

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: Cindy Crain

PROJECT NO.: 0-0100-05

PROJECT NAME: Site #5

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	BTEX 8021B	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
9/24/04	0919		✓		BH-1 (6-8')	1	✓		4I26004-01	
"	0930		✓		BH-2 (2-4')	1	✓		-02	
"	0935		✓		" (6-8')	1	✓	✓	-03	
"	0943		✓		" (10-12')	1	✓		-04	
"	0957		✓		BH-3 (2-4')	1	✓		-05	
"	0959		✓		" (6-8')	1	✓	✓	-06	
"	1018		✓		" (18-20')	1	✓	✓	-07	
"	1038		✓		" (20-22')	1	✓	✓	-08	
↓	1004		✓		BH-3 (10-12')	1			-09	HOLD * 9-27-4 see attached e-mail
↓	1010		✓		BH-3 (14-16')	1			-10	HOLD

SAMPLED BY: (Signature) Cindy Crain DATE: 9/24/04 TIME: 1038

RELINQUISHED BY: (Signature) Cindy Crain DATE: 9/24/04 TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: Env. Lab of Texas
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Roland K to
DATE: 9-24-04 TIME: 1730

SAMPLE CONDITION WHEN RECEIVED: Rec 4.0°C

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #5

Project Number: 0-0100-05

Location: None Given

Lab Order Number: 5A12006

Report Date: 01/17/05

Larson & Associates, Inc.	Project: Dynegy Site #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-05	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	01/17/05 17:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	5A12006-01	Soil	01/11/05 11:15	01/12/05 10:32
SS-2	5A12006-02	Soil	01/11/05 11:21	01/12/05 10:32
SS-3	5A12006-03	Soil	01/11/05 11:28	01/12/05 10:32
SS-4	5A12006-04	Soil	01/11/05 11:35	01/12/05 10:32
SS-5	5A12006-05	Soil	01/11/05 11:48	01/12/05 10:32
SS-6	5A12006-06	Soil	01/11/05 12:01	01/12/05 10:32
SS-7	5A12006-07	Soil	01/11/05 12:32	01/12/05 10:32

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (5A12006-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*109 %*	*70-130*		"	"	"	"	
SS-2 (5A12006-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*107 %*	*70-130*		"	"	"	"	
SS-3 (5A12006-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*94.2 %*	*70-130*		"	"	"	"	
SS-4 (5A12006-04) Soil									
Gasoline Range Organics C6-C12	**J [7.21]**	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**64.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**64.9**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*113 %*	*70-130*		"	"	"	"	
SS-5 (5A12006-05) Soil									
Gasoline Range Organics C6-C12	**160**	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	**674**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**834**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*129 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (5A12006-06) Soil									
Gasoline Range Organics C6-C12	**55.4**	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	**161**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**216**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*123 %*	*70-130*		"	"	"	"	
SS-7 (5A12006-07) Soil									
Gasoline Range Organics C6-C12	**34.9**	10.0	mg/kg dry	1	EA51108	01/12/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	**71.4**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**106**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.2 %*	*70-130*		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (5A12006-01) Soil									
% Moisture	**13.1**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-2 (5A12006-02) Soil									
% Moisture	**7.3**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-3 (5A12006-03) Soil									
% Moisture	**6.1**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-4 (5A12006-04) Soil									
% Moisture	**5.7**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-5 (5A12006-05) Soil									
% Moisture	**3.9**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-6 (5A12006-06) Soil									
% Moisture	**10.1**		%	1	EA51314	01/13/05	01/14/05	% calculation	
SS-7 (5A12006-07) Soil									
% Moisture	**7.0**		%	1	EA51314	01/13/05	01/14/05	% calculation	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA51108 - Solvent Extraction (GC)										
Blank (EA51108-BLK1)				Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*45.2*		*mg/kg*	*50.0*		*90.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.0*		*"*	*50.0*		*80.0*	*70-130*			
Blank (EA51108-BLK2)				Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*44.7*		*mg/kg*	*50.0*		*89.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.6*		*"*	*50.0*		*89.2*	*70-130*			
LCS (EA51108-BS1)				Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	476	10.0	mg/kg wet	500		95.2	75-125			
Diesel Range Organics >C12-C35	452	10.0	"	500		90.4	75-125			
Total Hydrocarbon C6-C35	928	10.0	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	*45.3*		*mg/kg*	*50.0*		*90.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		*"*	*50.0*		*72.4*	*70-130*			
LCS (EA51108-BS2)				Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	507	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	952	10.0	"	1000		95.2	75-125			
Surrogate: 1-Chlorooctane	*52.7*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.6*		*"*	*50.0*		*89.2*	*70-130*			
Calibration Check (EA51108-CCV1)				Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	454		mg/kg	500		90.8	80-120			
Diesel Range Organics >C12-C35	525		"	500		105	80-120			
Total Hydrocarbon C6-C35	979		"	1000		97.9	80-120			
Surrogate: 1-Chlorooctane	*46.7*		*"*	*50.0*		*93.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.7*		*"*	*50.0*		*89.4*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA51108 - Solvent Extraction (GC)										
Calibration Check (EA51108-CCV2)				Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	474		mg/kg	500		94.8	80-120			
Diesel Range Organics >C12-C35	488		"	500		97.6	80-120			
Total Hydrocarbon C6-C35	962		"	1000		96.2	80-120			
Surrogate: 1-Chlorooctane	*52.8*		"	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		"	*50.0*		*92.0*	*70-130*			
Matrix Spike (EA51108-MS1)		**Source: 5A10012-13**		Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	555	10.0	mg/kg dry	571	ND	97.2	75-125			
Diesel Range Organics >C12-C35	612	10.0	"	571	ND	107	75-125			
Total Hydrocarbon C6-C35	1170	10.0	"	1140	ND	103	75-125			
Surrogate: 1-Chlorooctane	*50.6*		*mg/kg*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		"	*50.0*		*99.6*	*70-130*			
Matrix Spike (EA51108-MS2)		**Source: 5A10012-21**		Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	514	10.0	mg/kg dry	554	ND	92.8	75-125			
Diesel Range Organics >C12-C35	562	10.0	"	554	ND	101	75-125			
Total Hydrocarbon C6-C35	1080	10.0	"	1110	ND	97.3	75-125			
Surrogate: 1-Chlorooctane	*58.6*		*mg/kg*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*63.0*		"	*50.0*		*126*	*70-130*			
Matrix Spike Dup (EA51108-MSD1)		**Source: 5A10012-13**		Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	526	10.0	mg/kg dry	571	ND	92.1	75-125	5.37	20	
Diesel Range Organics >C12-C35	614	10.0	"	571	ND	108	75-125	0.326	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1140	ND	100	75-125	2.60	20	
Surrogate: 1-Chlorooctane	*52.8*		*mg/kg*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.5*		"	*50.0*		*99.0*	*70-130*			
Matrix Spike Dup (EA51108-MSD2)		**Source: 5A10012-21**		Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	515	10.0	mg/kg dry	554	ND	93.0	75-125	0.194	20	
Diesel Range Organics >C12-C35	534	10.0	"	554	ND	96.4	75-125	5.11	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1110	ND	94.6	75-125	2.82	20	
Surrogate: 1-Chlorooctane	*48.1*		*mg/kg*	*50.0*		*96.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.5*		"	*50.0*		*91.0*	*70-130*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA51314 - General Preparation (Prep)										
Blank (EA51314-BLK1)				Prepared: 01/13/05 Analyzed: 01/14/05						
% Moisture	0.003		%							
Duplicate (EA51314-DUP1)		**Source: 5A12006-01**		Prepared: 01/13/05 Analyzed: 01/14/05						
% Moisture	11.0		%		13.1			17.4	20	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 1-18-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

LA Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: Cindy Crain

PROJECT NO.: 0-0100-05

PROJECT NAME: Site #5

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/11/05	1115		✓		SS-1	1	✓	5A12006-01	
"	1121		✓		SS-2	1	✓	-02	
"	1128		✓		SS-3	1	✓	-03	
"	1135		✓		SS-4	1	✓	-04	
"	1148		✓		SS-5	1	✓	-05	
"	1201		✓		SS-6	1	✓	-06	
"	1232		✓		SS-7	1	✓	-07	

SAMPLED BY: (Signature) Cindy Crain
DATE: 1/11/05
TIME: 1232

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 1/12/05
TIME: 1032

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: Env. Lab of Tx
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: Tx ZIP: 79765
CONTACT: PHONE: 563-1800

RECEIVED BY: (Signature) Jeanne McMurrey
DATE: 01-12-05 TIME: 1032

SAMPLE CONDITION WHEN RECEIVED: 2.0°C 4oz glass on ice

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson + Associates

Date/Time: 01-12-05 @ 1032

Order #: 5A 12006

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	2.0 C
Shipping container/cooler in good condition?	Yes	No	N/A
Custody Seals intact on shipping container/cooler?	Yes	No	Not present N/A
Custody Seals intact on sample bottles?	Yes	No	(Not present)
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	Yes	No	No labels - written on lid
Container labels legible and intact?	Yes	No	No labels written on lid
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: -_____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #5

Project Number: 0-0100-05

Location: Site #5

Lab Order Number: 5B24002

Report Date: 02/25/05

Larson & Associates, Inc.	Project: Dynegy Site #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-05	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/25/05 11:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-8	5B24002-01	Soil	02/22/05 10:35	02/24/05 09:35
SS-9	5B24002-02	Soil	02/22/05 10:40	02/24/05 09:35
SS-10	5B24002-03	Soil	02/22/05 10:45	02/24/05 09:35

