1R - 443

REPORTS

DATE:

8/7/2003

Larson & Associates, Inc.
Environmental Consultants

August 7, 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., SW/4, Section 1, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Sheeley:
This letter presents the results of an environmental investigation of a leak from a natural gas pipeline (Site #1 and Site #2) owned by Dynegy Midstream Services, L.P. (Dynegy). The leak occurred in the southwest quarter (SW/4) of Section 1, Township 22 South, and Range 37 East, Lea County, New Mexico (Site). Sites #1 and #2 are located along an east to west trending pipeline, and are separated by approximately 200 feet. Figure 1 presents a location and topographic map.

On August 16 to 18, 2000, Larson and Associates, Inc. (LA) conducted a subsurface investigation to determine the extent of impact. Laboratory analysis of samples collected from soil borings reported soil from Site #1 exceeded the Recommended Remediation Action Level (RRAL) of 1,000 parts per million (ppm) total petroleum hydrocarbons (TPH) at a depth of approximately 10 to 11 feet below ground surface (bgs), with a result of 1401 milligrams per kilogram (mg/kg). Laboratory analysis of samples collected from soil borings reported soil from Site #2 exceeded the RRAL for TPH of 1000 ppm at 15 to 15.5 feet bgs (2830 mg/kg), 20 to 20.7 feet bgs (3107 mg/kg) and 25 to 25.3 feet bgs (4459 mg/kg). Total BTEX in the sample from 20 to 20.7 feet bgs (51 mg/kg) also exceeded the RRAL for Total BTEX (50 mg/kg). Results of that investigation were reported to the New Mexico Oil Conservation Division (NMOCD) in a Pipeline Investigation Report dated October 1, 2000.

Dynegy replaced an approximate one half mile section of eight (8) inch pipeline in this area, with a new six (6) inch diameter HDPE line on March 11, 2003, and soil from Site #1 and Site #2 were excavated at that time. This report details the results of the final investigation at both Site #1 and Site #2.

Final Investigation at Site #1

Site #1 was excavated to a depth of 2.5 feet bgs, on March 11, 2003, and soil samples were collected from the bottom and sides of the excavation. The soil samples were placed in laboratory-prepared containers, labeled, chilled in an ice chest, and delivered under chain-of-custody control to Environmental Lab of Texas I, Ltd.., located in Odessa, Texas. A portion of each sample was also placed in a clean glass sample jar for headspace analysis. The 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 RAE Instruments, Model 2000 photoionization detector (PID) was used to measure the concentration of organic vapors in the sample headspace. After calibrating the instrument to 100.4 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 parts per million (ppm). No sample recorded PID readings above 100 ppm. The PID readings are provided in Table 1, below. The samples were analyzed for TPH by method SW-846-8015, including gasoline range (GRO) and diesel range organics (DRO). 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. Sample results are displayed in Table 1, below.

Soil from the excavation was placed adjacent to the hole, and blended to reduce the TPH level. A grab sample was obtained from the blended soil, and is presented as "Spoil" in Table 1.

Figure 2 shows the dimensions of the Site #1 excavation, the sample locations, and laboratory results. Appendix A presents the laboratory reports. Appendix B presents the State of New Mexico Form C-141.

Table 1: Summary of Headspace and Laboratory Analysis of Soil Samples
Dynegy Midstream Services, L. P., Spill Site No. 1
SW/4, Section 1, Township 22 South, Range 37 East
Lea County, New Mexico

Sample No.	Location of Sample	Sample Date	Sample Depth (feet BGS)	PID (ppm)	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg
	RRAL						1000
SS-1	N side	03/11/03	2	0.5	<10.0	<10.0	<20.0
SS-2	S side	03/11/03	2	0.1	<10.0	<10.0	<20.0
SS-3	E side	03/11/03	1	0.1	<10.0	<10.0	<20.0
SS-4	W side	03/11/03	1	0.1	<10.0	<10.0	<20.0
SS-5	Botton	03/11/03	2.5	15.8	33.6	390.0	423.6
SS-6	Spoil	03/11/03	---	1.1	<10.0	12.1	<22.1

Referring to Table 1, all samples obtained from Site #1 were below the RRAL, therefore, the excavation was filled with blended soil. Clean soil was used to fill the remainder of the excavation.

