AP - 33

STAGE 1 & 2 REPORTS

DATE: 12/27/2001

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

December 27, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 7000-1670-0012-5357-8109

Mr. Cal Wrangham
Dynegy Midstream Services, L.P.
6 Desta Dr., Suite 3300
Midland, Texas 79705

RE: CASE #1R0334
ELDRIDGE RANCH PIPELINE SPILL SITE
MONUMENT, NEW MEXICO

Dear Mr. Wrangham:

The New Mexico Oil Conservation Division (OCD) has reviewed Dynegy Midstream Services, L.P. (Dynegy) May 14, 2001 "PIPELINE ASSESSMENT REPORT, DYNEGY MIDSTAREM SERVICES, L.P., NW/4, SW/4, SECTION 21, TOWNSHIP 19 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO" which was submitted on behalf of Dynegy by their consultant Larson & Associates, Inc. This document contains the results of Dynegy's investigation of the extent of contamination from a pipeline spill adjacent to the Eldridge Ranch and located in Unit L of Section 21, Township 19 South, Range 37 East, Lea County, New Mexico. The document also requests approval to cover and close the site based upon the investigation results.

The above-referenced closure request is approved. Please be advised that OCD approval does not relieve Dynegy of responsibility if remaining contamination poses a future threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve Dynegy of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Supervisor

Larson & Associates, Inc.
Environmental Consultants

November 21, 2003

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 L (NW/4, SW/4) Section 21, Township 19 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 natural gas liquids spill that occurred from a pipeline leak in the northwest quarter (NW/4) of the southwest quarter (SW/4), Section 21, Township 19 South, Range 37 East, Lea County, New Mexico (Site #36). The leak occurred, and was repaired on December 12, 2002 and did not involve a reportable quantity of gas or liquids; therefore, a Release Notification and Corrective Action form (C-141) was not filed. Figure 1 presents a Site location and topographic map.

Current Investigation

On Monday, January 13, 2003, LA conducted a subsurface investigation to determine the extent of impact. Soil samples were obtained by hand auger methods at three locations. 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. The hand auger was advanced to a depth of approximately four (4) feet at each location, when auger refusal was encountered. Soil samples were collected from soil boring SS-1 at depths of 0-1 foot, 2 feet and 3.8 feet. Soil samples were collected from soil boring SS-2 at depths of 0-1 foot, 2 feet and 4 feet. Soil samples were collected from soil boring SS-3 at depths of 0-1 foot, 2 feet and 3.8 feet.

All 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, Inc., located in Odessa, Texas. Soil samples from hand auger borings were analyzed for total petroleum hydrocarbons (TPH) by EPA method SW-846-8015, benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) by EPA method SW-846-8021B, and for chloride by EPA method SW-846-9253. Table 1 presents a summary of the laboratory analyses of soil from hand auger borings. Figure 2 shows the location of the borings. Appendix A presents laboratory data and chain of custody documentation.

Based on published literature (1961) and well records of the New Mexico State Engineer, groundwater occurs at approximately 75 to 80 feet below ground surface (bgs). No domestic water

wells are located within 1,000 feet of the site. The New Mexico Oil Conservation Division (NMOCD) has established soil remediation action levels (RRALs) for benzene, total BTEX 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	**1000 mg/kg**

Referring to Table 1, all soil samples collected from hand auger boring SS-1 exceeded the RRALs for TPH (0-1' - 1300 mg/kg; 2' - 7890 mg/kg; 3.8' – 646.3 mg/kg). The RRAL for BTEX was exceeded in one sample from boring SS-1 (2' – 61.79 mg/kg). No other soil samples exceeded the RRALs for TPH or BTEX.

The NMOCD does not have an RRAL for chloride in soil, although it has applied the New Mexico Water Quality Control Commission (NMWQCC) standard of 250 milligrams per liter (mg/L) as an action level for soil. All soil samples collected from hand auger borings at Site #36 showed chloride concentrations to be below the test method detection limit.

On May 13, 2003, Site #36 was excavated to a depth of approximately five (5) feet bgs and samples were collected 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 set aside and allowed to warm up to ambient temperature before a RAE Instruments, Model 2000 photoionization detector (PID) was used to measure the concentration of organic vapors in the sample headspace. 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 parts per million (ppm), and recorded in a bound field notebook. The PID was calibrated to 99.1 ppm isobutylene prior to obtaining headspace readings. Table 2 shows the PID readings. Figure 2 shows the sample locations.