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-8 (5B24002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB52307	02/24/05	02/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*78.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.6 %*	*70-130*		"	"	"	"	
SS-9 (5B24002-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB52307	02/24/05	02/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*111 %*	*70-130*		"	"	"	"	
SS-10 (5B24002-03) Soil									
Gasoline Range Organics C6-C12	**J [7.02]**	10.0	mg/kg dry	1	EB52307	02/24/05	02/25/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**38.1**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**38.1**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*112 %*	*70-130*		"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Dynegy Site #5
Project Number: 0-0100-05
Project Manager: Cindy Crain

Fax: (432) 687-0456
Reported:
02/25/05 11:07

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-8 (5B24002-01) Soil									
Chloride	**23.1**	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	**12.3**	0.1	%	1	EB52504	02/24/05	02/25/05	% calculation	
SS-9 (5B24002-02) Soil									
Chloride	**17.1**	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	**16.2**	0.1	%	1	EB52504	02/24/05	02/25/05	% calculation	
SS-10 (5B24002-03) Soil									
Chloride	**40.4**	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	EB52504	02/24/05	02/25/05	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB52307 - Solvent Extraction (GC)										
Blank (EB52307-BLK1)				Prepared: 02/23/05 Analyzed: 02/24/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*44.9*		*mg/kg*	*50.0*		*89.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.1*		*"*	*50.0*		*82.2*	*70-130*			
LCS (EB52307-BS1)				Prepared: 02/23/05 Analyzed: 02/24/05						
Gasoline Range Organics C6-C12	453	10.0	mg/kg wet	500		90.6	75-125			
Diesel Range Organics >C12-C35	460	10.0	"	500		92.0	75-125			
Total Hydrocarbon C6-C35	913	10.0	"	1000		91.3	75-125			
Surrogate: 1-Chlorooctane	*46.7*		*mg/kg*	*50.0*		*93.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.7*		*"*	*50.0*		*73.4*	*70-130*			
Calibration Check (EB52307-CCV1)				Prepared: 02/23/05 Analyzed: 02/24/05						
Gasoline Range Organics C6-C12	509		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	565		"	500		113	80-120			
Total Hydrocarbon C6-C35	1070		"	1000		107	80-120			
Surrogate: 1-Chlorooctane	*48.6*		*"*	*50.0*		*97.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.8*		*"*	*50.0*		*95.6*	*70-130*			
Matrix Spike (EB52307-MS1)	**Source: 5B23007-03**			Prepared: 02/23/05 Analyzed: 02/24/05						
Gasoline Range Organics C6-C12	530	10.0	mg/kg dry	602	ND	88.0	75-125			
Diesel Range Organics >C12-C35	579	10.0	"	602	ND	96.2	75-125			
Total Hydrocarbon C6-C35	1110	10.0	"	1200	ND	92.5	75-125			
Surrogate: 1-Chlorooctane	*37.3*		*mg/kg*	*50.0*		*74.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.3*		*"*	*50.0*		*78.6*	*70-130*			
Matrix Spike Dup (EB52307-MSD1)	**Source: 5B23007-03**			Prepared: 02/23/05 Analyzed: 02/24/05						
Gasoline Range Organics C6-C12	516	10.0	mg/kg dry	602	ND	85.7	75-125	2.68	20	
Diesel Range Organics >C12-C35	600	10.0	"	602	ND	99.7	75-125	3.56	20	
Total Hydrocarbon C6-C35	1120	10.0	"	1200	ND	93.3	75-125	0.897	20	
Surrogate: 1-Chlorooctane	*41.4*		*mg/kg*	*50.0*		*82.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.0*		*"*	*50.0*		*76.0*	*70-130*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB52503 - Water Extraction										
Blank (EB52503-BLK1)				Prepared & Analyzed: 02/24/05						
Chloride	ND	0.500	mg/kg							
Blank (EB52503-BLK2)				Prepared & Analyzed: 02/24/05						
Chloride	ND	0.500	mg/kg							
LCS (EB52503-BS1)				Prepared & Analyzed: 02/24/05						
Chloride	10.3		mg/L	10.0		103	80-120			
LCS (EB52503-BS2)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Calibration Check (EB52503-CCV1)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Calibration Check (EB52503-CCV2)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Duplicate (EB52503-DUP1)		**Source: 5B22006-01**		Prepared & Analyzed: 02/24/05						
Chloride	35.3	5.00	mg/kg		42.2			17.8	20	
Duplicate (EB52503-DUP2)		**Source: 5B24002-02**		Prepared & Analyzed: 02/24/05						
Chloride	17.2	5.00	mg/kg		17.1			0.583	20	
Batch EB52504 - General Preparation (Prep)										
Blank (EB52504-BLK1)				Prepared: 02/24/05 Analyzed: 02/25/05						
% Moisture	ND	0.1	%							

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB52504 - General Preparation (Prep)										
Duplicate (EB52504-DUP1)	**Source: 5B24002-01**			Prepared: 02/24/05 Analyzed: 02/25/05						
% Moisture	13.0	0.1	%		12.3			5.53	20	

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 2-25-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: Cindy Crain

PROJECT NO.: 0-0100-05

PROJECT NAME: Site #5

PAGE 1 OF 1

LAB. PO # 5B24002-

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	PARAMETERS/METHOD NUMBER: Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
2/22/05	1035		✓		SS-8 -01	1	✓	✓		
"	1040		✓		SS-9 -02	1	✓	✓		
"	1045		✓		SS-10 -03	1	✓	✓		

SAMPLED BY: (Signature) Cindy Crain
DATE: 2/22/05
TIME: 1045

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 2/24/05
TIME: 0930

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: Environmental Lab of TX
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Carrie Kelly
DATE: 2/24/05 TIME: 9:35

SAMPLE CONDITION WHEN RECEIVED:
0.0°c 4oz jars

LA CONTACT PERSON:
C. Crain

SAMPLE TYPE:
Soil

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson & Assoc.

Date/Time: 2/24/05 9:35

Order #: 5B24002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.0 C
Shipping container/cooler in good condition?	~~Yes~~	No	
Custody Seals intact on shipping container/cooler?	Yes	No	~~Not present~~
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	~~Yes~~	No	
Sample Instructions complete on Chain of Custody?	~~Yes~~	No	
Chain of Custody signed when relinquished and received?	~~Yes~~	No	
Chain of custody agrees with sample label(s) no label	~~Yes~~	No	written on lid
Container labels legible and intact?	~~Yes~~	No	n/a
Sample Matrix and properties same as on chain of custody?	~~Yes~~	No	
Samples in proper container/bottle?	~~Yes~~	No	
Samples properly preserved?	~~Yes~~	No	
Sample bottles intact?	~~Yes~~	No	
Preservations documented on Chain of Custody?	~~Yes~~	No	
Containers documented on Chain of Custody?	~~Yes~~	No	
Sufficient sample amount for indicated test?	~~Yes~~	No	
All samples received within sufficient hold time?	~~Yes~~	No	
VOC samples have zero headspace?	~~Yes~~	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

Larson & Associates, Inc.
Environmental Consultants

January 30, 2004

Mr. Paul Sheeley
New Mexico Oil Conservation Division – District I
1625 North French Drive
Hobbs, New Mexico 88240

Re: Pipeline Spill Investigation Report, Dynegy Midstream Services. L.P., Unit Letter I (NE/4, SE/4), Section 24, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Sheeley:

Dynegy Midstream Services, L.P. (Dynegy) has retained Larson and Associates Inc. (LA) to investigate potential impacts to soil from a historic natural gas liquids spill that occurred from a pipeline leak in the northeast quarter (NE/4) of the southeast quarter (SE/4), Section 24, Township 22 South, Range 37 East, Lea County, New Mexico (Site #05). The spill did not involve a reportable quantity of gas or liquid. A Release Notification and Corrective Action form (C-141) was filed only at the request of the New Mexico Oil Conservation Division (NMOCD). The leak was repaired. Figure 1 presents a site location and topographic map. Appendix A presents a copy of the form C-141.

Current Investigation

On August 21, 2003, LA personnel collected soil samples at Site #05 by hand auger methods. The hand auger soil samples were collected using a stainless steel hand auger that was thoroughly cleaned between sample events using potable water and laboratory-grade detergent, and rinsed with distilled water. Hand auger samples were collected at one-foot intervals, from the surface to a depth of eight (8) feet below ground surface (bgs). Caliche was encountered at a depth of approximately eight (8) feet bgs, preventing advancement of the hand auger.

The soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain of custody control to Environmental Lab of Texas I, Ltd. (ELOT), located in Odessa, Texas. A duplicate of each sample was collected for headspace analysis. The clean glass headspace jars were filled approximately ¾ full, and covered with a layer of aluminum foil before the cap was replaced. The headspace samples were set aside and allowed to warm up to ambient temperature before a FAE Instruments, Model 2000 photoionization detector (PID) was used to measure the concentration of organic vapors in the sample headspace. After calibrating the instrument to 99.9 parts per million (ppm), the PID probe was inserted into the headspace of the sample jars (through the aluminum foil), and the concentration of organic vapors was displayed by the instrument in ppm. Table 1 presents the PID readings.