Final Investigation at Site #2

Site #2 was excavated to a depth of eight (8) feet bgs on March 11, 2003, and soil samples were collected from the bottom and sides of the excavation. The excavated soil was placed adjacent to the hole, and blended to reduce the TPH levels to the RRAL. The soil samples were placed in laboratory-prepared containers, labeled, chilled in an ice chest, and delivered under chain-of-custody control to Environmental Lab of Texas I, Ltd., located in Odessa, Texas. A portion of each sample was also placed in a clean glass sample jar for headspace analysis. After calibrating the instrument to 100.4 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 parts per million (ppm). All samples, except the sample from the blended soil (spoil) recorded PID measurements above 100 ppm. These samples were not submitted for laboratory analysis. The PID readings are provided in Table 2, below.

Table 2: Summary of Headspace and Laboratory Analysis of Soil Samples
Dynegy Midstream Services, L. P., Spill Site No. 2
SW/4, Section 1, Township 22 South, Range 37 East
Lea County, New Mexico

Sample No.	Location of Sample	Sample Date	Sample Depth (feet BGS)	PID (ppm)	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg
RRAL							1000
SS-1	N side	03/11/03	7	263	---	---	---
SS-2	S side	03/11/03	7	630	---	---	---
SS-3	E side	03/11/03	6.5	780	---	---	---
SS-4	W side	03/11/03	7	264	---	---	---
SS-5	Botton	03/11/03	8	454	---	---	---
SS-6	Spoil	03/11/03	---	19.8	---	---	---

Further excavation was conducted, to a depth of 15 feet bgs, and confirmation samples were again collected, on April 15, 2003, and analyzed for TPH by method SW-846-8015, including gasoline range (GRO) and diesel range organics (DRO). One soil sample (SS-8) recorded a PID reading greater than 100 ppm, and was additionally analyzed for BTEX. Table 3 presents the laboratory results.

Table 3: Summary of Headspace and Laboratory Analysis of Soil Samples
Dynegy Midstream Services, L. P., Spill Site No. 2
SW/4, Section 1, Township 22 South, Range 37 East
Lea County, New Mexico

Sample No.	Location of Sample	Sample Date	Sample Depth (feet BGS)	PID (ppm)	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg	Benzene mg/kg	Total BTEX mg/kg
RRAL							**1000**	**10**	**50**
SS-7	**S side**	04/15/03	8	55.6	51.8	330.0	381.8	---	---
SS-8	**S side**	04/15/03	14	152.9	1770.0	3500.0	5270.0	0.964	39.764
SS-9	**N side**	04/15/03	8	5.7	<10.0	<10.0	<20.0	---	---
SS-10	**N side**	04/15/03	14	8.0	<10.0	<10.0	<20.0	---	---
SS-11	**E side**	04/15/03	12	68.8	<10.0	22.4	<32.4	---	---
SS-12	**W side**	04/15/03	8	6.4	<10.0	<10.0	<20.0	---	---
Spoil	**Spoil**	04/15/03	---	36.3	<10.0	43.0	<53.0	---	---

Referring to Table 3, all samples obtained from Site #2 on April 15, with the exception of SS-8 (south side at 14 feet bgs), were below the RRAL. Additional soil was excavated from the south side, and final confirmation samples were collected on April 22, 2003. Results of final sampling are shown in Table 4.

Table 4: Summary of Headspace and Laboratory Analysis of Soil Samples
Dynegy Midstream Services, L. P., Spill Site No. 2
SW/4, Section 1, Township 22 South, Range 37 East
Lea County, New Mexico

Sample No.	Location of Sample	Sample Date	Sample Depth (feet BGS)	PID (ppm)	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg	Benzene mg/kg	Total BTEX mg/kg
RRAL							**1000**	**10**	**50**
SS-14	**S side**	04/22/03	18	86.1	<10.0	<10.0	<20.0	---	---
SS-15	**Bottom**	04/22/03	19	1,290	157	236	393	0.066	7.999
Spoil	**Spoil**	04/22/03	---	221	95.7	385	480.7	<0.025	<0.755

Figure 3 shows the dimensions of the Site #2 excavation, the sample locations, and laboratory results. Appendix A presents the laboratory reports. Appendix B presents the State of New Mexico Form C-141.