Referring to Table 2, soil samples SS-1 (>1999 ppm), SS-2 (>1999 ppm), SS-4 (703 ppm) and SS-5 (206.4 ppm), indicated the need for additional excavation at those sample locations.

Soil from the excavation was placed adjacent to the hole, and blended to reduce the TPH levels below the RRAL. A grab sample was obtained from the blended soil, and is presented as SS-8 (Spoil) in Table 2.

Excavation and blending of stockpiled soil continued, periodically, until samples were collected from the sides and bottom of the Site #36 excavation on June 12, 2003. All 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, Inc., located in Odessa, Texas. A portion of each sample

was also placed in a clean glass sample jar for headspace analysis, as previously described. The samples were analyzed for TPH by EPA method SW-846-8015, including gasoline range (GRO) and diesel range organics (DRO), and for chloride by EPA method SW-846-9253. No samples were tested for BTEX since the PID readings were below 100 ppm. The NMOCD does not require BTEX analysis if a PID reading is below 100 ppm. Table 3 provides a summary of the soil sample analyses and PID readings. Figure 2 shows the sample locations. Appendix A provides laboratory results. Appendix B provides photographs.

Referring to Table 3, final samples obtained from Site #36 were below the RRALs; therefore, the excavation was filled with blended soil. Clean soil was used to fill the remainder of the excavation.

Dynegy requests that Site #36 be closed. Please contact Mr. Cal Wrangham with Dynegy at (432) 688-0555 or myself at (432) 687-0901 if you have questions.

Sincerely,
Larson & Associates, Inc.

Cindy K. Crain
Geologist

Encl.

cc: Mr. Cal Wrangham - Dynegy
Mr. Dave Harris – Dynegy
Mr. Sam Hodges - Dynegy

TABLES

Table 1: Summary of Laboratory Analyses of Soil From Hand Auger Borings
Dynegy Midstream Services, L.P., Spill Site #36
NW/4, SW/4, Section 21, Township 19 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)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
1/13/2003	SS-1	0-1	170	1130	1300	0.043	0.8	1.560	4.42	6.823	<20
		2	1130	6760	7890	1.31	18.4	13.800	28.28	61.79	<20
		3.8	70.3	576	646.3	<0.025	0.097	0.131	0.316	0.544	<20
1/13/2003	SS-2	0-1	15.1	73.3	88.4	<0.025	<0.025	<0.025	<0.05	<0.125	<20
		2	18.8	76.4	95.2	<0.025	<0.025	<0.025	0.050	0.050	<20
		4	10.7	41.9	52.6	<0.025	<0.025	<0.025	<0.05	<0.125	<20
1/13/2003	SS-3	0-1	<10.0	<10.0	<20.0	<0.025	<0.025	<0.025	<0.05	<0.125	<20
		2	<10.0	<10.0	<20.0	<0.025	<0.025	<0.025	<0.05	<0.125	<20
		3.8	<10.0	<10.0	<20.0	<0.025	<0.025	<0.025	<0.05	<0.125	<20

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

1. BGS: Sample depth in feet below ground surface
2. DRO: Diesel-range organics
3. GRO: Gasoline-range organics
4. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
5. mg/kg: Milligrams per kilogram
6. <: Below method detection limit

Table 2: Summary of Headspace Analyses of Soil Samples
Dynegy Midstream Services, L.P., Spill Site #36
NW/4, SW/4, Section 21, T 19 South, R 37 East
Lea County, New Mexico

Sample Date	Soil Sample	Sample Depth (Feet bgs)	PID ppm
5/13/2003	SS-1	5	>1999
5/13/2003	SS-2	5	>1999
5/13/2003	SS-3	5	93.5
5/13/2003	SS-4	5	703.0
5/13/2003	SS-5	5	206.4
5/13/2003	SS-6	5	57.2
5/13/2003	SS-7	5	0.4
5/13/2003	SS-8	Spoil	0.0