The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method SW-846-8015, including gasoline range (GRO) and diesel range organics (DRO), and chloride by EPA method SW-846-9253. Table 1 presents a summary of the laboratory results. Figure 2 shows the hand auger boring location. Appendix B presents the laboratory analyses and chain of custody documentation. Appendix C presents photographs.

Based on published literature (1961) and well records of the New Mexico State Engineer, groundwater occurs at a depth of approximately 146 feet bgs. No domestic wells were observed within ½ mile of the site. The NMOCD has established soil remediation action levels (RRALs) for benzene, total BTEX (sum of benzene, toluene, ethylbenzene and xylene), and TPH resulting from spills of natural gas liquids ("Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993").

The following RRALs have been assigned based on NMOCD criteria:

Benzene	**10 mg/kg**
Total BTEX	**50 mg/kg**
TPH	**5000 mg/kg**

Referring to Table 1, concentrations of TPH exceeded the RRAL in the samples from 5-6 feet bgs (41,100 mg/kg) and from 7-8 feet bgs(12,070 mg/kg). Chloride concentrations were below the test method detection limit in all samples from soil boring HB-1. The samples were not analyzed for BTEX since the PID readings were below 100 ppm. The NMOCD allows a PID of less than 100 ppm to substitute for a BTEX laboratory analysis.

From September 2, 2003 through September 17, 2003, excavation of impacted soil occurred at Site #05. Soil samples were collected on September 2, 3, 12 and 17, from the sides and bottom of the excavation, and submitted to ELOT for laboratory analysis. The soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain of custody control to ELOT. Duplicate samples were collected for headspace analysis, as described above. Soil samples were analyzed for TPH by EPA method SW-846-8015, for BTEX by EPA method SW-846-8021B, and for chlorides by EPA method SW-846-9253. Table 2 presents a summary of the laboratory analysis of soil from the excavation, and PID readings. Figure 2 shows the sample locations and TPH concentrations. Appendix B presents laboratory data and chain of custody documentation. Appendix C presents photographs.

Referring to Table 2, the soil sample from the southeast wall (SS-1) collected on September 2, 2003, and the samples collected on September 3, 2003 from the bottom of the excavation (SS-7 and SS-8), showed TPH concentrations above the RRAL (10,860 mg/kg, 15,080 mg/kg and 16,720 mg/kg, respectively). All other samples collected from September 2 through September 17, 2003, showed TPH concentrations below the RRAL. Benzene concentrations were below the RRAL in all soil

samples except sample SS-7 (11.1 mg/kg) collected from the bottom of the excavation, at a depth of approximately 16 feet bgs. Total BTEX concentrations were below the RRAL in all soil samples except samples SS-7 (150.6 mg/kg) and SS-8 (93.7 mg/kg), also collected from the bottom of the excavation, at a depth of approximately eighteen (18) feet bgs. The only sample to show a detectable concentration of chloride was sample SS-2 (35.4 mg/kg), collected from the southwest wall of the excavation. The NMOCD does not have an RRAL for chloride.

On September 24 and October 1, 2003, final confirmation samples were collected along the side walls of the Site #05 excavation, following NMOCD notification of sampling activities. Soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest and delivered to ELOT under chain of custody control. A duplicate of each sample was collected for headspace analysis, as described above. Soil samples were analyzed for TPH and chlorides. Table 2 presents a summary of laboratory analyses of soil from the excavation, and PID readings. Figure 3 shows the sample locations and TPH concentrations. Appendix B presents laboratory data and chain of custody documentation. Appendix C presents photographs.

Referring to Table 2, all soil samples collected on November 25, 2003, showed TPH concentrations below the RRAL. The only detectable chloride concentration was shown in sample SS-19 (177 mg/kg), collected from the west wall at a depth of approximately seven (7) feet bgs. All PID readings were below 100 ppm, except the reading from sample SS-26 (109.7 ppm). Sample SS-26 was also analyzed for BTEX. Concentrations of benzene and BTEX in sample SS-26 were below the RRALs.

Soil from the excavation was placed adjacent to the hole, and blended to reduce the TPH level below the RRAL. On September 17, 2003, a grab sample was obtained from the blended soil, and is presented as "Fill-1" in Table 2. As TPH, benzene, Total BTEX and chloride concentrations from all final samples collected at Site #05 were below the RRALs, the excavation was filled with blended soil.

Dynegy requests that Site # 05 be closed. Please call Mr. Cal Wrangham with Dynegy (432) 688-0555 or myself at (915) 687-0901 if you have any questions.

Sincerely,
Larson & Associates, Inc.

Cindy K. Crain

Cindy K. Crain, CPG

Encl.
cc: Mr. Dave Harris - Dynegy
Mr. Cal Wrangham – Dynegy
Mr. Roger Holland- Dynegy

TABLES

Table 1:
Summary of Headspace and Laboratory Analyses of Soil Samples from Auger Boring
Dynegy Midstream Services, L.P., Spill Site #05
NE/4,SE/4, Section 24, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Date	Soil Boring	Sample Depth (Feet bgs)	GRO C6-C12 (mg/kg)	DRO >C12-C35 (mg/kg)	TPH C6-C35 (mg/kg)	Chloride (mg/kg)	PID (ppm)
RRAL					**5000**		
8/21/2003	HB-1	5-6	10,000	31,100	41,100	<20.0	1.6
		6-7	<10.0	89.3	89.3	<20.0	73.8
		7-8	3,610	8,460	12,070	<20.0	76.3

Notes: Analysis performed by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million

Table 2: Summary of Headspace and Laboratory Analyses of Soil Samples
Dynegy Midstream Services, L.P., Spill Site #05
NE/4,SE/4, Section 24, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Date	Sample No.	Sample Location	Sample Depth (Feet bgs)	GRO C6-C12 (mg/kg)	DRO >C12-C35 (mg/kg)	TPH C6-C35 (mg/kg)	Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	PID (ppm)
RRAL						**5000**		**10**	**50**	
9/2/2003	SS-1	Southeast Wall	9	2,740	8,120	10,860	<20.0	1.22	30.66	185.8
	SS-2	Southwest Wall	9	388	1,200	1,588	35.4	0.369	24.42	200.5
9/3/2003	SS-7	Midwest Bottom	16	4,480	10,600	15,080	<20.0	11.1	150.6	85.3
	SS-8	Mideast Bottom	15.5	4,520	12,200	16,720	<20.0	6.2	93.7	76.1
9/12/2003	SS-9 (W)	Midwest Bottom	18.5	353	1,160	1,513	<20.0	1.19	20.07	71.5
	SS-10 (E)	Mideast Bottom	18	775	2,840	3,615	<20.0	0.934	44.97	108.3
9/17/2003	SS-11	Bottom	18	902	2,910	3,812	<20.0	2.22	31.16	138.3
	SS-12	Bottom	18	<10.0	71.0	71.0	<20.0	<0.025	0.098	40.1
	SS-13	West Wall	13	<10.0	<10.0	<20.0	<20.0	<0.025	0.026	2.2
	SS-14	East Wall	13	<10.0	16.1	16.1	<20.0	<0.025	<0.125	5.3
	SS-15	North Wall	13	<10.0	219	219	<20.0	<0.025	<0.125	36.2
	SS-16	South Wall	13	<10.0	<10.0	<20.0	<20.0	<0.025	<0.125	7.3
	Fill-1	----	backfill	522	2500	3022	<20.0	0.291	17.04	63.7
9/25/2003	SS-17	South Wall	7	<10.0	17.1	17.1	<20.0	--	--	0.1
	SS-18	South Wall	7	<10.0	<10.0	<20.0	<20.0	--	--	0.3
	SS-19	West Wall	7	<10.0	44	44	177	--	--	1.3
	SS-20	West Wall	7	<10.0	30.7	30.7	<20.0	--	--	1.2
	SS-21	North Wall	7	85.2	2,020	2,105.2	<20.0	--	--	0.7
	SS-22	North Wall	7	16.3	269	285.3	<20.0	--	--	0.4
	SS-23	East Wall	7	35.7	1,020	1,056.7	<20.0	--	--	2.1
	SS-24	East Wall	7	<10.0	28.9	28.9	<20.0	--	--	2.7
10/1/2003	SS-25	North Wall	7	<10.0	<10.0	<20.0	<20.0	--	--	24.3
	SS-26	South Wall	7	984	3,590	4,574	<20.0	0.071	9.34	109.7

Notes: Analysis performed by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million