Referring to Tables 2, 3 and 4, final samples obtained from Site #1 were below the RRAL, therefore, the excavation was filled with blended soil. Clean soil was used to fill the remainder of the excavation.

Dynegy requests that Site #1 and Site #2 be closed. Please contact Mr. Cal Wrangham with Dynegy at (915) 688-0555 or myself at (915) 687-0901 if you have questions.

Sincerely,
Larson & Associates, Inc.

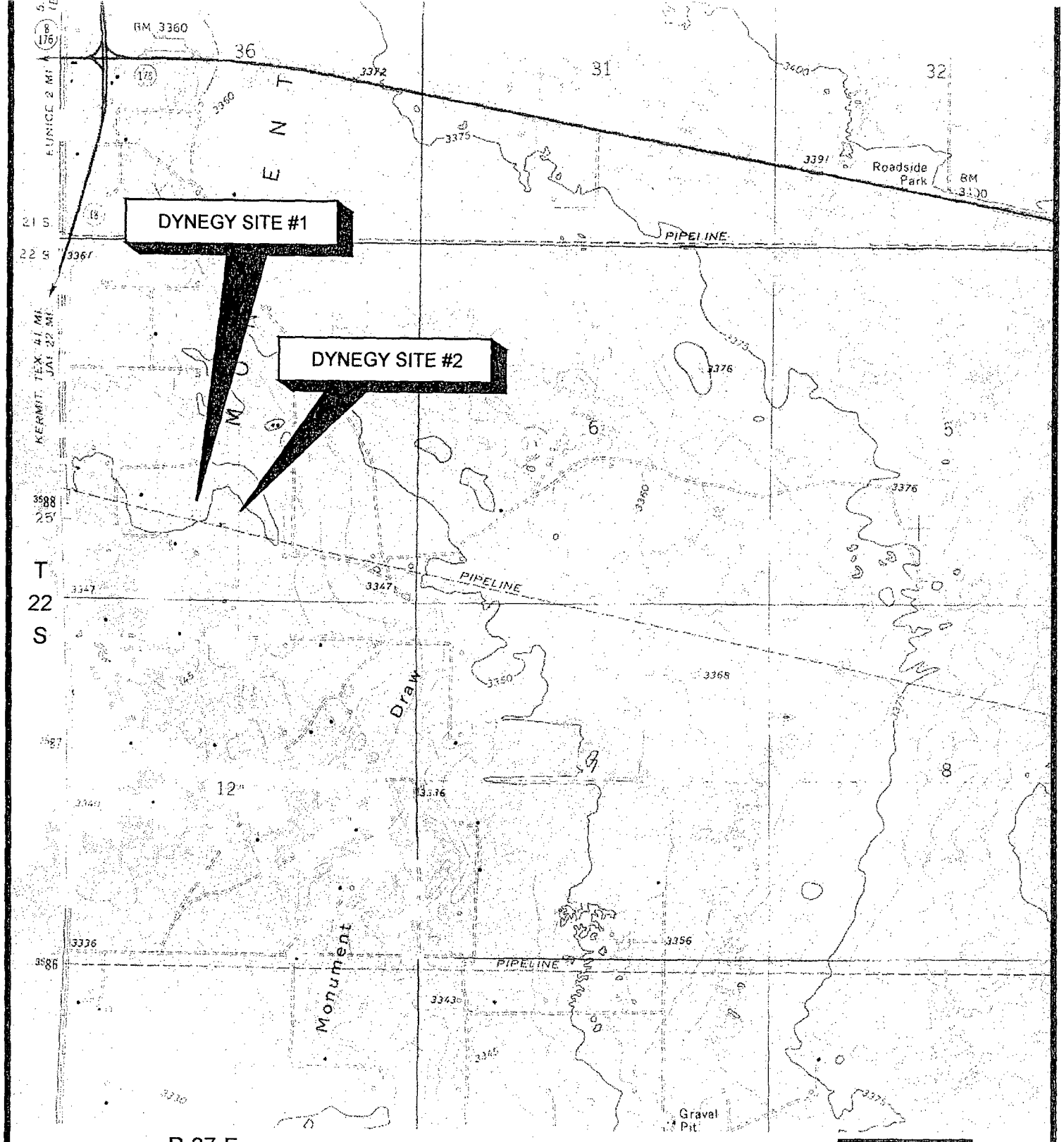
Cindy K. Crain
Geologist

Encl.