1. PID: Photoionization detector
2. ppm: Parts per million

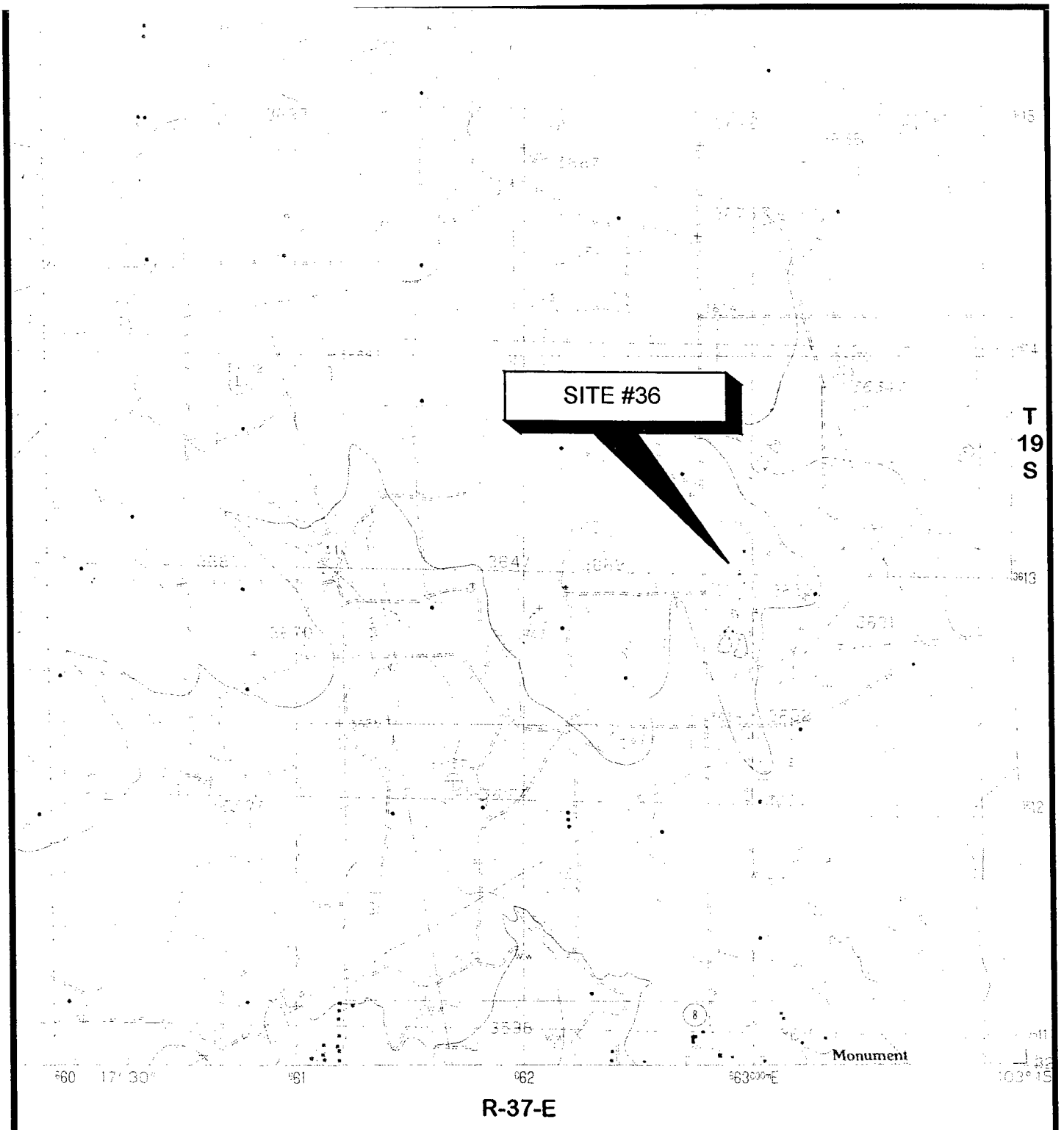
Table 3: **Summary of Headsapce and Laboratory Analyses of Soil Samples**
Dynegy Midstream Services, L.P., Spill Site #36
NW/4, SW/4, Section 21, Township 19 South, Range 37 East
Lea County, New Mexico