FIGURES

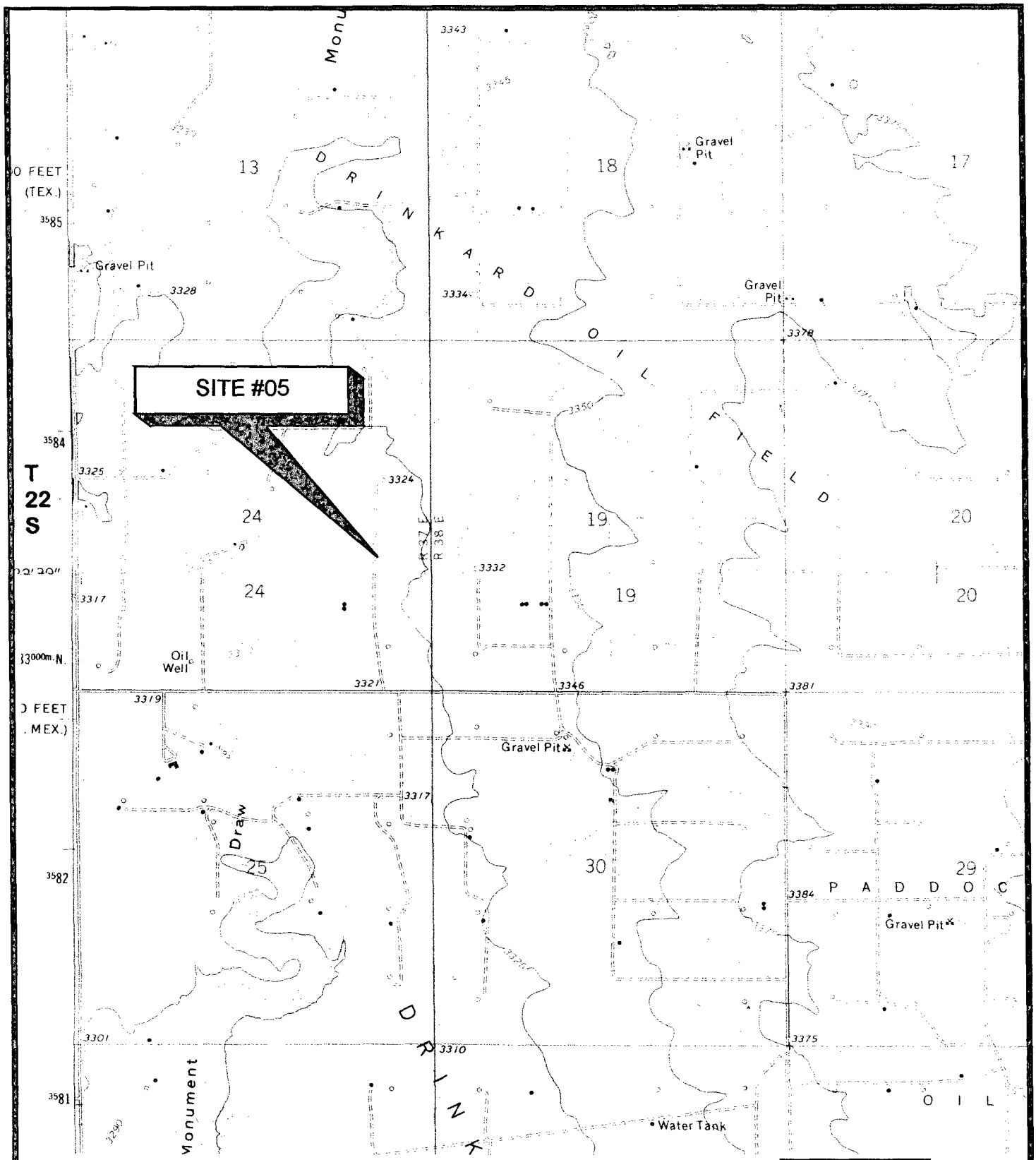


FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #05

NE/4, SE/4, SECTION 24, T-22-S, R-37-E

TOPOGRAPHIC MAP

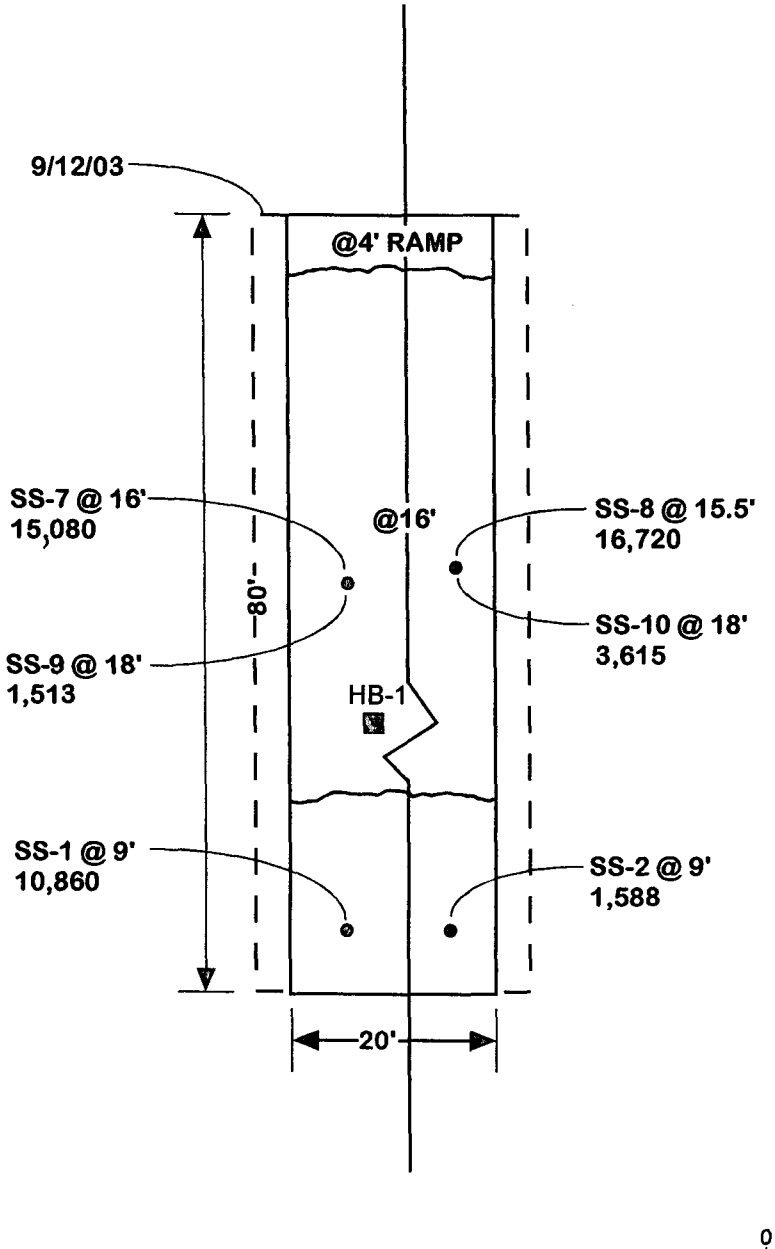
TAKEN FROM U.S.G.S.
EUNICE NE & EUNICE SE, TEX.- N. MEX. 1979
7.5' QUADRANGLES

N

SCALE: 1"=2000'

DATE: 8/21/03
NAME:
FILE: 0-0100-05

Larson & Associates, Inc.
Environmental Consultants



LEGEND

HB-1 ■ HAND AUGER SOIL BORING LOCATION (8/21/03)

SS-1 ● SAMPLE LOCATION

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #5

NE/4, SE/4, SECTION 24, T-22-S, R-37-E

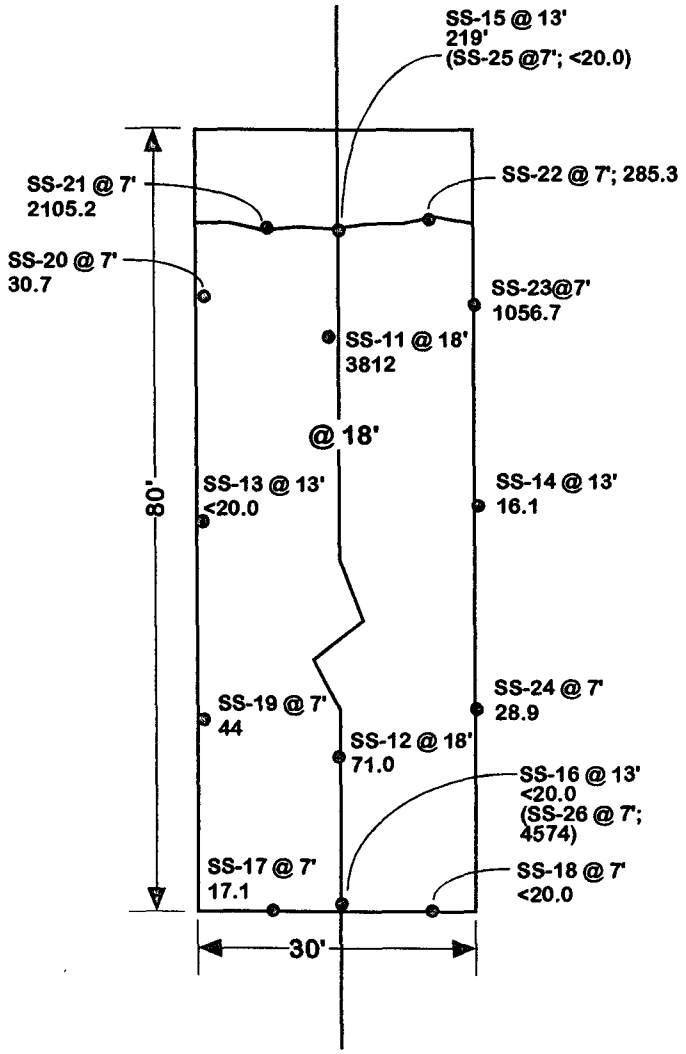
SAMPLE LOCATION
9/2//03, 9/3/03 & 9/12/03

DATE: 10/28/03

NAME:

FILE: 0-0100-5

Larson & Associates, Inc.
Environmental Consultants



LEGEND

SS-11
3812 — SAMPLE LOCATION, DEPTH and TPH CONCENTRATION (Mg/Kg)

0 20
SCALE in FEET

FIGURE #3

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #5

NE/4, SE/4, SECTION 24, T-22-S, R-37-E

SAMPLE LOCATIONS
9/17/03 & 9/25/03, 10/1/03

DATE: 10/28/03
NAME:
FILE: 0-0100-5

Larson & Associates, Inc.
Environmental Consultants

APPENDIX A

Release Notification and Corrective Action Form (C-141)

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 June 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 Dynegy Midstream Services, L.P.	Contact Dave Harris
Address PO Box 1909 Eunice, NM 88231	Telephone No. (505) 631-7069
Facility Name Eunice Plant Gathering System	Facility Type Gas Plant Low Pressure Gathering Lines

Surface Owner J.L. Murcy & Pat Sims	Mineral Owner	Lease No.