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

FIGURES

507 North Marienfeld, Suite 202 ◆ Midland, Texas 79701 ◆ Ph. (915) 687-0901 ◆ Fax (915) 687-0456



TAKEN FROM U.S.G.S.
VERNE & MOXA, WYOMING
7.5' QUADRANGLES

SCALE: 1"=2000'

DATE: 9/27/00
NAME:
FILE: 00-0100

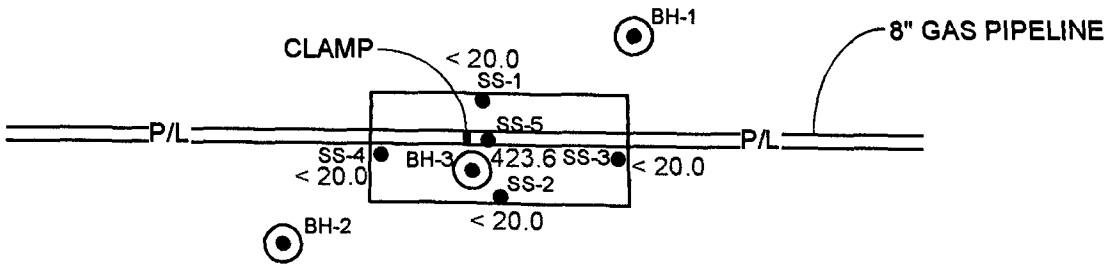
FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

TOPOGRAPHIC MAP
SITE #1&2
SW/4 , SEC. 1, T-22-S, R-37-E

Larson & Associates, Inc.
Environmental Consultants



N

0 20

SCALE in FEET

LEGEND

BH-1 — SOIL BORING LOCATION (8/16/00)

<20.0 — SOIL SAMPLE LOCATION, with TOTAL TPH CONCENTRATION (MG/KG) 3-11-03

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

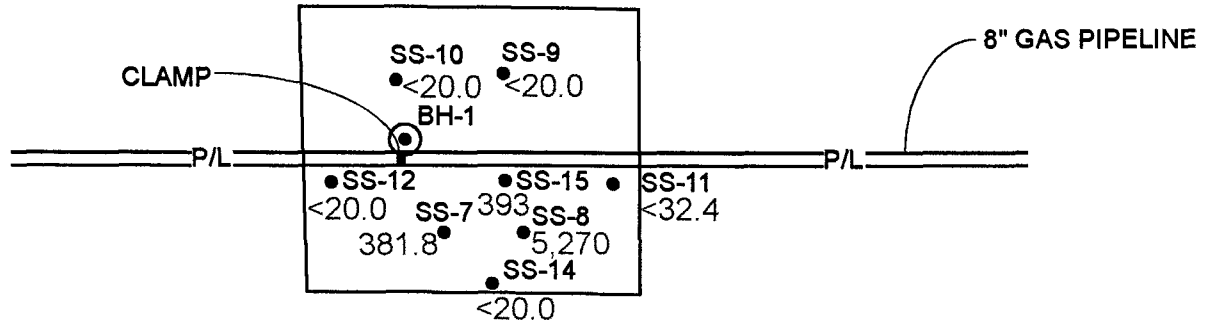
SW/4, SEC. 1, T-22-S, R-37-E

SITE 1

DATE: 7/3/03

PROJECT #: 00-0100

Larson & Associates, Inc.
Environmental Consultants



LEGEND

BH-1 ● SOIL BORING LOCATION (8/17 and 8/18/00)

● SOIL SAMPLE LOCATION, with TOTAL TPH CONCENTRATION (MG/KG) 3/11/03, 4/15/03 and 4/22/03

FIGURE #3

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

SW/4, SEC. 1, T-22-S, R-37-E

SITE 2

DATE: 7/3/03

PROJECT #: 00-0100

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/ Site #01
PO#:	
Order#:	G0305942
Report Date:	03/13/2003