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)
6/12/2003	SS-1	4	15.7	124	139.7	<20	20.3
6/12/2003	SS-2	3	<10.0	<10.0	<20.0	<20	0.1
6/12/2003	SS-3	3	<10.0	<10.0	<20.0	<20	0.1
6/12/2003	SS-4	5	<10.0	<10.0	<20.0	<20	0.1
6/12/2003	SS-5	5	<10.0	<10.0	<20.0	<20	0.1
6/12/2003	SS-6	5	<10.0	<10.0	<20.0	<20	0.4
6/12/2003	SS-7	5	<10.0	<10.0	<20.0	<20	0.1
6/12/2003	SS-8	Spoil	<10.0	25.9	25.9	<20	0.1

Notes: Analysis performed by Environmental Lab of Texas, Inc., 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



TAKEN FROM U.S.G.S.
MONUMENT NORTH, N. MEX. 1985
7.5' QUADRANGLES

N

SCALE: 1"=2000'

FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

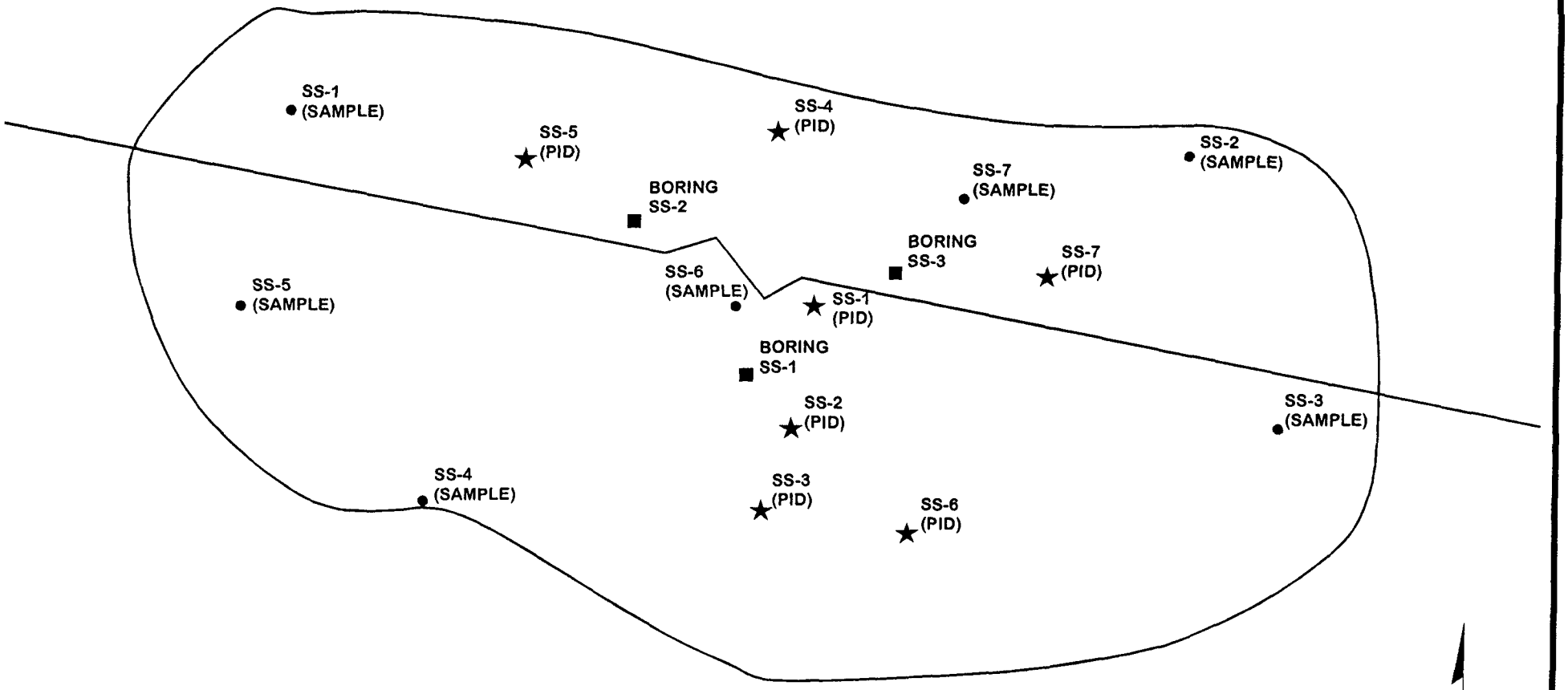
SITE #36

NW/4, SW/4, SECTION 21, T-19-S, R-37-E

TOPOGRAPHIC MAP

DATE: 10/24/03
NAME:
FILE: 0-0100-36

Larson & Associates, Inc.
Environmental Consultants



LEGEND

SS-1 ● SOIL SAMPLE LOCATION TESTED for TPH CHLORIDES, 6/12/03

SS-1 ★ SOIL SAMPLE LOCATION FIELD ANALYZED with PID, 5/13/03

SS-1 ■ SOIL HAND BORING LOCATION TESTED for TPH, BTEX, and CHLORIDES, 1/13/03

0 5
SCALE in FEET

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #36

NW/4, SW/4, SECTION 21, T-19-S, R-37-E

SITE DRAWING

DATE: 10/24/03

NAME:

FILE:

LArson & Associates, Inc.
Environmental Consultants

APPENDIX A

LABORATORY REPORTS

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy / Eunice Site
PO#:	
Order#:	G0305446
Report Date:	01/16/2003

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#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
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
0305446-01	SS-1 0-1'	SOIL	1/13/03 13:20	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.0 C		
0305446-02	SS-1 2'	SOIL	1/13/03 13:25	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.0 C		
0305446-03	SS-1 3.8'	SOIL	1/13/03 13:35	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.0 C		
0305446-04	SS-2 0-1'	SOIL	1/13/03 13:40	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.0 C		
0305446-05	SS-2 2'	SOIL	1/13/03 13:50	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 2.0 C		
0305446-06	SS-2 4'	SOIL	1/13/03 13:55	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 2.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
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
	8021B/5030 BTEX Chloride					
0305446-07	SS-3 0-1'	SOIL	1/13/03 14:05	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 2.0 C		
	8015M 8021B/5030 BTEX Chloride					
0305446-08	SS-3 2'	SOIL	1/13/03 14:15	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 2.0 C		
	8015M 8021B/5030 BTEX Chloride					
0305446-09	SS-3 3.8'	SOIL	1/13/03 14:23	1/13/03 16:20	4 oz Glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 2.0 C		
	8015M 8021B/5030 BTEX Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-01
Sample ID: SS-1 0-1'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**170**	10.0
DRO, >C12-C35	**1,130**	10.0
TOTAL, C6-C35	**1,300**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**117%**	**70**	**130**
1-Chlorooctadecane	**121%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 17:25	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**0.043**	0.025
Toluene	**0.800**	0.025
Ethylbenzene	**1.56**	0.025
p/m-Xylene	**3.17**	0.025
o-Xylene	**1.25**	0.025

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

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-02
Sample ID: SS-1 2'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	10	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**1130**	100
DRO, >C12-C35	**6760**	100
TOTAL, C6-C35	**7890**	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**11%**	**70**	**130**