LA Project # 0-0100-05

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	24	22S	37E					Lea

NATURE OF RELEASE

Type of Release Natural Gas Condensate	Volume of Release ? unknown Volume Recovered None
Source of Release Pipeline Leak	Date and Hour of Occurrence Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?
By Whom?	Date and Hour
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Pipeline leak due to interior and exterior corrosion. Will excavate impacted soil.

Describe Area Affected and Cleanup Action Taken.*

Some staining along pipeline right of way. Will clean up per NMOCD guidelines and submit documentation to district office.

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:	OIL CONSERVATION DIVISION
Printed Name: Cal Wrangham	Approved by District Supervisor:
Title: ES+H Advisor	Approval Date: / Expiration Date:
E-mail Address: cwwr@dynegy.com	Conditions of Approval: / Attached ☐
Date: 8/21/03 Phone: (432)688-0542	

* Attach Additional Sheets If Necessary

APPENDIX B

Laboratory Reports

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project:	Dynegy
PO#:	
Order#:	G0307285
Report Date:	08/25/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307285
Project: 0-0100-05
Project Name: Dynegy
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307285-01	0-0100-05 (5-6')	SOIL	8/21/03 8:30	8/21/03 17:30	4 oz glass	ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0307285-02	0-0100-05 (6-7')	SOIL	8/21/03 8:45	8/21/03 17:30	4 oz glass	ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0307285-03	0-0100-05 (7-8')	SOIL	8/21/03 8:50	8/21/03 17:30	4 oz glass	ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307285
Project: 0-0100-05
Project Name: Dynegy
Location: None Given

Lab ID: 0307285-01
Sample ID: 0-0100-05 (5-6')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/23/03	1	10	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**10000**	100
DRO, >C12-C35	**31100**	100
TOTAL, C6-C35	**41100**	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**46%**	**70**	**130**
1-Chlorooctadecane	**24%**	**70**	**130**

Lab ID: 0307285-02
Sample ID: 0-0100-05 (6-7')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/23/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**89.3**	10.0
TOTAL, C6-C35	**89.3**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**108%**	**70**	**130**
1-Chlorooctadecane	**128%**	**70**	**130**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307285
Project: 0-0100-05
Project Name: Dynegy
Location: None Given

Lab ID: 0307285-03
Sample ID: 0-0100-05 (7-8')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/23/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**3,610**	10.0
DRO, >C12-C35	**8,460**	10.0
TOTAL, C6-C35	**12,070**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**198%**	**70**	**130**
1-Chlorooctadecane	**82%**	**70**	**130**

Approval: Celey D. Keene 08/25/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307285
Project: 0-0100-05
Project Name: Dynegy
Location: None Given

Lab ID: 0307285-01
Sample ID: 0-0100-05 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	< 20.0	mg/kg	1	20.0	9253	8/25/03	SB

Lab ID: 0307285-02
Sample ID: 0-0100-05 (6-7')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	< 20.0	mg/kg	1	20.0	9253	8/25/03	SB

Lab ID: 0307285-03
Sample ID: 0-0100-05 (7-8')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	< 20.0	mg/kg	1	20.0	9253	8/25/03	SB

Approval: Celey D. Keene 08/25/03
Date

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307285

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006605-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006605-03		952	964	101.3%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006605-04		952	979	102.8%	1.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006605-05		1000	942	94.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307285

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006608-01			< 20		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307280-01	0	500	478	95.6%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307280-01	0	500	496	99.2%	3.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006608-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: **G0307285**

Project: **Dynegy**

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
0-0100-05 (5-6')	0307285-01	SOIL	08/21/2003	08/21/2003
0-0100-05 (6-7')	0307285-02	SOIL	08/21/2003	08/21/2003
0-0100-05 (7-8')	0307285-03	SOIL	08/21/2003	08/21/2003

Surrogate recoveries on the 8015M TPH are outside of control limits due to dilution. (0307285-01)

Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference. (0307285-03)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: _____ Date: 08/25/03

Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202 • Midland, TX 79701
Fax: 915-687-0456
915-687-0901

CLIENT NAME: Dynegy

SITE MANAGER: J Stewart

PROJECT NO.: 0-0160-05

PROJECT NAME:

PAGE 2 OF

LAB. PO #

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH	PARAMETERS/METHOD NUMBER: Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	8/21	0850		✓		0-0160-05 (5-6)	1	✓	✓	0307285	
02	8/21	0845		✓		0-0160-05 (6-7)	1	✓	✓	3H22001	
03	8/21	0850		✓		0-0160-05 (7-8)	1	✓	✓		

SAMPLED BY: (Signature) DATE: 8/21/03 TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 8/21/03 TIME:

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY:
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Lynn Anderson
DATE: 8/21/03 TIME: 1730

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: Cindy Hess

SAMPLE TYPE: 4 oz glass 1.0°C

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project:	Dynegy #05
PO#:	
Order#:	G0307366
Report Date:	09/04/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307366
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307366-01	SS-1	SOIL	9/2/03 13:45	9/2/03 16:50	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.5 C		
0307366-02	SS-2	SOIL	9/2/03 13:47	9/2/03 16:50	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307366
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307366-01
Sample ID: SS-1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/3/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**2,740**	10.0
DRO, >C12-C35	**8,120**	10.0
TOTAL, C6-C35	**10,860**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**197%**	**70**	**130**
1-Chlorooctadecane	**120%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006685-02		9/3/03	1	50	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**1.22**	0.050
Toluene	**3.98**	0.050
Ethylbenzene	**4.57**	0.050
p/m-Xylene	**12.7**	0.050
o-Xylene	**8.19**	0.050

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**753%**	**80**	**120**
Bromofluorobenzene	**118%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307366
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307366-02
Sample ID: SS-2

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/3/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**388**	10.0
DRO, >C12-C35	**1,200**	10.0
TOTAL, C6-C35	**1,588**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**118%**	**70**	**130**
1-Chlorooctadecane	**130%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006685-02		9/3/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**0.369**	0.025
Toluene	**3.42**	0.025
Ethylbenzene	**5.39**	0.025
p/m-Xylene	**9.65**	0.025
o-Xylene	**5.59**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**450%**	**80**	**120**
Bromofluorobenzene	**109%**	**80**	**120**

Approval: Celey D. Keene 09/04/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART		Order#:	G0307366
LARSON AND ASSOCIATES, INC.		Project:	0-0100-05
P.O. BOX 50685		Project Name:	Dynegy #05
MIDLAND, TX 79710		Location:	None Given

Lab ID: 0307366-01
Sample ID: SS-1

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/4/03	CK

Lab ID: 0307366-02
Sample ID: SS-2

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	35.4	mg/kg	1	20	9253	9/4/03	CK

Approval: Celey D. Keene 09/04/03
Date

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307366

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006691-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006691-03		952	904	95.%	
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0307371-07	0	952	1082	113.7%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0307371-07	0	952	1075	112.9%	0.6%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006691-05		1000	1030	103.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307366

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0006685-02			<0.025		
Toluene-mg/kg	0006685-02			<0.025		
Ethylbenzene-mg/kg	0006685-02			<0.025		
p/m-Xylene-mg/kg	0006685-02			<0.025		
o-Xylene-mg/kg	0006685-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307363-01	0	0.1	0.090	90.%	
Toluene-mg/kg	0307363-01	0	0.1	0.090	90.%	
Ethylbenzene-mg/kg	0307363-01	0	0.1	0.093	93.%	
p/m-Xylene-mg/kg	0307363-01	0	0.2	0.187	93.5%	
o-Xylene-mg/kg	0307363-01	0	0.1	0.092	92.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307363-01	0	0.1	0.094	94.%	4.3%
Toluene-mg/kg	0307363-01	0	0.1	0.094	94.%	4.3%
Ethylbenzene-mg/kg	0307363-01	0	0.1	0.096	96.%	3.2%
p/m-Xylene-mg/kg	0307363-01	0	0.2	0.193	96.5%	3.2%
o-Xylene-mg/kg	0307363-01	0	0.1	0.093	93.%	1.1%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006685-05		0.1	0.091	91.%	
Toluene-mg/kg	0006685-05		0.1	0.090	90.%	
Ethylbenzene-mg/kg	0006685-05		0.1	0.090	90.%	
p/m-Xylene-mg/kg	0006685-05		0.2	0.182	91.%	
o-Xylene-mg/kg	0006685-05		0.1	0.090	90.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307366

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006696-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307366-01	0	500	502	100.4%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307366-01	0	500	517	103.4%	2.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006696-04		5000	5050	101.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: **G0307366**

Project: **Dynegy #05**

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-1	0307366-01	SOIL	09/02/2003	09/02/2003
SS-2	0307366-02	SOIL	09/02/2003	09/02/2003

Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference. (G0307366-01)

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference (0307366-01,02).