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#: G0305942
Project: 0-0100-01
Project Name: Dynegy/ Site #01
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
0305942-01	SS-1 (2')	SOIL	3/11/03 10:35	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		
0305942-02	SS-2 (2')	SOIL	3/11/03 10:38	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		
0305942-03	SS-3 (1')	SOIL	3/11/03 10:42	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		
0305942-04	SS-4 (1')	SOIL	3/11/03 10:45	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		
0305942-05	SS-5 (2.5')	SOIL	3/11/03 10:50	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		
0305942-06	SS-6 (Spoil)	SOIL	3/11/03 10:59	3/12/03 8:25	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 3.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305942
Project: 0-0100-01
Project Name: Dynegy/ Site #01
Location: None Given

Lab ID: 0305942-01
Sample ID: SS-1 (2')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	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	99%	70	130
1-Chlorooctadecane	88%	70	130

Lab ID: 0305942-02
Sample ID: SS-2 (2')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	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	99%	70	130
1-Chlorooctadecane	89%	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#: G0305942
Project: 0-0100-01
Project Name: Dynegy/ Site #01
Location: None Given

Lab ID: 0305942-03
Sample ID: SS-3 (1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	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	98%	70	130
1-Chlorooctadecane	77%	70	130

Lab ID: 0305942-04
Sample ID: SS-4 (1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	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	99%	70	130
1-Chlorooctadecane	85%	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#: G0305942
Project: 0-0100-01
Project Name: Dynegy/ Site #01
Location: None Given

Lab ID: 0305942-05
Sample ID: SS-5 (2.5')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**33.6**	10.0
DRO, >C12-C35	**390**	10.0
TOTAL, C6-C35	**424**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**97%**	**70**	**130**
1-Chlorooctadecane	**92%**	**70**	**130**

Lab ID: 0305942-06
Sample ID: SS-6 (Spoil)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/12/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**12.1**	10.0
TOTAL, C6-C35	**12.1**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**96%**	**70**	**130**
1-Chlorooctadecane	**82%**	**70**	**130**

Approval: Raland K Tuttle 3-14-03
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#: G0305942
Project: 0-0100-01
Project Name: Dynegy/ Site #01
Location: None Given

Lab ID: 0305942-01
Sample ID: SS-1 (2')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

Lab ID: 0305942-02
Sample ID: SS-2 (2')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

Lab ID: 0305942-03
Sample ID: SS-3 (1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

Lab ID: 0305942-04
Sample ID: SS-4 (1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

Lab ID: 0305942-05
Sample ID: SS-5 (2.5')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

Lab ID: 0305942-06
Sample ID: SS-6 (Spoil)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20.0	mg/kg	1	20	9253	3/12/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN	Order#:	G0305942
LARSON AND ASSOCIATES, INC.	Project:	0-0100-01
P.O. BOX 50685	Project Name:	Dynegy/ Site #01
MIDLAND, TX 79710	Location:	None Given

Approval: Raland K Tuttle 3-14-03

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#: G0305942

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004921-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305942-01	0	952	863	90.7%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305942-01	0	952	884	92.9%	2.4%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004921-05		1000	990	99.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305942

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0004909-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305934-01	88.6	1000	1080	99.1%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305934-01	88.6	1000	1060	97.1%	1.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0004909-04		5000	4960	99.2%	

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: Cindy Crain

PROJECT NO.: 0-0100-01

PROJECT NAME: Site #01

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015 M	PARAMETERS/METHOD NUMBER: Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
3/11/03	1035		✓		SS-1 (2')	1	✓	✓	0305942-01	
"	1038		✓		SS-2 (2')	1	✓	✓	02	
"	1042		✓		SS-3 (1')	1	✓	✓	03	
"	1045		✓		SS-4 (1')	1	✓	✓	04	
"	1050		✓		SS-5 (2.5')	1	✓	✓	05	
"	1059		✓		SS-6 (Spoil)	1	✓	✓	06	

SAMPLED BY: (Signature) Cindy Crain
DATE: 3/11/03
TIME: 1100

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 3/12/03
TIME: 0820

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS: Rec 3.5°C

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: E-LOT
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: TX ZIP: 79763
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: 3-12-03 TIME: 0825

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy/ Site #02

PO#:

Order#: G0306266

Report Date: 04/17/2003

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#: G0306266
Project: 0-0100-02
Project Name: Dynegy/ Site #02
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
0306266-01	SS-7 (8')	SOIL	4/15/03 12:40	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		
0306266-02	SS-8 (14')	SOIL	4/15/03 12:43	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M 8021B/5030 BTEX	Rejected: No		Temp: 10 C		
0306266-03	SS-9 (8')	SOIL	4/15/03 12:47	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		
0306266-04	SS-10 (14')	SOIL	4/15/03 12:49	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		
0306266-05	SS-11 (12')	SOIL	4/15/03 12:51	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		
0306266-06	SS-12 (8')	SOIL	4/15/03 12:53	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		
0306266-07	SS-13 (Spoil)	SOIL	4/15/03 12:54	4/15/03 16:45	4 oz glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 10 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306266
Project: 0-0100-02
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306266-01
Sample ID: SS-7 (8')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**51.8**	10.0
DRO, >C12-C35	**330**	10.0
TOTAL, C6-C35	**382**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**101%**	**70**	**130**
1-Chlorooctadecane	**100%**	**70**	**130**

Lab ID: 0306266-02
Sample ID: SS-8 (14')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**1,770**	10.0
DRO, >C12-C35	**3,500**	10.0
TOTAL, C6-C35	**5,270**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**149%**	**70**	**130**
1-Chlorooctadecane	**151%**	**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#: G0306266
Project: 0-0100-02
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306266-02
Sample ID: SS-8 (14')

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005250-02		4/16/03 23:18	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**0.964**	0.025
Toluene	**1.50**	0.025
Ethylbenzene	**11.7**	0.025
p/m-Xylene	**15.0**	0.025
o-Xylene	**10.6**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**595%**	**80**	**120**
Bromofluorobenzene	**123%**	**80**	**120**

Lab ID: 0306266-03
Sample ID: SS-9 (8')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	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	**97%**	**70**	**130**
1-Chlorooctadecane	**91%**	**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#: G0306266
Project: 0-0100-02
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306266-04
Sample ID: SS-10 (14')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	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	107%	70	130
1-Chlorooctadecane	97%	70	130

Lab ID: 0306266-05
Sample ID: SS-11 (12')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	22.4	10.0
TOTAL, C6-C35	22.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	95%	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#: G0306266
Project: 0-0100-02
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306266-06
Sample ID: SS-12 (8')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	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	101%	70	130
1-Chlorooctadecane	89%	70	130

Lab ID: 0306266-07
Sample ID: SS-13 (Spoil)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/16/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	43.0	10.0
TOTAL, C6-C35	43.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	83%	70	130
1-Chlorooctadecane	74%	70	130

Approval: Jeanne McMurrey 04-18-03
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

QUALITY CONTROL REPORT

8015M

Order#: G0306266

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005245-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0005245-03		1000	798	79.8%	
DUPLICATE SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0306267-01	0		<10.0		0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0005245-05		1000	753	75.3%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306266

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0005250-02			<0.025		
Toluene-mg/kg	0005250-02			<0.025		
Ethylbenzene-mg/kg	0005250-02			<0.025		
p/m-Xylene-mg/kg	0005250-02			<0.025		
o-Xylene-mg/kg	0005250-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306269-03	0	0.1	0.121	121.%	
Toluene-mg/kg	0306269-03	0	0.1	0.115	115.%	
Ethylbenzene-mg/kg	0306269-03	0	0.1	0.113	113.%	
p/m-Xylene-mg/kg	0306269-03	0	0.2	0.239	119.5%	
o-Xylene-mg/kg	0306269-03	0	0.1	0.115	115.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306269-03	0	0.1	0.110	110.%	9.5%
Toluene-mg/kg	0306269-03	0	0.1	0.108	108.%	6.3%
Ethylbenzene-mg/kg	0306269-03	0	0.1	0.106	106.%	6.4%
p/m-Xylene-mg/kg	0306269-03	0	0.2	0.219	109.5%	8.7%
o-Xylene-mg/kg	0306269-03	0	0.1	0.103	103.%	11.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0005250-05		0.1	0.114	114.%	
Toluene-mg/kg	0005250-05		0.1	0.112	112.%	
Ethylbenzene-mg/kg	0005250-05		0.1	0.105	105.%	
p/m-Xylene-mg/kg	0005250-05		0.2	0.214	107.%	
o-Xylene-mg/kg	0005250-05		0.1	0.096	96.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0306266