1-Chlorooctadecane	**15%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 17:46	1	100	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**1.31**	0.100
Toluene	**18.4**	0.100
Ethylbenzene	**13.8**	0.100
p/m-Xylene	**21.6**	0.100
o-Xylene	**6.68**	0.100

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**174%**	**80**	**120**
Bromofluorobenzene	**124%**	**80**	**120**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-03
Sample ID: SS-1 3.8'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**70.3**	50.0
DRO, >C12-C35	**576**	50.0
TOTAL, C6-C35	**646**	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**17%**	**70**	**130**
1-Chlorooctadecane	**17%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 18:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**0.097**	0.025
Ethylbenzene	**0.131**	0.025
p/m-Xylene	**0.246**	0.025
o-Xylene	**0.070**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**98%**	**80**	**120**
Bromofluorobenzene	**110%**	**80**	**120**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-04
Sample ID: SS-2 0-1'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**15.1**	10.0
DRO, >C12-C35	**73.3**	10.0
TOTAL, C6-C35	**88.4**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**89%**	**70**	**130**
1-Chlorooctadecane	**86%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 18:29	1	25	CK	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	**102%**	**80**	**120**
Bromofluorobenzene	**106%**	**80**	**120**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-05
Sample ID: SS-2 2'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**18.8**	10.0
DRO, >C12-C35	**76.4**	10.0
TOTAL, C6-C35	**95.2**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**91%**	**70**	**130**
1-Chlorooctadecane	**90%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 18:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**<0.025**	0.025
Ethylbenzene	**<0.025**	0.025
p/m-Xylene	**0.050**	0.025
o-Xylene	**<0.025**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**102%**	**80**	**120**
Bromofluorobenzene	**114%**	**80**	**120**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-06
Sample ID: SS-2 4'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**10.7**	10.0
DRO, >C12-C35	**41.9**	10.0
TOTAL, C6-C35	**52.6**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	88%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004353-02		1/14/03 19:11	1	25	CK	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	100%	80	120
Bromofluorobenzene	109%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-07
Sample ID: SS-3 0-1'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	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	88%	70	130
1-Chlorooctadecane	85%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004365-02		1/14/03 21:59	1	25	CK	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	102%	80	120
Bromofluorobenzene	106%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-08
Sample ID: SS-3 2'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	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	86%	70	130
1-Chlorooctadecane	83%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004365-02		1/14/03 22:20	1	25	CK	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	102%	80	120
Bromofluorobenzene	106%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-09
Sample ID: SS-3 3.8'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/13/03	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	86%	70	130
1-Chlorooctadecane	83%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004365-02		1/14/03 22:41	1	25	CK	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	102%	80	120
Bromofluorobenzene	111%	80	120

Approval: Jeanne McMurrey 01-16-03
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

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

Order#: G0305446
Project: 0-0100-36
Project Name: Dynegy / Eunice Site
Location: None Given

Lab ID: 0305446-01
Sample ID: SS-1 0-1'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-02
Sample ID: SS-1 2'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-03
Sample ID: SS-1 3.8'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-04
Sample ID: SS-2 0-1'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-05
Sample ID: SS-2 2'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-06
Sample ID: SS-2 4'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN		Order#:	G0305446
LARSON AND ASSOCIATES, INC.		Project:	0-0100-36
P.O. BOX 50685		Project Name:	Dynegy / Eunice Site
MIDLAND, TX 79710		Location:	None Given

Lab ID: 0305446-07
Sample ID: SS-3 0-1'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-08
Sample ID: SS-3 2'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Lab ID: 0305446-09
Sample ID: SS-3 3.8'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/14/03	SB

Approval: Jeanne McMurrey 01-16-03
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#: G0305446

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004334-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004334-03		952	838	88.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004334-04		952	841	88.3%	0.4%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004334-05		1000	861	86.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305446

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004353-02			<0.025		
Benzene-mg/kg	0004365-02			<0.025		
Toluene-mg/kg	0004353-02			<0.025		
Toluene-mg/kg	0004365-02			<0.025		
Ethylbenzene-mg/kg	0004353-02			<0.025		
Ethylbenzene-mg/kg	0004365-02			<0.025		
p/m-Xylene-mg/kg	0004353-02			<0.025		
p/m-Xylene-mg/kg	0004365-02			<0.025		
o-Xylene-mg/kg	0004353-02			<0.025		
o-Xylene-mg/kg	0004365-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305435-48	0	0.1	0.094	94.%	
Benzene-mg/kg	0305449-02	0	0.1	0.104	104.%	
Toluene-mg/kg	0305435-48	0	0.1	0.096	96.%	
Toluene-mg/kg	0305449-02	0	0.1	0.106	106.%	
Ethylbenzene-mg/kg	0305435-48	0	0.1	0.095	95.%	
Ethylbenzene-mg/kg	0305449-02	0	0.1	0.108	108.%	
p/m-Xylene-mg/kg	0305435-48	0	0.2	0.201	100.5%	
p/m-Xylene-mg/kg	0305449-02	0	0.2	0.228	114.%	
o-Xylene-mg/kg	0305435-48	0	0.1	0.095	95.%	
o-Xylene-mg/kg	0305449-02	0	0.1	0.110	110.%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305435-48	0	0.1	0.094	94.%	0.%
Benzene-mg/kg	0305449-02	0	0.1	0.098	98.%	5.9%
Toluene-mg/kg	0305435-48	0	0.1	0.096	96.%	0.%
Toluene-mg/kg	0305449-02	0	0.1	0.101	101.%	4.8%
Ethylbenzene-mg/kg	0305435-48	0	0.1	0.095	95.%	0.%
Ethylbenzene-mg/kg	0305449-02	0	0.1	0.103	103.%	4.7%
p/m-Xylene-mg/kg	0305435-48	0	0.2	0.202	101.%	0.5%
p/m-Xylene-mg/kg	0305449-02	0	0.2	0.216	108.%	5.4%
o-Xylene-mg/kg	0305435-48	0	0.1	0.096	96.%	1.%
o-Xylene-mg/kg	0305449-02	0	0.1	0.104	104.%	5.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004353-05		0.1	0.112	112.%	
Benzene-mg/kg	0004365-05		0.1	0.104	104.%	
Toluene-mg/kg	0004353-05		0.1	0.111	111.%	
Toluene-mg/kg	0004365-05		0.1	0.107	107.%	
Ethylbenzene-mg/kg	0004353-05		0.1	0.110	110.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305446

SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Ethylbenzene-mg/kg	0004365-05		0.1	0.108	108.%	
p/m-Xylene-mg/kg	0004353-05		0.2	0.231	115.5%	
p/m-Xylene-mg/kg	0004365-05		0.2	0.225	112.5%	
o-Xylene-mg/kg	0004353-05		0.1	0.111	111.%	
o-Xylene-mg/kg	0004365-05		0.1	0.108	108.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305446

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0004333-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305446-01	0	1131	1010	89.3%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305446-01	1010	1131	1010	89.3%	0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0004333-04		5000	4960	99.2%	

CASE NARRATIVE
ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0305446

Project: Dynegy / Eunice Site

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 0-1'	0305446-01	SOIL	01/13/2003	01/13/2003
SS-1 2'	0305446-02	SOIL	01/13/2003	01/13/2003
SS-1 3.8'	0305446-03	SOIL	01/13/2003	01/13/2003
SS-2 0-1'	0305446-04	SOIL	01/13/2003	01/13/2003
SS-2 2'	0305446-05	SOIL	01/13/2003	01/13/2003
SS-2 4'	0305446-06	SOIL	01/13/2003	01/13/2003
SS-3 0-1'	0305446-07	SOIL	01/13/2003	01/13/2003
SS-3 2'	0305446-08	SOIL	01/13/2003	01/13/2003
SS-3 3.8'	0305446-09	SOIL	01/13/2003	01/13/2003

Surrogate recoveries on the 8015M are outside the control limits because they were diluted out. (0305446-02,03)

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference from coeluting compounds. (0305446-02)

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: 01-16-03
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: Cindy Crain

PROJECT NO.: 0-0100-36

PROJECT NAME: Eunice Site

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX 8021B	TPH 8015M	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
					0305446						
1/13/03	1320	X	X		SS-1 0-1' 01	1	X	X	X		
	1325	X	X		SS-1 2' 02	1	X	X	X		
	1335	X	X		SS-1 3.8' 03	1	X	X	X		
	1340	X	X		SS-2 0-1' 04	1	X	X	X		
	1350	X	X		SS-2 2' 05	1	X	X	X		
	1355	X	X		SS-2 4' 06	1	X	X	X		
	1405	X	X		SS-3 0-1' 07	1	X	X	X		
	1415	X	X		SS-3 2' 08	1	X	X	X		
↓	1423	X	X		SS-3 3.8' 09	1	X	X	X		

Incorrect matrix marked. Should be soil. JMC 1/14/03

SAMPLED BY: (Signature) Mark Hahn DATE: 1-13-03 TIME: 1430

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) Mark Hahn DATE: 1-13-03 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: ELOT
ADDRESS: 12600 W I-20 East
CITY: Odessa STATE: TX ZIP: 79763
CONTACT: PHONE: 563-1800

RECEIVED BY: (Signature) Sandra Bruyere
DATE: 1/13/03 TIME: 1620

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: Cindy Crain

SAMPLE TYPE: 40z jar
2.0°C

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/Site #36
PO#:	
Order#:	G0306717
Report Date:	06/16/2003

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#: G0306717
Project:
Project Name: Dynegy/Site #36
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
0306717-01	SS-1	SOIL	6/12/03 9:05	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-02	SS-2	SOIL	6/12/03 9:08	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-03	SS-3	SOIL	6/12/03 9:11	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-04	SS-4	SOIL	6/12/03 9:13	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-05	SS-5	SOIL	6/12/03 9:16	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-06	SS-6	SOIL	6/12/03 9:19	6/13/03 8:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 6.0 C		
0306717-07	SS-7	SOIL	6/12/03 9:21	6/13/03 8:10	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: 6.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
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					
0306717-08	SS-8	SOIL	6/12/03 9:22	6/13/03 8:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8015M Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-01
Sample ID: SS-1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**15.7**	10.0
DRO, >C12-C35	**124**	10.0
TOTAL, C6-C35	**140**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**116%**	**70**	**130**
1-Chlorooctadecane	**152%**	**70**	**130**

Lab ID: 0306717-02
Sample ID: SS-2

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	**123%**	**70**	**130**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-03
Sample ID: SS-3

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	108%	70	130
1-Chlorooctadecane	130%	70	130

Lab ID: 0306717-04
Sample ID: SS-4

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	107%	70	130
1-Chlorooctadecane	129%	70	130

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-05
Sample ID: SS-5

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	105%	70	130
1-Chlorooctadecane	121%	70	130

Lab ID: 0306717-06
Sample ID: SS-6

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	108%	70	130
1-Chlorooctadecane	127%	70	130

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-07
Sample ID: SS-7

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	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	101%	70	130
1-Chlorooctadecane	112%	70	130

Lab ID: 0306717-08
Sample ID: SS-8

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/13/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	25.9	10.0
TOTAL, C6-C35	25.9	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	133%	70	130

Approval: Raland K Tuttle 6-16-03
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

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-01
Sample ID: SS-1

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-02
Sample ID: SS-2

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-03
Sample ID: SS-3

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-04
Sample ID: SS-4

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-05
Sample ID: SS-5

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-06
Sample ID: SS-6

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306717
Project:
Project Name: Dynegy/Site #36
Location: None Given

Lab ID: 0306717-07
Sample ID: SS-7

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Lab ID: 0306717-08
Sample ID: SS-8

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	6/13/03	SB

Approval: Raland K Tuttle 6-16-03
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#: G0306717

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005818-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0005818-03		952	1053	110.6%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0005818-04		952	1028	108.%	2.4%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0005818-05		1000	1225	122.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306717

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0005817-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0306716-01	0	500	496	99.2%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0306716-01	0	500	514	102.8%	3.6%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0005817-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0306717

Project: Dynegy/Site #36

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	0306717-01	SOIL	06/12/2003	06/13/2003
SS-2	0306717-02	SOIL	06/12/2003	06/13/2003
SS-3	0306717-03	SOIL	06/12/2003	06/13/2003
SS-4	0306717-04	SOIL	06/12/2003	06/13/2003
SS-5	0306717-05	SOIL	06/12/2003	06/13/2003
SS-6	0306717-06	SOIL	06/12/2003	06/13/2003
SS-7	0306717-07	SOIL	06/12/2003	06/13/2003
SS-8	0306717-08	SOIL	06/12/2003	06/13/2003

Surrogate recoveries on 8015M TPH are outside control limits due to matrix interference (G0306717-01, 08)

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: 6-16-03

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: Cindy Crain

PROJECT NO.:

PROJECT NAME: Site #36

PAGE 1 OF 1

LAB. PO #

	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)
01	6/12/03	0905		✓		SS-1	1	✓	✓	030617	
02	"	0908		✓		SS-2	1	✓	✓		
03	"	0911		✓		SS-3	1	✓	✓		
04	"	0913		✓		SS-4	1	✓	✓		
05	"	0916		✓		SS-5	1	✓	✓		
06	"	0919		✓		SS-6	1	✓	✓		
07	"	0921		✓		SS-7	1	✓	✓		
08	"	0922		✓		SS-8	1	✓	✓		

SAMPLED BY: (Signature) Cindy Crain — DATE: 6/12/03 TIME: 0930

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

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

RELINQUISHED BY: (Signature) Cindy Crain — DATE: 6/13/03 TIME: 0805

RECEIVED BY: (Signature) Tina Anderson — DATE: 6/13/03 TIME: 0810

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

COMMENTS: RUSH!!

TURNAROUND TIME NEEDED: RUSH!!

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

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

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

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: Soil

6.0°C Rush

APPENDIX B

PHOTOGRAPHS

DYNEGY MIDSTREAM SERVICES, L.P.
SITE #36, NW/4, SW/4, SEC. 21, T19S, R37E, LEA CO., NM
PHOTOGRAPHS

1. View to southwest of initial excavation (5/13/03).

2. **View to southwest of final excavation (6/12/03).**