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Date: 09/04/03

Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 915-687-0456
915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: John Stewart

PROJECT NO.: 0-0100-05

PROJECT NAME: #05

PAGE 1 OF 1

LAB. PO #

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015m	Chlorides	BTEX	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	9/2/03	1:45		✓		SS-1	1	✓	✓	✓	0307366	
02	"	1:47		✓		SS-2	1	✓	✓	✓		

SAMPLED BY: (Signature) John Stewart — DATE: 9/2 TIME: ~

RELINQUISHED BY: (Signature) — DATE: — TIME:

RECEIVED BY: (Signature) — DATE: — TIME:

RELINQUISHED BY: (Signature) John Stewart — DATE: 9/2 TIME: 4:50

RECEIVED BY: (Signature) Glynn Anderson — DATE: 9/2/03 TIME: 1650

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY:
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: TIME:

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: 2.5°C 4 oz glass

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Dynegy #05

PO#:

Order#: G0307373

Report Date:

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307373
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307373-01	SS-7	SOIL	9/3/03 14:45	9/3/03 16:48	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 12.5 C		
0307373-02	SS-8	SOIL	9/3/03 14:47	9/3/03 16:48	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 12.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307373
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307373-01
Sample ID: SS-7

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/3/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**4,480**	50.0
DRO, >C12-C35	**10,600**	50.0
TOTAL, C6-C35	**15,080**	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**29%**	**70**	**130**
1-Chlorooctadecane	**20%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006700-02		9/3/03	1	50	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**11.1**	0.050
Toluene	**42.1**	0.050
Ethylbenzene	**25.4**	0.050
p/m-Xylene	**52.1**	0.050
o-Xylene	**19.9**	0.050

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**1360%**	**80**	**120**
Bromofluorobenzene	**91%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307373
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307373-02
Sample ID: SS-8

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/3/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**4,520**	50.0
DRO, >C12-C35	**12,200**	50.0
TOTAL, C6-C35	**16,720**	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**32%**	**70**	**130**
1-Chlorooctadecane	**23%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006700-02		9/3/03	1	50	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**6.20**	0.050
Toluene	**14.6**	0.050
Ethylbenzene	**22.2**	0.050
p/m-Xylene	**34.5**	0.050
o-Xylene	**16.2**	0.050

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**1080%**	**80**	**120**
Bromofluorobenzene	**97%**	**80**	**120**

Approval: Raland K Tuttle 9-08-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307373
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307373-01
Sample ID: SS-7

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/4/03	CK

Lab ID: 0307373-02
Sample ID: SS-8

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/4/03	CK

Approval: Raland K Tuttle 9-08-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307373

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006691-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006691-03		952	904	95.%	
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0307371-07	0	952	1082	113.7%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0307371-07	0	952	1075	112.9%	0.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006691-05		1000	1030	103.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307373

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0006700-02			<0.025		
Toluene-mg/kg	0006700-02			<0.025		
Ethylbenzene-mg/kg	0006700-02			<0.025		
p/m-Xylene-mg/kg	0006700-02			<0.025		
o-Xylene-mg/kg	0006700-02			<0.025		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006700-03		0.1	0.094	94.%	
Toluene-mg/kg	0006700-03		0.1	0.094	94.%	
Ethylbenzene-mg/kg	0006700-03		0.1	0.096	96.%	
p/m-Xylene-mg/kg	0006700-03		0.2	0.193	96.5%	
o-Xylene-mg/kg	0006700-03		0.1	0.093	93.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006700-04		0.1	0.090	90.%	4.3%
Toluene-mg/kg	0006700-04		0.1	0.090	90.%	4.3%
Ethylbenzene-mg/kg	0006700-04		0.1	0.093	93.%	3.2%
p/m-Xylene-mg/kg	0006700-04		0.2	0.187	93.5%	3.2%
o-Xylene-mg/kg	0006700-04		0.1	0.092	92.%	1.1%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006700-05		0.1	0.087	87.%	
Toluene-mg/kg	0006700-05		0.1	0.088	88.%	
Ethylbenzene-mg/kg	0006700-05		0.1	0.089	89.%	
p/m-Xylene-mg/kg	0006700-05		0.2	0.180	90.%	
o-Xylene-mg/kg	0006700-05		0.1	0.087	87.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307373

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006696-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307366-01	0	500	502	100.4%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307366-01	0	500	517	103.4%	2.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006696-04		5000	5050	101.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: **G0307373**

Project: **Dynegy #05**

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-7	0307373-01	SOIL	09/03/2003	09/03/2003
SS-8	0307373-02	SOIL	09/03/2003	09/03/2003

Surrogate recoveries on 8015M TPH are outside of control limits due to dilution (G0307373-01&02).

Surrogate recoveries on the BTEX are outside control limits due to matrix interference. (0307373-01, 02)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Kalan A Judd Date: 9-08-03

Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 915-687-0456
915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: John Stewart

PROJECT NO.: 0100-05

PROJECT NAME: #05

PAGE 1 OF 1

LAB. PO #

PARAMETERS/METHOD NUMBER: TPH 8015 STW; Chlorides; BTEX

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	9/3	2:45		X		SS-7	1	0307373	
02	"	2:47		X		SS-8	1		

SAMPLED BY: (Signature) John Stewart DATE: 9/3 TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) John Stewart DATE: 9/3 TIME: 445

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY:
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Tara Anderson
DATE: 9/3/03 TIME: 1648

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: 4oz glass 12.5°C

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project:	Dynegy Site #05
PO#:	
Order#:	G0307441
Report Date:	09/15/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307441
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307441-01	SS-9 (W)	SOIL	9/12/03 12:25	9/12/03 14:07	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 5.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0307441-02	SS-10 (E)	SOIL	9/12/03 12:27	9/12/03 14:07	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 5.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307441
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307441-01
Sample ID: SS-9 (W)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/12/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**353**	10.0
DRO, >C12-C35	**1,160**	10.0
TOTAL, C6-C35	**1,513**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**105%**	**70**	**130**
1-Chlorooctadecane	**91%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006805-02		9/14/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	**1.19**	0.025
Toluene	**3.32**	0.025
Ethylbenzene	**3.58**	0.025
p/m-Xylene	**7.07**	0.025
o-Xylene	**4.91**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**806%**	**80**	**120**
Bromofluorobenzene	**127%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307441
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307441-02
Sample ID: SS-10 (E)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/12/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**775**	10.0
DRO, >C12-C35	**2,840**	10.0
TOTAL, C6-C35	**3,615**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**119%**	**70**	**130**
1-Chlorooctadecane	**110%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006805-02		9/14/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	**0.934**	0.025
Toluene	**8.56**	0.025
Ethylbenzene	**8.79**	0.025
p/m-Xylene	**18.4**	0.025
o-Xylene	**8.29**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**633%**	**80**	**120**
Bromofluorobenzene	**111%**	**80**	**120**

Approval: Raland K Tuttle 9-15-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307441
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307441-01
Sample ID: SS-9 (W)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/15/03	SB

Lab ID: 0307441-02
Sample ID: SS-10 (E)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/15/03	SB

Approval: Raland K Tuttle 9-15-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit **N/A = Not Applicable**

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307441

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006806-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006806-03		952	1051	110.4%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006806-04		952	890	93.5%	16.6%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006806-05		1000	822	82.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307441

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0006805-02			<0.025		
Toluene-mg/kg	0006805-02			<0.025		
Ethylbenzene-mg/kg	0006805-02			<0.025		
p/m-Xylene-mg/kg	0006805-02			<0.025		
o-Xylene-mg/kg	0006805-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307454-01	0	2.5	2.68	107.2%	
Toluene-mg/kg	0307454-01	0.043	2.5	2.66	104.7%	
Ethylbenzene-mg/kg	0307454-01	0.043	2.5	2.78	109.5%	
p/m-Xylene-mg/kg	0307454-01	0.219	5	5.56	106.8%	
o-Xylene-mg/kg	0307454-01	0	2.5	2.77	110.8%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307454-01	0	2.5	2.63	105.2%	1.9%
Toluene-mg/kg	0307454-01	0.043	2.5	2.56	100.7%	3.8%
Ethylbenzene-mg/kg	0307454-01	0.043	2.5	2.66	104.7%	4.4%
p/m-Xylene-mg/kg	0307454-01	0.219	5	5.29	101.4%	5.%
o-Xylene-mg/kg	0307454-01	0	2.5	2.58	103.2%	7.1%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006805-05		0.1	0.112	112.%	
Toluene-mg/kg	0006805-05		0.1	0.11	110.%	
Ethylbenzene-mg/kg	0006805-05		0.1	0.107	107.%	
p/m-Xylene-mg/kg	0006805-05		0.2	0.214	107.%	
o-Xylene-mg/kg	0006805-05		0.1	0.102	102.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307441

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006802-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307437-01	124	500	620	99.2%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307437-01	124	500	603	95.8%	2.8%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006802-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: **G0307441**

Project: **Dynegy Site #05**

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-9 (W)	0307441-01	SOIL	09/12/2003	09/12/2003
SS-10 (E)	0307441-02	SOIL	09/12/2003	09/12/2003