Project: Dynegy/ Site #02

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 (8')	0306266-01	SOIL	04/15/2003	04/15/2003
SS-8 (14')	0306266-02	SOIL	04/15/2003	04/15/2003
SS-9 (8')	0306266-03	SOIL	04/15/2003	04/15/2003
SS-10 (14')	0306266-04	SOIL	04/15/2003	04/15/2003
SS-11 (12')	0306266-05	SOIL	04/15/2003	04/15/2003
SS-12 (8')	0306266-06	SOIL	04/15/2003	04/15/2003
SS-13 (Spoil)	0306266-07	SOIL	04/15/2003	04/15/2003

Surrogate recoveries on the 8015 TPH and the 8021B BTEX are outside control limits due to matrix interference of coeluting compounds. (0306266-02)

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
Environmental Lab of Texas I, Ltd.

Date: 04-18-03

CHAIN—OF—CUSTODY RECORD

CLIENT NAME:	SITE MANAGER:
Dynegy	C. Crain
PROJECT NO.:	**PROJECT NAME:**
0-0100-02	Site # 02
PAGE 1 OF 1	LAB. PO #

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

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	PARAMETERS/METHOD NUMBER: BTEX 8021B	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
4/15/03	1240		✓		SS-7 (8')	1	✓		0306266-01	
"	1243		✓		SS-8 (14')	1	✓	✓	02	
"	1247		✓		SS-9 (8')	1	✓		03	
"	1249		✓		SS-10 (14')	1	✓		04	
"	1251		✓		SS-11 (12')	1	✓		05	
"	1253		✓		SS-12 (8')	1	✓		06	
"	1254		✓		SS-13 (Spoil)	1	✓		07	

SAMPLED BY: (Signature) Cindy Crain — DATE: 4/15/03 TIME: 1600

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

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

RELINQUISHED BY: (Signature) Cindy Crain — DATE: 4/15/03 TIME: 1645

RECEIVED BY: (Signature) Rubick JO — DATE: 4-15-03 TIME: 1645

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: 12600 W I-20 E
CITY: ____ STATE: ____ ZIP: ____
CONTACT: ____ PHONE: ____

RECEIVED BY: (Signature) Rubick JO
DATE: ____ TIME: ____

Rec 10°C

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/ Site #02
PO#:	
Order#:	G0306324
Report Date:	04/25/2003

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#: G0306324
Project: 0-0100-24
Project Name: Dynegy/ Site #02
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
0306324-01	SS-14 (18')	SOIL	4/22/03 12:58	4/23/03 12:55	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 3 C		
	8015M					
0306324-02	SS-15 (19')	SOIL	4/22/03 12:50	4/23/03 12:55	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 3 C		
	8015M					
	8021B/5030 BTEX					
0306324-03	SS-16 (Spoil)	SOIL	4/22/03 13:12	4/23/03 12:55	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 3 C		
	8015M					
	8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306324
Project: 0-0100-24
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306324-01
Sample ID: SS-14 (18')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/23/03	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	96%	70	130
1-Chlorooctadecane	87%	70	130

Lab ID: 0306324-02
Sample ID: SS-15 (19')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/23/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	157	10.0
DRO, >C12-C35	236	10.0
TOTAL, C6-C35	393	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	92%	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#: G0306324
Project: 0-0100-24
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306324-02
Sample ID: SS-15 (19')

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005320-02		4/24/03 16:21	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**0.066**	0.025
Toluene	**0.603**	0.025
Ethylbenzene	**1.73**	0.025
p/m-Xylene	**3.93**	0.025
o-Xylene	**1.67**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	129%	80	120
Bromofluorobenzene	109%	80	120

Lab ID: 0306324-03
Sample ID: SS-16 (Spoil)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/23/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**95.7**	10.0
DRO, >C12-C35	**385**	10.0
TOTAL, C6-C35	**481**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	96%	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#: G0306324
Project: 0-0100-24
Project Name: Dynegy/ Site #02
Location: None Given

Lab ID: 0306324-03
Sample ID: SS-16 (Spoil)

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005320-02		4/24/03 16:41	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**0.032**	0.025
Ethylbenzene	**0.158**	0.025
p/m-Xylene	**0.416**	0.025
o-Xylene	**0.124**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	99%	80	120

Approval: Raland K Tuttle 4-25-03
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