Surrogate recoveries on the BTEX are outside control limits due to matrix interference. (0307441-01, 02)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Kalan dK Jr Date: 9-15-03

Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 915-687-0456
915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: John Stewart

PROJECT NO.: 9-0100-05

PROJECT NAME: Sim #05

PAGE 1 OF 1

LAB. PO #

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	BTEX	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	9/12	1225		✓		SS-9(W)	1	✓	✓	✓	0307441	
02	9/12	1207		✓		SS-10(E)	1	✓	✓	✓		

SAMPLED BY: (Signature) John J Stewart — DATE: 9/12 TIME:

RELINQUISHED BY: (Signature) John J Stewart — DATE: 9/12 TIME: 2:07

RELINQUISHED BY: (Signature) — DATE: TIME:

RECEIVED BY: (Signature) — DATE: TIME:

RECEIVED BY: (Signature) — DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY:
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Kim Anderson
DATE: 9-12-03 TIME: 1407

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: 5.5°C 4oz glass

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project:	Site # 05
PO#:	Dynegy
Order#:	G0307476
Report Date:	09/19/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307476-01	SS-11	SOIL	9/17/03 12:00	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307476-02	SS-12	SOIL	9/17/03 12:05	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307476-03	SS-13	SOIL	9/17/03 12:07	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307476-04	SS-14	SOIL	9/17/03 12:09	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307476-05	SS-15	SOIL	9/17/03 12:11	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307476-06	SS-16	SOIL	9/17/03 12:13	9/17/03 16:34	4 oz glass	ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
	8021B/5030 BTEX Chloride					
0307476-07	Fill-1	SOIL	9/17/03 12:15	9/17/03 16:34	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.0 C		
	8015M 8021B/5030 BTEX Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-01
Sample ID: SS-11

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**902**	10.0
DRO, >C12-C35	**2,910**	10.0
TOTAL, C6-C35	**3,812**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**91%**	**70**	**130**
1-Chlorooctadecane	**71%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**2.22**	0.025
Toluene	**2.95**	0.025
Ethylbenzene	**5.19**	0.025
p/m-Xylene	**14.5**	0.025
o-Xylene	**6.30**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**977%**	**80**	**120**
Bromofluorobenzene	**117%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-02
Sample ID: SS-12

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	71.0	10.0
TOTAL, C6-C35	71.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	94%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.030	0.025
p/m-Xylene	0.068	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	101%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-03
Sample ID: SS-13

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**<10.0**	10.0
TOTAL, C6-C35	**<10.0**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**109%**	**70**	**130**
1-Chlorooctadecane	**93%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**<0.025**	0.025
Ethylbenzene	**<0.025**	0.025
p/m-Xylene	**0.026**	0.025
o-Xylene	**<0.025**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**91%**	**80**	**120**
Bromofluorobenzene	**100%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-04
Sample ID: SS-14

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	16.1	10.0
TOTAL, C6-C35	16.1	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	83%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	99%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART		Order#:	G0307476
LARSON AND ASSOCIATES, INC.		Project:	0-0100-05
P.O. BOX 50685		Project Name:	Site # 05
MIDLAND, TX 79710		Location:	Eunice N.M.

Lab ID: 0307476-05
Sample ID: SS-15

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**219**	10.0
TOTAL, C6-C35	**219**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**100%**	**70**	**130**
1-Chlorooctadecane	**89%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**<0.025**	0.025
Ethylbenzene	**<0.025**	0.025
p/m-Xylene	**<0.025**	0.025
o-Xylene	**<0.025**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**88%**	**80**	**120**
Bromofluorobenzene	**86%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-06
Sample ID: SS-16

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	96%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-07
Sample ID: Fill-1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/18/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**522**	10.0
DRO, >C12-C35	**2,500**	10.0
TOTAL, C6-C35	**3,022**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**130%**	**70**	**130**
1-Chlorooctadecane	**108%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006851-02		9/18/03	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	**0.291**	0.025
Toluene	**2.03**	0.025
Ethylbenzene	**2.91**	0.025
p/m-Xylene	**7.73**	0.025
o-Xylene	**4.08**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**273%**	**80**	**120**
Bromofluorobenzene	**108%**	**80**	**120**

Approval: Raland K. Tuttle 9-22-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-01
Sample ID: SS-11

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Lab ID: 0307476-02
Sample ID: SS-12

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Lab ID: 0307476-03
Sample ID: SS-13

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Lab ID: 0307476-04
Sample ID: SS-14

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Lab ID: 0307476-05
Sample ID: SS-15

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Lab ID: 0307476-06
Sample ID: SS-16

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476
Project: 0-0100-05
Project Name: Site # 05
Location: Eunice N.M.

Lab ID: 0307476-07
Sample ID: Fill-1

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	9/18/03	SB

Approval: Raland K Tuttle 9-22-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307476

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006844-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006844-03		952	697	73.2%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006844-04		952	793	83.3%	12.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006844-05		1000	998	99.8%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307476

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0006851-02			<0.025		
Toluene-mg/kg	0006851-02			<0.025		
Ethylbenzene-mg/kg	0006851-02			<0.025		
p/m-Xylene-mg/kg	0006851-02			<0.025		
o-Xylene-mg/kg	0006851-02			<0.025		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006851-03		0.1	0.100	100.%	
Toluene-mg/kg	0006851-03		0.1	0.099	99.%	
Ethylbenzene-mg/kg	0006851-03		0.1	0.094	94.%	
p/m-Xylene-mg/kg	0006851-03		0.2	0.190	95.%	
o-Xylene-mg/kg	0006851-03		0.1	0.090	90.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006851-04		0.1	0.098	98.%	2.%
Toluene-mg/kg	0006851-04		0.1	0.098	98.%	1.%
Ethylbenzene-mg/kg	0006851-04		0.1	0.095	95.%	1.1%
p/m-Xylene-mg/kg	0006851-04		0.2	0.192	96.%	1.%
o-Xylene-mg/kg	0006851-04		0.1	0.092	92.%	2.2%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006851-05		0.1	0.094	94.%	
Toluene-mg/kg	0006851-05		0.1	0.094	94.%	
Ethylbenzene-mg/kg	0006851-05		0.1	0.095	95.%	
p/m-Xylene-mg/kg	0006851-05		0.2	0.193	96.5%	
o-Xylene-mg/kg	0006851-05		0.1	0.096	96.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307476

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006845-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307470-02	26900	500	27500	120.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307470-02	26900	500	27500	120.%	0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006845-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307476

Project: Site # 05

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-11	0307476-01	SOIL	09/17/2003	09/17/2003
SS-12	0307476-02	SOIL	09/17/2003	09/17/2003
SS-13	0307476-03	SOIL	09/17/2003	09/17/2003
SS-14	0307476-04	SOIL	09/17/2003	09/17/2003
SS-15	0307476-05	SOIL	09/17/2003	09/17/2003
SS-16	0307476-06	SOIL	09/17/2003	09/17/2003
Fill-1	0307476-07	SOIL	09/17/2003	09/17/2003

Surrogate recoveries on the BTEX are outside control limits due to matrix interference. (0307476-01, 07)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Roland K Tuttle Date: 9-19-03

Environmental Lab of Texas I, Ltd.

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: John Stewart
Company Name: Larson + Assoc
Company Address: 507 N. Marienfeld
City/State/Zip: Midland, TX 79762
Telephone No: 432-687-0901 Fax No:
Sampler Signature: John Stewart

Project Name: Site #05
Project #: 0-0100-05
Project Loc: Eunice, NM
PO #: Dynegy

0307476

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TPH: 418.1 / 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (SO_4, CO_3, HCO_3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	PCI	N.O.R.M.				RUSH TAT (Pre-Schedule)	Standard TAT
01	SS-11	9/17/03	12:00	1	✓									✓		✓		✓					✓							
02	SS-12	"	12:05	1	✓									✓		✓		✓					✓							
03	SS-13	"	12:07	1	✓									✓		✓		✓					✓							
04	SS-14	"	12:09	1	✓									✓		✓		✓					✓							
05	SS-15	"	12:11	1	✓									✓		✓		✓					✓							
06	SS-16	"	12:13	1	✓									✓		✓		✓					✓							
07	Fill-1	"	12:15	1	✓									✓		✓		✓					✓							

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 4.0°C
Laboratory Comments: 40z glass

Relinquished by:	Date	Time	Received by:	Date	Time
John J. Stewart	9/17	4:34			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Tara Anderson	9/17/03	1634

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project:	Dynegy Site #05
PO#:	
Order#:	G0307564
Report Date:	09/30/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307564-01	SS-17	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-02	SS-18	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-03	SS-19	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-04	SS-20	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-05	SS-21	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-06	SS-22	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 4.0 C		
0307564-07	SS-23	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
	8015M Chloride					
0307564-08	SS-24	SOIL	9/25/2003	9/25/2003 16:20	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.0 C		
	8015M Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-01
Sample ID: SS-17

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**17.1**	10.0
TOTAL, C6-C35	**17.1**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**106%**	**70**	**130**
1-Chlorooctadecane	**82%**	**70**	**130**

Lab ID: 0307564-02
Sample ID: SS-18

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**<10.0**	10.0
TOTAL, C6-C35	**<10.0**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**110%**	**70**	**130**
1-Chlorooctadecane	**86%**	**70**	**130**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-03
Sample ID: SS-19

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	44.0	10.0
TOTAL, C6-C35	44.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	109%	70	130
1-Chlorooctadecane	86%	70	130

Lab ID: 0307564-04
Sample ID: SS-20

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	30.7	10.0
TOTAL, C6-C35	30.7	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	80%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-05
Sample ID: SS-21

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**85.2**	10.0
DRO, >C12-C35	**2,020**	10.0
TOTAL, C6-C35	**2,105**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**126%**	**70**	**130**
1-Chlorooctadecane	**123%**	**70**	**130**

Lab ID: 0307564-06
Sample ID: SS-22

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**16.3**	10.0
DRO, >C12-C35	**269**	10.0
TOTAL, C6-C35	**285**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**107%**	**70**	**130**
1-Chlorooctadecane	**85%**	**70**	**130**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-07
Sample ID: SS-23

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**35.7**	10.0
DRO, >C12-C35	**1,020**	10.0
TOTAL, C6-C35	**1,056**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**117%**	**70**	**130**
1-Chlorooctadecane	**111%**	**70**	**130**

Lab ID: 0307564-08
Sample ID: SS-24

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		9/27/2003	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**28.9**	10.0
TOTAL, C6-C35	**28.9**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**101%**	**70**	**130**
1-Chlorooctadecane	**80%**	**70**	**130**

Approval: Jeanne McMurrey 09-30-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-01
Sample ID: SS-17

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-02
Sample ID: SS-18

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-03
Sample ID: SS-19

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	177	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-04
Sample ID: SS-20

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-05
Sample ID: SS-21

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-06
Sample ID: SS-22

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307564
Project: 0-0100-05
Project Name: Dynegy Site #05
Location: None Given

Lab ID: 0307564-07
Sample ID: SS-23

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Lab ID: 0307564-08
Sample ID: SS-24

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	9/29/2003	SB

Approval: Jeanne McMurrey 09-30-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit **N/A = Not Applicable**

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307564

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006971-02			<10.0		
TOTAL, C6-C35-mg/kg	0006973-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006971-03		952	681	71.5%	
TOTAL, C6-C35-mg/kg	0006973-03		952	775	81.4%	
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0307562-01	0	952	824	86.6%	
TOTAL, C6-C35-mg/kg	0307565-01	79.9	952	889	85.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0307562-01	0	952	833	87.5%	1.1%
TOTAL, C6-C35-mg/kg	0307565-01	79.9	952	905	86.7%	1.8%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006971-05		1000	943	94.3%	
TOTAL, C6-C35-mg/kg	0006973-05		1000	1056	105.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307564

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006980-01			<20		
Chloride-mg/kg	0006981-01			<20		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307562-01	0	500	496	99.2%	
Chloride-mg/kg	0307565-01	0	500	478	95.6%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307562-01	0	500	496	99.2%	0.%
Chloride-mg/kg	0307565-01	0	500	496	99.2%	3.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006980-04		5000	4960	99.2%	
Chloride-mg/kg	0006981-04		5000	4960	99.2%	

CHAIN—OF—CUSTODY RECORD

LA Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202 • Midland, TX 79701
Fax: 915-687-0456
915-687-0901

CLIENT NAME: Dynegy

SITE MANAGER: John Stewart

PROJECT NO.: 05 0-0100-[redacted]

PROJECT NAME: 05 Sixth [redacted]

PAGE 1 OF 1

LAB. PO #

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	PARAMETERS/METHOD NUMBER: Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	9/25			✓		SS-17	1	✓	✓	03075564	
02	"			✓		SS-18	1	✓	✓		
03	"			✓		SS-19	1	✓	✓		
04	"			✓		SS-20	1	✓	✓		
05	"			✓		SS-21	1	✓	✓		
06	"			✓		SS-22	1	✓	✓		
07	"			✓		SS-23	1	✓	✓		
08	"			✓		SS-24	1	✓	✓		

SAMPLED BY: (Signature) John J. Stewart DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) John J. Stewart DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ECOT
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Rachel Ortiz
DATE: 9-25-03 TIME: 1620

SAMPLE CONDITION WHEN RECEIVED: Ice 4°C

LA CONTACT PERSON:

SAMPLE TYPE:

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Dynegy #05

PO#:

Order#: G0307616

Report Date:

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0307616
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0307616-01	SS-25	SOIL	10/1/03 12:15	10/1/03 16:00	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8015M					
	Chloride					
0307616-02	SS-26	SOIL	10/1/03 12:25	10/1/03 16:00	4 oz glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307616
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307616-01
Sample ID: SS-25

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		10/1/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	90%	70	130
1-Chlorooctadecane	96%	70	130

Lab ID: 0307616-02
Sample ID: SS-26

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		10/1/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	984	10.0
DRO, >C12-C35	3,590	10.0
TOTAL, C6-C35	4,574	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	85%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307616
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307616-02
Sample ID: SS-26

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0007012-02		10/1/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	**0.071**	0.025
Toluene	**0.721**	0.025
Ethylbenzene	**1.97**	0.025
p/m-Xylene	**3.76**	0.025
o-Xylene	**2.82**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	199%	80	120
Bromofluorobenzene	124%	80	120

Approval: Jeanne McMurrey 10-07-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307616
Project: 0-0100-05
Project Name: Dynegy #05
Location: None Given

Lab ID: 0307616-01
Sample ID: SS-25

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	10/1/03	SB

Lab ID: 0307616-02
Sample ID: SS-26

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	10/1/03	SB

Approval: Jeanne McMurrey 10-07-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0307616

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0007024-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0007024-03		952	1026	107.8%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0007024-04		952	965	101.4%	6.1%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0007024-05		1000	935	93.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307616

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0007012-02			<0.025		
Toluene-mg/kg	0007012-02			<0.025		
Ethylbenzene-mg/kg	0007012-02			<0.025		
p/m-Xylene-mg/kg	0007012-02			<0.025		
o-Xylene-mg/kg	0007012-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307547-16	0	2.5	2.67	106.8%	
Toluene-mg/kg	0307547-16	0.061	2.5	2.57	100.4%	
Ethylbenzene-mg/kg	0307547-16	0.073	2.5	2.62	101.9%	
p/m-Xylene-mg/kg	0307547-16	0.333	5	5.17	96.7%	
o-Xylene-mg/kg	0307547-16	0.051	2.5	2.49	97.6%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0307547-16	0	2.5	2.46	98.4%	8.2%
Toluene-mg/kg	0307547-16	0.061	2.5	2.44	95.2%	5.2%
Ethylbenzene-mg/kg	0307547-16	0.073	2.5	2.54	98.7%	3.1%
p/m-Xylene-mg/kg	0307547-16	0.333	5	5.06	94.5%	2.2%
o-Xylene-mg/kg	0307547-16	0.051	2.5	2.51	98.4%	0.8%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0007012-05		0.1	0.106	106.%	
Toluene-mg/kg	0007012-05		0.1	0.103	103.%	
Ethylbenzene-mg/kg	0007012-05		0.1	0.096	96.%	
p/m-Xylene-mg/kg	0007012-05		0.2	0.194	97.%	
o-Xylene-mg/kg	0007012-05		0.1	0.094	94.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307616

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0006998-01			<20		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307601-01	0	500	496	99.2%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0307601-01	496	500	478	95.6%	3.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0006998-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0307616

Project: Dynegy #05

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-25	0307616-01	SOIL	10/01/2003	10/01/2003
SS-26	0307616-02	SOIL	10/01/2003	10/01/2003

Surrogate recoveries on the BTEX are outside control limits due to matrix interference. (0307616-02)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Jeanne McMurrey Date: 10-07-03
Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 915-687-0456
915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: John Stewart

PROJECT NO.: 0-0100-05

PROJECT NAME: #05

PAGE 1 OF 1

LAB. PO #

PARAMETERS/METHOD NUMBER: BTEX, TPH 8015

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	10/1	12:15		✓		SS-05	1	0307616	
02	10/1	12:25		✓		SS-2	1		

SAMPLED BY: (Signature) John J. Stewart — DATE: 10/1 TIME: 6

RELINQUISHED BY: (Signature) John J. Stewart — DATE: 10/1 TIME: 4:02

RELINQUISHED BY: (Signature) — DATE: _____ TIME: _____

RECEIVED BY: (Signature) Tara Anderson — DATE: 10-1-03 TIME: 1600

RECEIVED BY: (Signature) — DATE: _____ TIME: _____

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

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
CONTACT: _____ PHONE: _____

RECEIVED BY: (Signature) _____
DATE: _____ TIME: _____

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: 4ozglass 3.5°C

APPENDIX C

Photographs

Dynegy Midstream Services, L.P., Spill Site #05
NE/4, SE/4, Section 24, Township 22 South, Range 38 East
Lea County, New Mexico

Photo# 3 View to site to N (9/17/03)

Photo# 4 View to S of Excavation (10/1/03)

Dynegy Midstream Services, L.P., Spill Site #05
NE/4, SE/4, Section 24, Township 22 South, Range 38 East
Lea County, New Mexico

Photo# 5 View to S of Excavation (10/1/03)

Photo# 6 View to N of Excavation (10/1/03)

Dynegy Midstream Services, L.P., Spill Site #05
NE/4, SE/4, Section 24, Township 22 South, Range 38 East
Lea County, New Mexico

Photo# 7 View to N of Excavation (10/1/03)