QUALITY CONTROL REPORT

8015M

Order#: G0306324

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005311-02			<10.0		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0306324-01	0	952	960	100.8%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0306324-01	0	952	970	101.9%	1.%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005311-05		1000	869	86.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306324

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0005320-02			<0.025		
Toluene-mg/kg	0005320-02			<0.025		
Ethylbenzene-mg/kg	0005320-02			<0.025		
p/m-Xylene-mg/kg	0005320-02			<0.025		
o-Xylene-mg/kg	0005320-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306328-04	0	0.1	0.096	96.%	
Toluene-mg/kg	0306328-04	0	0.1	0.093	93.%	
Ethylbenzene-mg/kg	0306328-04	0	0.1	0.091	91.%	
p/m-Xylene-mg/kg	0306328-04	0	0.2	0.186	93.%	
o-Xylene-mg/kg	0306328-04	0	0.1	0.088	88.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306328-04	0	0.1	0.102	102.%	6.1%
Toluene-mg/kg	0306328-04	0	0.1	0.099	99.%	6.3%
Ethylbenzene-mg/kg	0306328-04	0	0.1	0.097	97.%	6.4%
p/m-Xylene-mg/kg	0306328-04	0	0.2	0.199	99.5%	6.8%
o-Xylene-mg/kg	0306328-04	0	0.1	0.095	95.%	7.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0005320-05		0.1	0.107	107.%	
Toluene-mg/kg	0005320-05		0.1	0.105	105.%	
Ethylbenzene-mg/kg	0005320-05		0.1	0.100	100.%	
p/m-Xylene-mg/kg	0005320-05		0.2	0.205	102.5%	
o-Xylene-mg/kg	0005320-05		0.1	0.095	95.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0306324

Project: Dynegy/ Site #02

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-14 (18')	0306324-01	SOIL	04/22/2003	04/23/2003
SS-15 (19')	0306324-02	SOIL	04/22/2003	04/23/2003
SS-16 (Spoil)	0306324-03	SOIL	04/22/2003	04/23/2003

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference of coeluting compounds. (0306324-02)

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: Roland K Tuttle Date: 4-25-03

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: Cindy Crain

PROJECT NO.: 0-0100-24

PROJECT NAME: Site #02

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	PARAMETERS/METHOD NUMBER: BTEX 8021B	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
4/22/03	1258		✓		SS-14 (18')	1	✓		0306324-01	
"	1250		✓		SS-15 (19')	1	✓	✓	02	
"	1312		✓		SS-16 (Spoil)	1	✓	✓	03	

SAMPLED BY: (Signature) Cindy Crain
DATE: 4/22/03
TIME: 1315

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 4/23/03
TIME: 1255

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

RECEIVED BY: (Signature) Rachel Dunn
DATE: 4-23-03 TIME: 1255

SAMPLE CONDITION WHEN RECEIVED: Ice 3°C

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

APPENDIX B

REGULATORY CORRESPONDENCE

District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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: **Dynegy Midstream Services, L. P.**	Contact: **Cal Wrangham @ (915) 688-0542 or Dave Harris @ (505) 394-2534 ext 25**
Address: **PO Box 1909 Eunice, NM 88231**	Telephone No. **(505) 394-2534**
Facility Name: **Eunice Plant Gathering System**	Facility Type: **Gas Plant Low Pressure Gathering Lines**

Surface Owner: **Sims Estates**	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	1	~~21~~**S** 22S	**37E**					**Lea**

NATURE OF RELEASE

Type of Release **Natural Gas**	Volume of Release **approx 100mcf**	Volume Recovered
Source of Release **Pipeline**	Date and Hour of Occurrence **6/28/00 7:00 PM**	Date and Hour of Discovery **Same**
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.*
A 8" Dynegy low pressure gathering pipeline was discovered leaking. The line will be repaired A. M. 6/29/00.

Describe Area Affected and Cleanup Action Taken.*
The leak appears to be gas vapor only. Will confirm this and clean to NMOCD Guidelines when leak is dug out and any impact delineated. Any action/plans will be communicated through Donna Williams of District 1.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.)*
Mid 80 degree daytime temperatures with dry conditions.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Cal Wrangham

Printed Name: **Cal Wrangham**

Title: **ES&H Advisor**

Date: **6/29/00** Phone: **915 688-0542**

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Approval Date: Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary