1R - 430

REPORTS

DATE:

4/29/2004

Larson & Associates, Inc.
Environmental Consultants

April 29, 2004

Mr. William C. Olson, Hydrologist
Environmental Bureau
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Pipeline Spill Remediation Workplan, Dynegy Midstream Services. L.P., Unit Letter J (NW/4, SE/4), Section 31, Township 23 South, Range 37 East, Lea County, New Mexico (Kelly Myers Deep Wells Lease)

Dear Mr. Olson:

Dynegy Midstream Services, L. P. (Dynegy) has retained Larson and Associates, Inc. (LA) to remediate impacts to soil from natural gas liquids (i.e., natural gas condensate) leaks from a natural gas pipeline located in the northeast quarter (NE/4) of the southwest quarter (SW/4), Section 31, Township 23 South, Range 37 East, Lea County, New Mexico (Site #26). Figure 1 presents a Site location and topographic map.

A Remediation Workplan was submitted to the New Mexico Oil Conservation Division (NMOCD) on August 14, 2003, and excavation at Site #26 was approved in a letter dated September 12, 2003. Appendix A provides a copy of the workplan and approval letter.

Current Investigation

On August 13 and 14, 2002, LA personnel supervised installation of two soil borings (BH-1 and BH-2) at Site #26. Scarborough Drilling, Inc. drilled the borings using an air rotary drilling rig. The borings were drilled to approximately 26 feet below ground surface (bgs), and soil samples were collected approximately every five (5) feet using a two-foot long split spoon sampler. 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 sample was 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 jars 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). 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 100.1 ppm isobutylene prior to obtaining headspace readings. The sample from each boring exhibiting the highest PID readings (BH-1, 0-1' and BH-2, 0-1') was analyzed for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) by EPA

method SW-846-8021B, and total petroleum hydrocarbons (TPH) by EPA method SW-846-8015, including gasoline range organics (GRO) and diesel range organics (DRO). The deepest sample collected from each boring (25-26') and one additional sample from each boring (BH-1, 10-11' and BH-2, 15-16') was also analyzed for TPH by EPA method SW-846-8015. All soil samples collected from soil boring BH-1 and BH-2 were analyzed for chloride by EPA method SW-846-9253. A composite sample was collected from soil stockpiled at the Site when repairing the pipeline leak and analyzed for BTEX and TPH. Table 1 presents a summary of the laboratory analyses and PID readings of soil samples from borings BH-1 and BH-2. Figure 2 shows the locations of the soil borings. Appendix B presents the boring logs. Appendix C presents the laboratory analyses.

Based on published literature (1961) and well records of the New Mexico State Engineer (NMSE), groundwater occurs at approximately 120 feet bgs. A domestic water well is located approximately 1000 feet east of the Site. The NMOCD has established 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	**100 mg/kg**

Referring to Table 1, the soil sample from soil boring BH-1 (0-1') showed concentrations of benzene and BTEX below the test method detection limit. Soil samples from boring BH-1 showed concentrations of TPH to be below the test method detection limit at 10-11 feet bgs and 25-26 feet bgs; however TPH concentrations exceeded the RRAL in the sample from 0-1 foot bgs (633.3 mg/kg). Chloride concentrations in soil samples collected from boring BH-1 decreased with depth, except the sample from 20-21 feet bgs (207 mg/kg). The NMOCD does not have a documented RRAL for chloride. The soil sample from soil boring BH-2 (0-1') showed concentrations of benzene and BTEX below the test method detection limit. Soil samples from boring BH-2 showed concentrations of TPH to be below the test method detection limit at 15-16 feet bgs and 25-26 feet bgs; however TPH concentrations exceeded the RRAL in the sample from 0-1 foot bgs (1341 mg/kg). The maximum chloride concentration in soil samples from boring BH-2 was 461 mg/kg at approximately 20-21 feet bgs. The stockpiled soil showed a TPH concentration of 6,813 mg/kg, and was removed from the Site and taken to an NMOCD approved landfarm.

On June 5, 2003, a groundwater sample was collected from the windmill, located approximately 1,000 feet east of Site #26. Approximately five gallons of groundwater were bailed from the well using a dedicated disposable polyethylene bailer, prior to collection of a groundwater sample. The samples were carefully transferred to laboratory-prepared containers, labeled, chilled in an ice chest and delivered under chain-of-custody control to ELOT, and analyzed for BTEX, anions, cations and total dissolved solids (TDS) by ELOT. Table 2, below, provides a summary of the laboratory results.

Appendix C presents the laboratory analysis.

Table 2: Summary of Laboratory Analysis of Groundwater Sample from Water Well (6/5/03)
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Depth to Water (feet)	Benzene mg/L	Total BTEX mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L
121.51	<0.001	<0.005	19.5	4.10	7.78	1.70	8.03	20.4	70

Referring to Table 2, concentrations of benzene and total BTEX in groundwater were below the test method detection limit. Concentrations of chloride, sulfate and TDS were below the New Mexico Water Quality Conservation Commission (NMWQCC) standards of 250 mg/L, 600 mg/L, and 1000 mg/L, respectively. The NMOCD does not have documented groundwater standards for calcium, magnesium, potassium, and sodium.

On June 9, 2003, excavation of impacted soil began at Site #26. LA collected soil samples from the bottom and sides of the excavation at depths of approximately 7 to 23 feet bgs. 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 and chlorides. Table 3 presents a summary of the laboratory analyses of soil from the excavation, and PID readings. Figure 2 shows the sample locations and laboratory results. Appendix C presents laboratory data and chain-of-custody documentation.

Referring to Table 3, TPH concentrations were below the RRAL in samples collected from the west (SS-4) and south (SS-7) sides of the excavation. The maximum chloride concentrations were shown in samples collected from the north end of the excavation (SS-1, 1490 mg/kg and SS-8, 1310 mg/kg).

Excavation continued at Site #26 until samples were collected from the bottom of the excavation on July 9, 2003. 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. Soil samples were analyzed for BTEX and TPH. A fingerprint analysis was conducted on sample SS-9 by gas chromatograph (GC/FID) methods. Table 3 presents a summary of the laboratory analyses of soil from the excavation. Table 4, below, presents a summary of the fingerprint analysis. Figure 2 shows the sample locations and laboratory results. Appendix C presents laboratory data and chain-of-custody documentation.

Referring to Table 3, TPH concentrations in samples SS-9 (4,800 mg/kg) and SS-10 (411.3 mg/kg) exceeded the RRAL. Benzene and total BTEX concentrations also exceeded the RRAL in sample SS-9, with concentrations of 12.4 mg/kg and 214.7 mg/kg, respectively.

Table 4: Summary of Fingerprint Analysis of Soil Sample
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Sample Number	Sample Date	Sample Location	Sample Depth (feet bgs)	C6-C8 %	C8-C10 %	C10-C12 %	C12-C16 %	C16-C21 %	C21-C35 %
—	6/4/2003	Pipeline	—	2.5	16.5	17.1	27.3	18.6	17.9
SS-9	7/9/2003	Bottom; center	27	12.1	16.7	14.3	23.5	21.1	12.3

Referring to Table 4, percentages of hydrocarbon constituents from sample SS-9 closely resemble those of a phase separated hydrocarbon (PSH) sample collected from the pipeline at Site #26 on June 4, 2003. The greatest concentration in each sample is found in the C12 to C16 hydrocarbon range, which is consistent with a light crude oil. Appendix C presents laboratory data and chain-of-custody documentation.

From January 28, 2004 to February 19, 2004, excavation continued at Site #26 to a depth of approximately 60 feet bgs. The majority of the soil was taken to an NMOCD approved landfill. On May 2, 2004, LA personnel installed a direct-push soil boring (GP-1) in the bottom of the excavation. LA used direct-push technology (Terraprobe®) to drill the boring, and samples were collected from approximately 60 to 76 feet bgs using a stainless steel core barrel and dedicated sample liners.

The soil samples were collected in four-foot increments and two (2) foot composite samples (i.e., 60-62', 62-64', 64-66', etc.) from each interval were placed in clean glass sample jars, labeled, chilled in an ice chest, and hand delivered under chain-of-custody control to ELOT. A duplicate of each composite sample was also placed in a clean glass sample jar for headspace analysis, as described above. Each 2-foot composite sample was analyzed for BTEX and TPH. Table 5 presents a summary of the laboratory analyses and PID readings of soil samples from boring GP-1. Figure 2 shows the locations of the soil boring. Appendix B presents the boring log. Appendix C presents the laboratory analyses.

Referring to Table 5, the TPH concentration in all samples exceeded the RRAL. Benzene concentrations exceeded the RRAL in samples collected from 68 to 70 feet bgs (15.9 mg/kg) and from 72 to 74 feet bgs (18.0 mg/kg). Total BTEX concentrations exceeded the RRAL in all samples

except the samples from 64 to 66 feet (47.09 mg/kg) bgs and 66 to 68 feet (16.49 mg/kg) bgs. Four soil samples from boring GP-1 were additionally analyzed by the synthetic precipitation leaching procedure (SPLP) to assess the leaching potential for BTEX. The SPLP closely simulates the leaching effects of compounds as would occur in the natural environment. Table 6, below, presents a summary of the SPLP analyses.

Table 6: Summary of SPLP Analysis of Soil Samples from Soil Boring
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Borehole Number	Sample Date	Sample Depth (feet BGS)	Benzene mg/L	Toluene mg/L	Ethylbenzene mg/L	Xylene (p/m) mg/L	Xylene (o) mg/L
Standard (WQCC)			0.01	0.75	0.75	0.62	
GP-1	03/02/04	60-62	ND	0.0448	0.149	0.240	0.133
	03/02/04	68-70	0.00179	0.195	0.289	0.394	0.240
	03/02/04	72-74	0.0497	0.966	0.793	1.130	0.451
	03/02/04	74-76	ND	0.0708	0.149	0.387	0.219

Referring to Table 6, concentrations of benzene, toluene and ethylbenzene were below the NMWQCC drinking water standard of 0.01 mg/L, 0.75 mg/L, and 0.75 mg/L (respectively) in all samples except the sample from 72 to 74 feet bgs (0.0497 mg/L, 0.966 mg/L, and 0.793 mg/L, respectively). Xylene exceeded the NMWQCC drinking water standard of 0.62 mg/L in the samples from 68 to 70 feet bgs (0.634 mg/L) and 72 to 74 feet bgs (1.581 mg/L).

Dynegy proposes to discontinue excavating soil from Site #26, and install a barrier to restrict further leaching of hydrocarbons from the soil below 60 feet bgs. The excavation will be filled with clean soil to a depth of approximately six (6) feet bgs, and a layer of compacted clay, approximately three (3) feet thick will be placed over the fill in three (3) lifts of one foot each. The clay barrier will be slightly crowned, compacted to achieve 95% proctor density, and a licensed professional engineer will perform field tests following the compaction of each lift.

The majority of the soil removed from the excavation was taken to an NMOCD approved landfarm. The remaining soil will be blended until TPH concentrations are below the RRAL, and will be placed in the excavation before installing the clay barrier. Approximately three (3) feet of topsoil will be placed over the clay barrier. A final report will be submitted to the NMOCD upon completion.

If you should have any questions, please contact Mr. Cal Wrangham with Dynegy at (432) 688-0542 of myself at (432) 687-0901. I can also be reached by e-mail at Cindy@laenvironmental.com.

Sincerely,
Larson & Associates, Inc.

Cindy K. Crain, CPG
Project Manager

CC: Mr. Cal Wrangham, Dynegy
Mr. Dave Harris, Dynegy
Mr. Roger Holland, Dynegy
Mr. Larry Johnson, OCD, Division I

TABLES

Table 1: **Summary of Headspace and Laboratory Analysis of Soil Samples**
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Borehole Number	Sample Date	Sample Depth (feet BGS)	PID (ppm)	Benzene mg/kg	Total BTEX mg/kg	GRO C6-C10 mg/kg	DRO <C10-C28 mg/kg	TPH (C6-C28) mg/kg	Chloride mg/kg
Standard (WQCC)				**10**	**50**			**1000**	**250**
BH-1	8/13/2002	0-1	63.9	<0.025	<0.125	20.3	613.0	633.3	1380.0
	8/13/2002	5-6	16.9	---	---	---	---	---	354.0
	8/13/2002	10-11	46.8	---	---	<10.0	<10.0	<20.0	35.4
	8/13/2002	15-16	15.5	---	---	---	---	---	53.2
	8/13/2002	20-21	1.4	---	---	---	---	---	207.0
	8/13/2002	25-26	0.1	---	---	<10.0	<10.0	<20.0	70.9
BH-2	8/14/2002	0-1	78.8	<0.025	<0.125	101.0	1240.0	1341.0	337.0
	8/14/2002	5-6	14.3	---	---	---	---	---	35.4
	8/14/2002	10-11	25.3	---	---	---	---	---	35.4
	8/14/2002	15-16	37.8	---	---	<10.0	<10.0	<20.0	177.0
	8/14/2002	20-21	0.1	---	---	---	---	---	461.0
	8/14/2002	25-26	0.2	---	---	<10.0	<10.0	<20.0	253.0
Composite	8/14/2002	---	---	<0.025	3.183	453.0	6360.0	6813.0	---

Notes:
1. BGS: Depth in feet below ground surface
2. PID: Photoionization detector
3. ppm: Parts per million
4. GRO: Gasoline-range organics
5. DRO: Diesel-range organics
6. TPH: Total petroleum hydrocarbons (Sum of GRO + DRO)
7. mg/kg Milligrams per kilogram
8. ---: No data available
9. <: Below method detection limit

All analyses performed by Environmental Lab of Texas I, Ltd., Midland, Texas

Table 2: Summary of Laboratory Analysis of Groundwater Sample from Water Well (6/5/03)
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Depth to Water (feet bgs)	Benzene mg/L	Total BTEX mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L
121.51	<0.001	<0.005	19.5	4.10	7.78	1.70	8.03	20.4	70

Notes: All analyses performed by Environmental Lab of Texas I, Ltd.,
1. Bgs: Below ground surface
2. mg/L: Milligrams per liter
2. <: Below the test method detection limit

Table 3: Summary of Headspace and Laboratory Analysis of Soil Samples from Excavation
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Sample Number	Sample Date	Sample Location	Sample Depth (feet BGS)	PID (ppm)	Benzene mg/kg	Total BTEX mg/kg	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg	Chloride mg/kg
Standard (WQCC)					**10**	**50**			**100**	**250**
SS-1	06/10/03	North wall	9	181	---	---	158	2,540	2,698	1,490
SS-2	06/10/03	Bottom	12	779	---	---	---	---	---	---
SS-3	06/10/03	Bottom	23	842	---	---	---	---	---	---
SS-4	06/10/03	West side	21	21.4	---	---	<10.0	16.8	16.8	319
SS-5	06/10/03	South end; east side	21	41.6	---	---	26.2	600	626.2	177
SS-6	06/10/03	North side	8	17.4	---	---	<10.0	492	492	248
SS-7	06/10/03	South side	20	9.8	---	---	<10.0	59.1	59.1	248
SS-8	06/10/03	North end; east side	7	11.8	---	---	14.4	1,940	1,954.4	1,310
SS-9	07/09/03	Bottom; center	27	---	12.4	214.7	1,780	3,020	4,800	---
SS-10	07/09/03	Bottom; southeast	27	---	<0.025	0.558	83.3	328	411.3	---
SS-11	07/09/03	Bottom; south central	27	---	<0.025	<0.125	<10.0	33.5	33.5	---

Notes: All analyses performed by Environmental Lab of Texas I, Ltd., Midland, Texas
1. BGS: Depth in feet below ground surface
2. PID: Photoionization detector
3. ppm: Parts per million
4. GRO: Gasoline-range organics
5. DRO: Diesel-range organics
6. TPH: Total petroleum hydrocarbons (Sum of GRO + DRO)
7. mg/kg Milligrams per kilogram
8. ---: No data available
9. <: Below method detection limit

Table 4: Summary of Fingerprint Analysis of Soil Sample
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Sample Number	Sample Date	Sample Location	Sample Depth (feet bgs)	C6-C8 %	C8-C10 %	C10-C12 %	C12-C16 %	C16-C21 %	C21-C35 %
---	6/4/2003	Pipeline	---	2.5	16.5	17.1	27.3	18.6	17.9
SS-9	7/9/2003	Bottom; center	27	12.1	16.7	14.3	23.5	21.1	12.3

Notes: All analyses performed by Environmental Lab of Texas I, Ltd., Midland, Texas

Table 5: Summary of Headspace and Laboratory Analysis of Soil Samples from Soil Boring
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Borehole Number	Sample Date	Sample Depth (feet BGS)	PID (ppm)	Benzene mg/kg	Total BTEX mg/kg	GRO C6-C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg
Standard (WQCC)				**10**	**50**			**100**
GP-1	03/02/04	60-62	1369	3.35	61.96	1,990	3,800	5,790
	03/02/04	62-64	1999	3.53	127.93	2,020	3,740	5,760
	03/02/04	64-66	1999	2.03	47.09	1,080	3,100	4,180
	03/02/04	66-68	85	0.59	16.49	104	268	372
	03/02/04	68-70	1999	15.90	207.10	2,910	5,640	8,550
	03/02/04	70-72	1582	1.72	72.25	1,610	3,790	5,400
	03/02/04	72-74	1999	18.00	222.40	3,610	6,280	9,890
	03/02/04	74-76	1747	2.12	73.39	1,750	3,970	5,720

Notes: All analyses performed by Environmental Lab of Texas I, Ltd., Midland, Texas

1. BGS: Depth in feet below ground surface
2. PID: Photoionization detector
3. ppm: Parts per million
4. GRO: Gasoline-range organics
5. DRO: Diesel-range organics
6. TPH: Total petroleum hydrocarbons (Sum of GRO + DRO)
7. mg/kg Milligrams per kilogram
8. ---: No data available
9. <: Below method detection limit

Table 6: Summary of SPLP Analysis of Soil Samples from Soil Boring
Dynegy Midstream Services, L. P., Spill Site No. 26
NW/4, SE/4, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico

Borehole Number	Sample Date	Sample Depth (feet BGS)	Benzene mg/L	Toluene mg/L	Ethylbenzene mg/L	Xylene (p/m) mg/L	Xylene (o) mg/L
Standard (WQCC)			**0.01**	**0.75**	**0.75**	**0.62**	
GP-1	03/02/04	60-62	ND	0.0448	0.149	0.240	0.133
	03/02/04	68-70	0.00179	0.195	0.289	0.394	0.240
	03/02/04	72-74	0.0497	0.966	0.793	1.130	0.451
	03/02/04	74-76	ND	0.0708	0.149	0.387	0.219

Notes: All analyses performed by Environmental Lab of Texas I, Ltd., Midland, Texas

1. BGS: Depth in feet below ground surface
2. mg/L Milligrams per liter
3. ND: Non-detectable

FIGURES

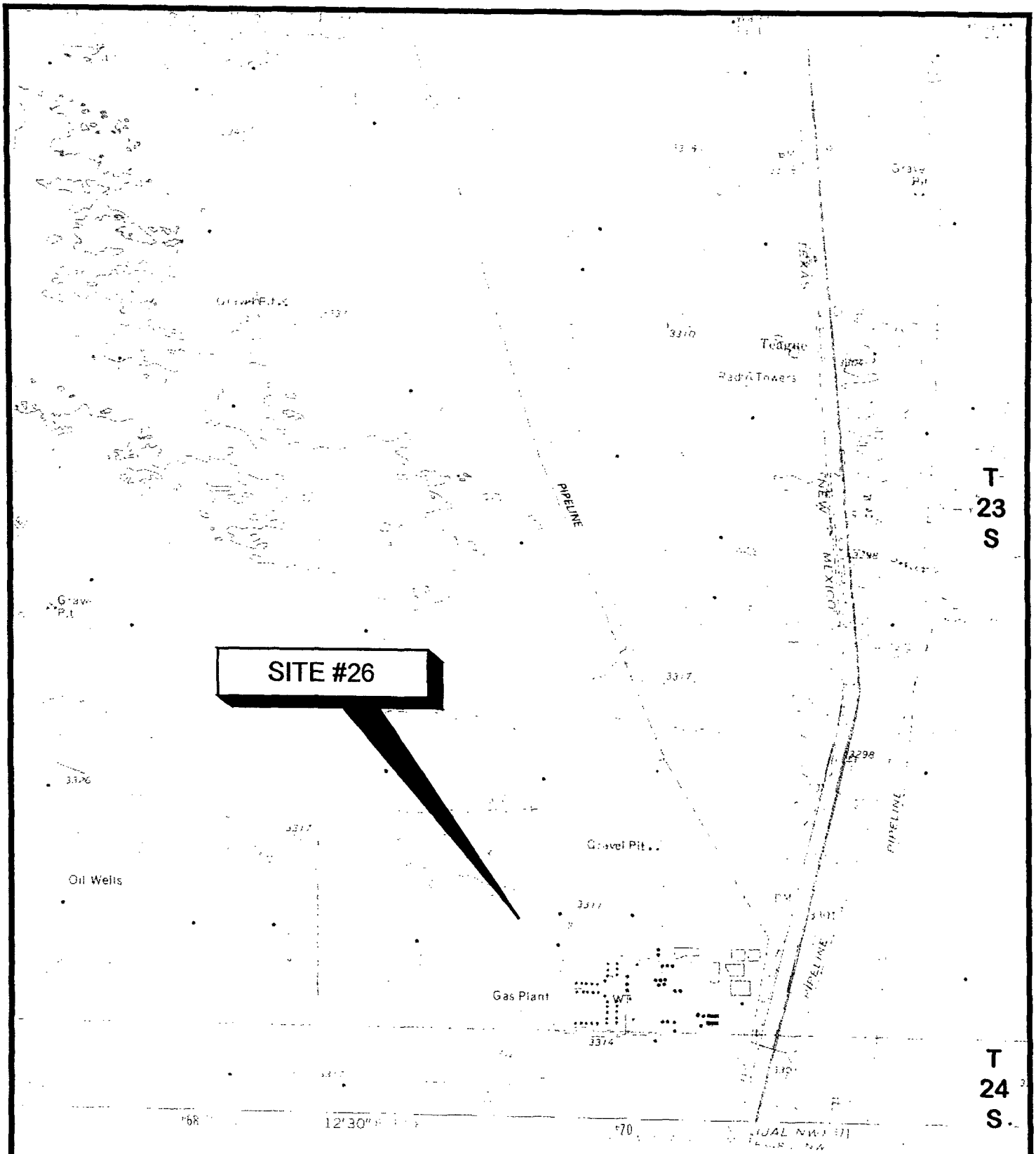


FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #26

NW/4, SE/4, SECTION 31, T-23-S, R-37-E

TOPOGRAPHIC MAP

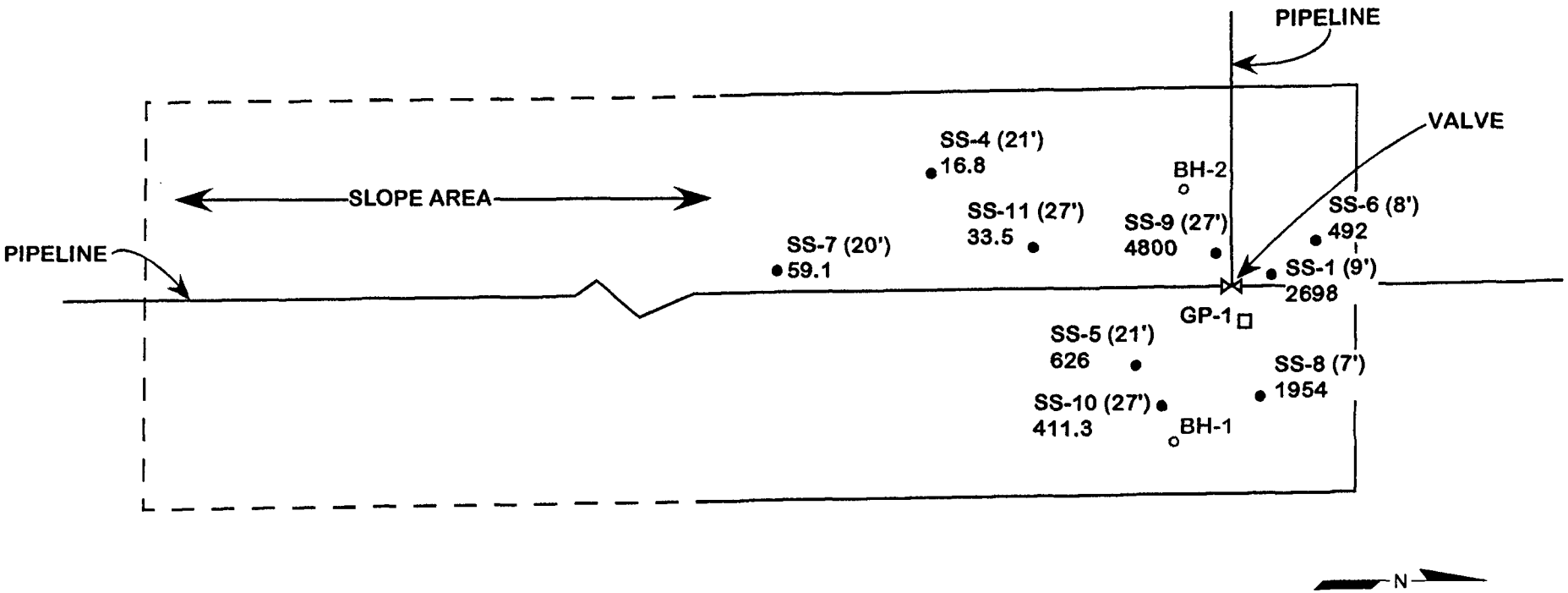
TAKEN FROM U.S.G.S.
RATTLESNAKE CANYON, N. MEX. 1979
7.5' QUADRANGLES

N

SCALE: 1"=2000'

DATE: 04/19/04
NAME:
FILE:

Larson & Associates, Inc.
Environmental Consultants



LEGEND

- SS-1 / 2698 — SOIL SAMPLE LOCATION, with TPH CONCENTRATION, (Mg/L)
- BH-1 — SOIL BORING LOCATION (8/13 and 8/14/02)
- GP-1 — SOIL BORING LOCATION (3/2/04)

0 20 50

SCALE in FEET

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.

SITE #26

NW/4, SE/4, SECTION 31, T-23-S, R-37-E

SITE DRAWING

DATE: 04/19/04

NAME:

FILE:

Larson & Associates, Inc.
Environmental Consultants

APPENDIX A

NMOCD CORRESPONDENCE

August 14, 2003

VIA FACSIMILE: (505) 393-0720

Mr. Larry Johnson
Oil Conservation Division – District I
New Mexico Energy, Minerals and Natural Resources Department
1625 North French Drive
Hobbs, New Mexico 88240

Re: Pipeline Spill Remediation Workplan, Dynegy Midstream Services. L.P., Unit Letter J (NE/4, SW/4), Section 31, Township 23 South, Range 37 East, Lea County, New Mexico (Kelly Myers Deep Wells Lease)

Dear Mr. Johnson:

Dynegy Midstream Services, L. P. (Dynegy) has retained Larson and Associates, Inc. (LA) to remediate impacts to soil from natural gas liquids (i.e., natural gas condensate) spills at two locations (Site #26 and Site #45) in the northeast quarter (NE/4) of the southwest quarter (SW/4), Section 31, Township 23 South, Range 37 East, Lea County, New Mexico. The spills occurred along a section of pipeline trending south to north. The spill at the northernmost Site (Site #45) was encountered on June 4, 2003, and a Release Notification and Corrective Action form (Form C-141) was submitted to the State of New Mexico Oil Conservation Division (NMOCD). A copy of the C-141 is attached.

LA personnel were on site June 5, 2003 to collect soil samples at Site #45 for laboratory analysis. At a depth of approximately nine (9) feet below ground surface (bgs), additional soil staining was encountered. Excavation was continued from June 5 to July 2, 2003, until no further impacted soil was observed.

Dynegy observed an additional spill on the pipeline, approximately 500 feet south of Site #45. While awaiting laboratory results of samples collected at Site #45, Dynegy began remediation of the spill site to the south (Site #26). As of July 2, 2003, the horizontal limits of impacted soil had been determined; however, no vertical limits had been defined. The excavation of Site #26 has been halted at a depth of 35 feet bgs, pending approval of this workplan.

Dynegy proposes to continue excavation of Site #26 until a vertical limit of impact is defined, and Recommended Remediation Action Levels (RRALs) can be calculated. Laboratory results from soil collected at Site #45 and Site #26 will be compared to the calculated RRALs, and excavation will continue until laboratory results exhibit soil concentrations below the RRAL.

A report will be submitted to the NMOCD following completion of activities, prior to backfilling of the excavations.

If you should have any questions, please contact Mr. Cal Wrangham with Dynegy at (432) 688-0542 of myself at (432) 687-0901. I can also be reached by e-mail at Cindy@laenvironmental.com.

Sincerely,

Cindy K. Crain
Project Manager/Geologist

CC: Mr. Cal Wrangham, Dynegy
Mr. Dave Harris, Dynegy
Mr. Roger Holland, Dynegy

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

September 12, 2003

Mr. Dave Harris hdae@dynegy.com
Dynegy Midstream Services, L.P.
P.O. Box 1909
Eunice, NM 88231

Re: Delineation Work Plan Approval, Site #26 Kelly Myers Deep Well Ranch
Site Reference UL-J, Sec-31 T-23S R-37E
Initial C-141 Notification Dated: 6-23-03
Request Plan Dated: 8-14-03

Dear Mr. Harris,

The Delineation Work Plan Proposal submitted to the New Mexico Oil Conservation Division (OCD) by Larson & Associates for Dynegy Midstream Services, L.P. is **hereby approved** with the following conditions:

- 48 hour notification to OCD prior to all anticipated final (closure) sampling events to provide OCD opportunity to witness and/or split samples
- Submittal of closure plan as per guidelines for OCD approval prior to any backfill event

Please be advised that OCD approval of this plan does not relieve Dynegy Midstream Services, L.P. of liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. Additionally, OCD approval does not relieve Dynegy Midstream Services, L.P. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance please call (505) 393-6161, x111
or email lwjohnson@state.nm.us

Sincerely,

Larry Johnson - Environmental Engineer

Cc:
Chris Williams - District I Supervisor
Paul Sheeley - Environmental Engineer
Cindy Crain - Larson & Associates

APPENDIX B

BOREHOLE LOGS

Client: Dynegy Midstream Services, L.P.

Project: Site #26

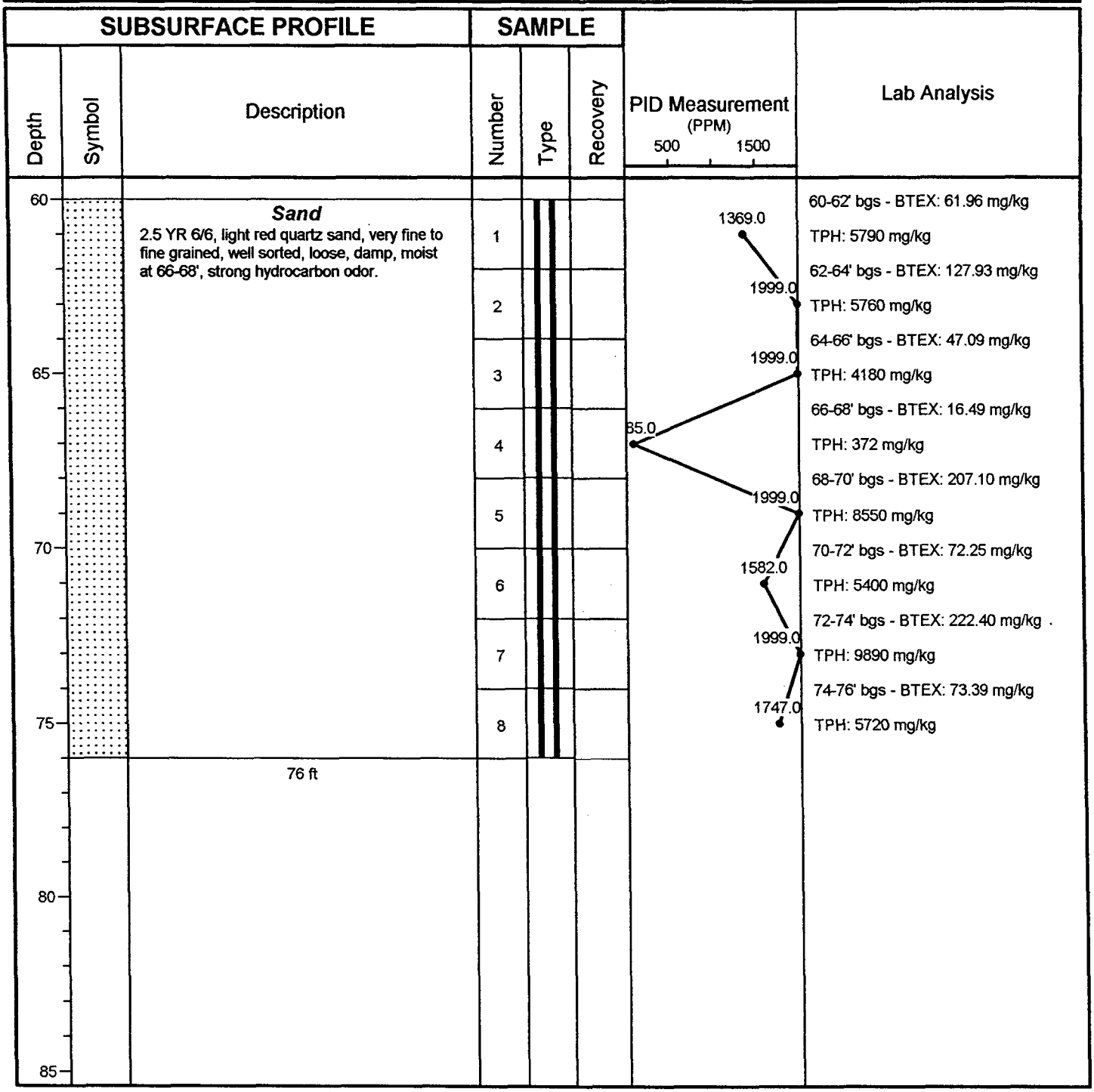
Project No: 0-0100-26

Location: NW/SE, Sec. 31, T23S, R37E, Lea Co., NM

Log of Borehole: GP-1

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Direct Push

Date Drilled: 3/2/04

Hole Size: 2"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(915) 687-0901

Checked by: CKC

Drilled by: Larson & Associates

Client: Dynegy Midstream Services, L.P.

Project: Site #26

Project No: 0-0100-26

Location: NW/SE, Sec. 31, T23S, R37E, Lea Co., NM

Log of Borehole: BH-1

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID Measurement (PPM) 25 50	Lab Analysis
0		Ground Surface					
		Sand 5 YR 5/6, yellowish red quartz sand, very fine grained, poorly sorted, loose.	1			64.0	0-1' bgs TPH: 633 mg/kg BTEX: <0.125 mg/kg Chlorides: 1380 mg/kg
5		***Silty Clay*** 10 YR 2/1, black, very fine grained, very poorly sorted, hydrocarbon stained, soft, non-plastic clay.	2			17.0	5-6' bgs Chlorides: 354 mg/kg
10			3			47.0	10-11' bgs TPH: <20 mg/kg Chlorides: 35.4 mg/kg
15		***Caliche*** 5 YR 7/2 to 4/1, pinkish gray to dark gray quartz sand, some hydrocarbon staining, very fine grained, very poorly sorted, indurated.	4			16.0	15-16' bgs Chlorides: 53.2 mg/kg
20		***Sand*** 5 YR 7/4, pink quartz sand, very fine grained, poorly sorted, loose.	5			1.0	20-21' bgs Chlorides: 207 mg/kg
25			6			0.0	25-26' bgs TPH: <20 mg/kg Chlorides: 70.9 mg/kg
30							
35							

Drilling Method: Air Rotary

Date Drilled: 8/13/02

Hole Size: 8"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(915) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Site #26

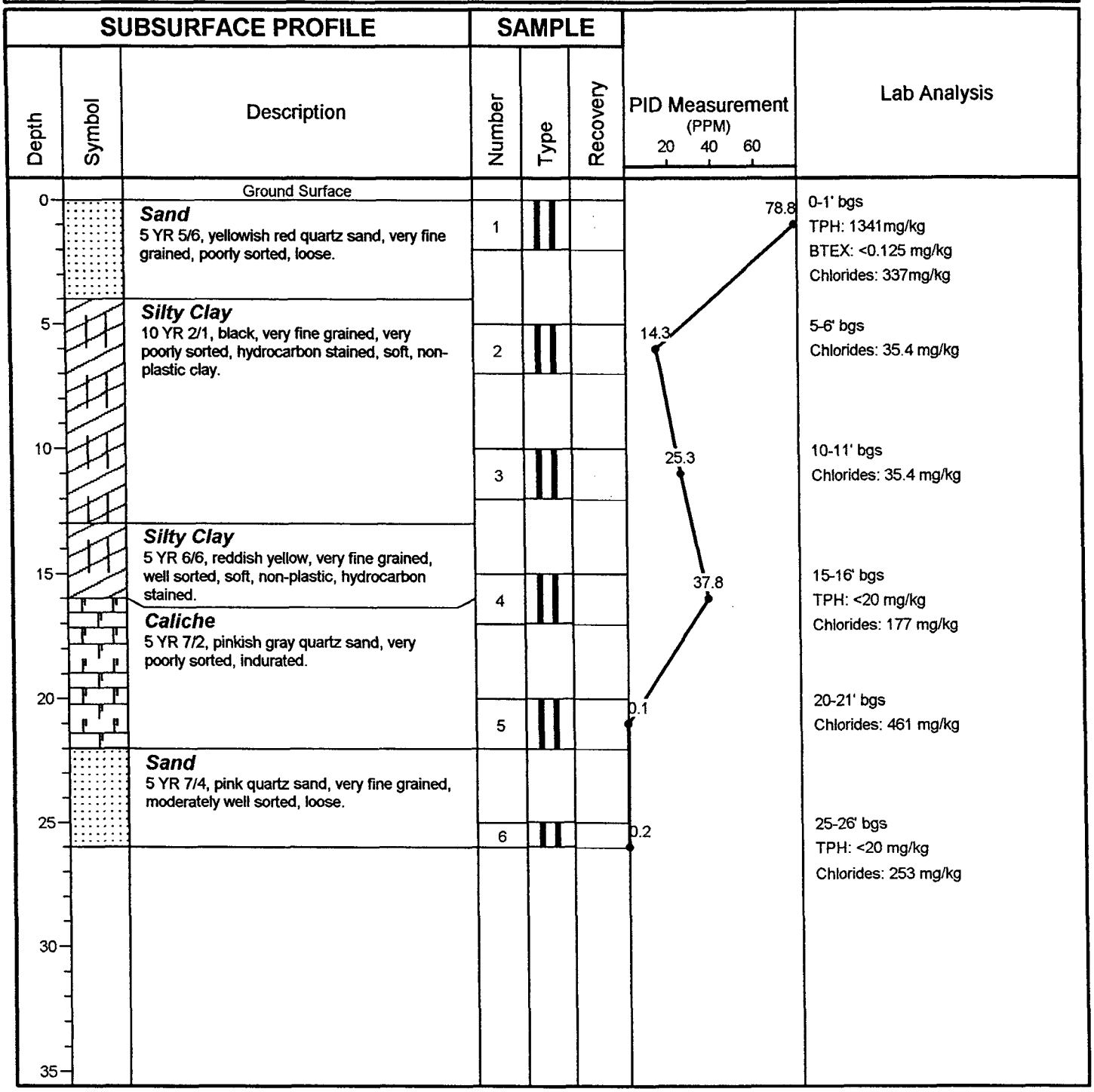
Project No: 0-0100-26

Location: NW/SE, Sec. 31, T23S, R37E, Lea Co., NM

Log of Borehole: BH-2

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Air Rotary

Date Drilled: 8/14/02

Hole Size: 8"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(915) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

APPENDIX C

LABORATORY DATA AND CHAIN-OF-CUSTODY DOCUMENTATION

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy/ Site No. 26

PO#:

Order#: G0204237

Report Date: 08/22/2002

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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
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
0204237-01	BH-1 (0-1')	SOIL	8/13/02 13:50	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-02	BH-1 (5-6')	SOIL	8/13/02 14:00	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-03	BH-1 (10-11')	SOIL	8/13/02 14:10	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-04	BH-1 (15-16')	SOIL	8/13/02 14:18	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-05	BH-1 (20-21')	SOIL	8/13/02 14:26	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-06	BH-1 (25-26')	SOIL	8/13/02 14:38	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204237-07	BH-2 (0-1')	SOIL	8/14/02 8:40	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX	**Rejected:** No		**Temp:** 1.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
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
	Chloride					
0204237-08	BH-2 (5-6')	SOIL	8/14/02 8:50	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 C		
	Chloride					
0204237-09	BH-2 (10-11')	SOIL	8/14/02 9:00	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 C		
	Chloride					
0204237-10	BH-2 (15-16')	SOIL	8/14/02 9:07	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 C		
	8015M					
	Chloride					
0204237-11	BH-2 (20-21')	SOIL	8/14/02 9:15	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 C		
	Chloride					
0204237-12	BH-2 (25-26')	SOIL	8/14/02 9:30	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 C		
	8015M					
	Chloride					
0204237-13	Composite	SOIL	8/14/02 16:45	8/15/02 16:10	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 1.0 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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-01
Sample ID: BH-1 (0-1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**20.3**	10.0
DRO, >C12-C35	**613**	10.0
TOTAL, C6-C35	**633**	10.0

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002917-02		8/20/02 16:51	1	25	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**96%**	**73**	**115**
Bromofluorobenzene	**116%**	**72**	**110**

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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-03
Sample ID: BH-1 (10-11')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	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

Lab ID: 0204237-06
Sample ID: BH-1 (25-26')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	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

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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-07
Sample ID: BH-2 (0-1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**101**	10.0
DRO, >C12-C35	**1,240**	10.0
TOTAL, C6-C35	**1,341**	10.0

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002917-02		8/20/02 17:13	1	25	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**97%**	**73**	**115**
Bromofluorobenzene	**116%**	**72**	**110**

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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-10
Sample ID: BH-2 (15-16')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	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

Lab ID: 0204237-12
Sample ID: BH-2 (25-26')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/19/02	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

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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-13
Sample ID: Composite

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/20/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**453**	10.0
DRO, >C12-C35	**6,360**	10.0
TOTAL, C6-C35	**6,813**	10.0

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002917-02		8/21/02 14:47	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Ethylbenzene	**0.251**	0.025
Toluene	**0.157**	0.025
p/m-Xylene	**1.67**	0.025
o-Xylene	**1.08**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**136%**	**73**	**115**
Bromofluorobenzene	**109%**	**72**	**110**

Approval: Celey D. Keene 8/22/02
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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-01
Sample ID: BH-1 (0-1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1380	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-02
Sample ID: BH-1 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	354	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-03
Sample ID: BH-1 (10-11')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	35.4	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-04
Sample ID: BH-1 (15-16')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	53.2	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-05
Sample ID: BH-1 (20-21')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	207	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-06
Sample ID: BH-1 (25-26')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	70.9	mg/kg	1	20.0	9253	8/17/02	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#: G0204237
Project: 0-0100-26
Project Name: Dynegy/ Site No. 26
Location: None Given

Lab ID: 0204237-07
Sample ID: BH-2 (0-1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	337	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-08
Sample ID: BH-2 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	35.4	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-09
Sample ID: BH-2 (10-11')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	35.4	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-10
Sample ID: BH-2 (15-16')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	177	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-11
Sample ID: BH-2 (20-21')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	461	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204237-12
Sample ID: BH-2 (25-26')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	253	mg/kg	1	20.0	9253	8/17/02	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Cindy Crain		Order#:	G0204237
LARSON AND ASSOCIATES, INC.		Project:	0-0100-26
P.O. BOX 50685		Project Name:	Dynegy/ Site No. 26
MIDLAND, TX 79710		Location:	None Given

Approval: Raland K Tuttle 8-22-02

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#: G0204237

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0002913-02			<10.0		
TOTAL, C6-C35-mg/kg	0002914-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0002914-03		2000	2450	122.5%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0002914-04		2000	2410	120.5%	1.6%
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0204239-05	0	2000	2170	108.5%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0204239-05	0	2000	2160	108.%	0.5%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0002913-05		1000	981	98.1%	
TOTAL, C6-C35-mg/kg	0002914-05		1000	950	95.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204237

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0002917-02			<0.025		
Ethylbenzene-mg/kg	0002917-02			<0.025		
Toluene-mg/kg	0002917-02			<0.025		
p/m-Xylene-mg/kg	0002917-02			<0.025		
o-Xylene-mg/kg	0002917-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0204271-04	0	0.1	0.103	103.%	
Ethylbenzene-mg/kg	0204271-04	0	0.1	0.105	105.%	
Toluene-mg/kg	0204271-04	0	0.1	0.105	105.%	
p/m-Xylene-mg/kg	0204271-04	0	0.2	0.218	109.%	
o-Xylene-mg/kg	0204271-04	0	0.1	0.104	104.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0204271-04	0.103	0.1	0.100	100.%	3.%
Ethylbenzene-mg/kg	0204271-04	0.105	0.1	0.103	103.%	1.9%
Toluene-mg/kg	0204271-04	0.105	0.1	0.102	102.%	2.9%
p/m-Xylene-mg/kg	0204271-04	0.218	0.2	0.213	106.%	2.3%
o-Xylene-mg/kg	0204271-04	0.104	0.1	0.102	102.%	1.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0002917-05		0.1	0.104	104.%	
Ethylbenzene-mg/kg	0002917-05		0.1	0.107	107.%	
Toluene-mg/kg	0002917-05		0.1	0.106	106.%	
p/m-Xylene-mg/kg	0002917-05		0.2	0.222	111.%	
o-Xylene-mg/kg	0002917-05		0.1	0.106	106.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0204237

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0002894-01			<20.0		
Chloride-mg/kg	0002895-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0204236-10	53.2	1000	1050	99.7%	
Chloride-mg/kg	0204237-10	177	1000	1170	99.3%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0204236-10	53.2	1000	1050	99.7%	0.%
Chloride-mg/kg	0204237-10	177	1000	1150	97.3%	1.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0002894-04		5000	4960	99.2%	
Chloride-mg/kg	0002895-04		5000	4960	99.2%	

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.: 0-0100-26

PROJECT NAME: Site No. 26

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)
8/13/02	1350		✓		B11-1 (0-1')	1	✓	✓	✓	0204237-01	
"	1400		✓		B11-1 (5-6')	1			✓	02	
"	1410		✓		B11-1 (10-11')	1		✓	✓	03	
"	1418		✓		B11-1 (15-16')	1			✓	04	
"	1426		✓		B11-1 (20-21')	1			✓	05	
"	1438		✓		B11-1 (25-26')	1		✓	✓	06	
8/14/02	0840		✓		B11-2 (0-1')	1	✓	✓	✓	07	
"	0850		✓		B11-2 (5-6')	1			✓	08	
"	0900		✓		B11-2 (10-11')	1			✓	09	
"	0907		✓		B11-2 (15-16')	1		✓	✓	10	
"	0915		✓		B11-2 (20-21')	1			✓	11	
"	0930		✓		B11-2 (25-26')	1		✓	✓	12	
"	1645		✓		Composite	1	✓	✓		13	

SAMPLED BY: (Signature) Cindy Crain
DATE: 8/15/02
TIME: 1:53

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 8/15/02
TIME: 1610

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

RECEIVED BY: (Signature) Joann McMurray
DATE: 8-15-02 TIME: 1610

SAMPLE CONDITION WHEN RECEIVED:
Rec 1.0°C

LA CONTACT PERSON:

SAMPLE TYPE:

ANALYTICAL REPORT

Prepared for:

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

Project: Site #45

PO#:

Order#: G0306680

Report Date: 06/11/2003

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#: G0306680
Project: 0-0100-45
Project Name: Site #45
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
0306680-01	WW-1	WATER	6/5/03 11:50	6/6/03 16:50	See COC	Ice

Lab Testing: **Rejected:** No **Temp:** 0.0 C

8021B/5030 BTEX
Anions
Cations
Total Dissolved Solids (TDS)

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306680
Project: 0-0100-45
Project Name: Site #45
Location: None Given

Lab ID: 0306680-01
Sample ID: WW-1

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005801-02		6/11/03 12:29	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	96%	80	120

Approval: Celey D. Keene 06/12/03
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.

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#: G0306680
Project: 0-0100-45
Project Name: Site #45
Location: None Given

Lab ID: 0306680-01
Sample ID: WW-1

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	100	mg/L	1	2.00	310.1	6/6/03	SB
Carbonate Alkalinity	52.0	mg/L	1	0.10	310.1	6/6/03	SB
Chloride	19.5	mg/L	1	5.00	9253	6/10/03	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	6/6/03	SB
SULFATE, 375.4	4.10	mg/L	1	0.5	375.4	6/10/03	SB

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Calcium	7.78	mg/L	1	0.010	6010B	6/10/03	SM
Magnesium	1.70	mg/L	1	0.001	6010B	6/10/03	SM
Potassium	8.03	mg/L	1	0.050	6010B	6/10/03	SM
Sodium	20.4	mg/L	10	0.10	6010B	6/10/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	70	mg/L	1	5.0	160.1	6/9/03	SB

Approval: 06/12/03
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

8021B/5030 BTEX

Order#: G0306680

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005801-02			<0.001		
Toluene-mg/L	0005801-02			<0.001		
Ethylbenzene-mg/L	0005801-02			<0.001		
p/m-Xylene-mg/L	0005801-02			<0.001		
o-Xylene-mg/L	0005801-02			<0.001		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005801-03		0.1	0.101	101.%	
Toluene-mg/L	0005801-03		0.1	0.104	104.%	
Ethylbenzene-mg/L	0005801-03		0.1	0.111	111.%	
p/m-Xylene-mg/L	0005801-03		0.2	0.238	119.%	
o-Xylene-mg/L	0005801-03		0.1	0.112	112.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005801-04		0.1	0.101	101.%	0.%
Toluene-mg/L	0005801-04		0.1	0.093	93.%	11.2%
Ethylbenzene-mg/L	0005801-04		0.1	0.095	95.%	15.5%
p/m-Xylene-mg/L	0005801-04		0.2	0.202	101.%	16.4%
o-Xylene-mg/L	0005801-04		0.1	0.095	95.%	16.4%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005801-05		0.1	0.095	95.%	
Toluene-mg/L	0005801-05		0.1	0.095	95.%	
Ethylbenzene-mg/L	0005801-05		0.1	0.098	98.%	
p/m-Xylene-mg/L	0005801-05		0.2	0.206	103.%	
o-Xylene-mg/L	0005801-05		0.1	0.098	98.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0306680

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0005759-01			<2.00		
Carbonate Alkalinity-mg/L	0005760-01			<0.10		
Chloride-mg/L	0005782-01			<5.00		
Hydroxide Alkalinity-mg/L	0005761-01			<0.10		
SULFATE, 375.4-mg/L	0005780-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0306663-01	494		492		0.4%
Carbonate Alkalinity-mg/L	0306663-01	0		<0.10		0.%
Hydroxide Alkalinity-mg/L	0306663-01	0		<0.10		0.%
SULFATE, 375.4-mg/L	0306680-01	4.1		4.10		0.%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306680-01	19.5	100	119	99.5%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306680-01	19.5	100	120	100.5%	0.8%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0005759-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0005760-04		0.05	0.0496	99.2%	
Chloride-mg/L	0005782-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0005761-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0005780-04		50	52.1	104.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0306680

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0005786-02			<0.010		
Magnesium-mg/L	0005786-02			<0.001		
Potassium-mg/L	0005786-02			<0.050		
Sodium-mg/L	0005786-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0306680-01	7.78		7.73		0.6%
Magnesium-mg/L	0306680-01	1.7		1.68		1.2%
Potassium-mg/L	0306680-01	8.03		7.98		0.6%
Sodium-mg/L	0306680-01	20.4		20.1		1.5%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0005786-05		2	2.04	102.%	
Magnesium-mg/L	0005786-05		2	2.15	107.5%	
Potassium-mg/L	0005786-05		2	1.78	89.%	
Sodium-mg/L	0005786-05		2	1.79	89.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306680

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L	0005772-01			<5.0		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Total Dissolved Solids (TDS)-mg/L	0306663-01	4184		4312		3.%

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.: 0-0100-45

PROJECT NAME: Site #45

PAGE 1 OF 1

LAB. PO # 0306680

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX 8021B	Anions, Cations	TDS	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/5/03	1150	✓			WW-1	2	✓	✓	✓		

SAMPLED BY: (Signature) Cindy Crain
DATE: 6/5/03
TIME: 1150

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 6/6/03
TIME: 1650

RECEIVED BY: (Signature) Kim Anderson
DATE: 6/6/03
TIME: 1650

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)
DATE: TIME:

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Water 0.0°C

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/ Site #26
PO#:	
Order#:	G0306694
Report Date:	06/11/2003

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#: G0306694
Project: 0-0100-26
Project Name: Dynegy/ Site #26
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
0306694-01	SS-1	SOIL	6/10/03 9:25	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		
0306694-02	SS-4	SOIL	6/10/03 9:30	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		
0306694-03	SS-5	SOIL	6/10/03 9:32	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		
0306694-04	SS-6	SOIL	6/10/03 9:34	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		
0306694-05	SS-7	SOIL	6/10/03 9:36	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		
0306694-06	SS-8	SOIL	6/10/03 9:27	6/10/03 14:30	4 oz glass	Ice
	Lab Testing: 8015M Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306694
Project: 0-0100-26
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306694-01
Sample ID: SS-1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	158	10.0
DRO, >C12-C35	2,540	10.0
TOTAL, C6-C35	2,698	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	132%	70	130

Lab ID: 0306694-02
Sample ID: SS-4

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	16.8	10.0
TOTAL, C6-C35	16.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	97%	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#: G0306694
Project: 0-0100-26
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306694-03
Sample ID: SS-5

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	26.2	10.0
DRO, >C12-C35	600	10.0
TOTAL, C6-C35	626	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	103%	70	130

Lab ID: 0306694-04
Sample ID: SS-6

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	492	10.0
TOTAL, C6-C35	492	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	145%	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#: G0306694
Project: 0-0100-26
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306694-05
Sample ID: SS-7

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	59.1	10.0
TOTAL, C6-C35	59.1	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	114%	70	130

Lab ID: 0306694-06
Sample ID: SS-8

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	14.4	10.0
DRO, >C12-C35	1,940	10.0
TOTAL, C6-C35	1,954	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	182%	70	130

Approval: Raland K Tuttle 6-11-03
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#: G0306694
Project: 0-0100-26
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306694-01
Sample ID: SS-1

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1490	mg/kg	1	20	9253	6/11/03	SB

Lab ID: 0306694-02
Sample ID: SS-4

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	319	mg/kg	1	20	9253	6/11/03	SB

Lab ID: 0306694-03
Sample ID: SS-5

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	177	mg/kg	1	20	9253	6/11/03	SB

Lab ID: 0306694-04
Sample ID: SS-6

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	248	mg/kg	1	20	9253	6/11/03	SB

Lab ID: 0306694-05
Sample ID: SS-7

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	248	mg/kg	1	20	9253	6/11/03	SB

Lab ID: 0306694-06
Sample ID: SS-8

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1310	mg/kg	1	20	9253	6/11/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN	Order#:	G0306694
LARSON AND ASSOCIATES, INC.	Project:	0-0100-26
P.O. BOX 50685	Project Name:	Dynegy/ Site #26
MIDLAND, TX 79710	Location:	None Given

Approval: Raland K Tuttle 6-11-03

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#: G0306694

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005795-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005795-03		952	969	101.8%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005795-04		952	960	100.8%	0.9%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005795-05		1000	1071	107.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306694

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0005791-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0306694-01	1490	500	1980	98.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0306694-01	1490	500	2000	102.%	1.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0005791-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: **G0306694**

Project: **Dynegy/ Site #26**

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	0306694-01	SOIL	06/10/2003	06/10/2003
SS-4	0306694-02	SOIL	06/10/2003	06/10/2003
SS-5	0306694-03	SOIL	06/10/2003	06/10/2003
SS-6	0306694-04	SOIL	06/10/2003	06/10/2003
SS-7	0306694-05	SOIL	06/10/2003	06/10/2003
SS-8	0306694-06	SOIL	06/10/2003	06/10/2003

Surrogate recoveries on 8015M TPH are outside control limits due to matrix interference(G0306694-01, 04, 06)

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: Raland K Tuttle Date: 6-11-03
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.: 0-0100-26

PROJECT NAME: Site #26

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)
6/10/03	0925		✓		SS-1	1	✓	✓	0306694-01	
"	0930		✓		SS-4	1	✓	✓	02	
"	0932		✓		SS-5	1	✓	✓	03	
"	0934		✓		SS-6	1	✓	✓	04	
"	0936		✓		SS-7	1	✓	✓	05	
"	0927		✓		SS-8	1	✓	✓	06	
						P				

SAMPLED BY: (Signature) Cindy Crain — DATE: 6/10/03 TIME: 1000

RELINQUISHED BY: (Signature) Cindy Crain — DATE: 6/10/03 TIME: 1430

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: RUSH!!

TURNAROUND TIME NEEDED: RUSH!!

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:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature) Jeanne McMurrey
DATE: 06-10-03 TIME: 1430

SAMPLE CONDITION WHEN RECEIVED: 4.0°C

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/ Site #26
PO#:	
Order#:	G0306929
Report Date:	07/11/2003

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#: G0306929
Project:
Project Name: Dynegy/ Site #26
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
0306929-01	SS-9	SOIL	7/9/03 8:46	7/9/03 17:03	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.5 C		
	8015M					
	8021B/5030 BTEX					
0306929-02	SS-10	SOIL	7/9/03 9:00	7/9/03 17:03	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.5 C		
	8015M					
	8021B/5030 BTEX					
0306929-03	SS-11	SOIL	7/9/03 9:15	7/9/03 17:03	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 4.5 C		
	8015M					
	8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306929
Project:
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306929-01
Sample ID: SS-9

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		7/10/03 12:16	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	1,780	10.0
DRO, >C12-C35	3,020	10.0
TOTAL, C6-C35	4,800	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	129%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006142-02		7/10/03 19:30	1	200	CK	8021B

Parameter	Result mg/kg	RL
Benzene	12.4	0.200
Toluene	62.7	0.200
Ethylbenzene	44.1	0.200
p/m-Xylene	70.5	0.200
o-Xylene	25.0	0.200

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	686%	80	120
Bromofluorobenzene	107%	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#: G0306929
Project:
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306929-02
Sample ID: SS-10

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		7/10/03 12:16	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	83.3	10.0
DRO, >C12-C35	328	10.0
TOTAL, C6-C35	411.3	10.0

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

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006142-02		7/10/03 16:15	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	0.070	0.025
Ethylbenzene	0.091	0.025
p/m-Xylene	0.290	0.025
o-Xylene	0.107	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	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#: G0306929
Project:
Project Name: Dynegy/ Site #26
Location: None Given

Lab ID: 0306929-03
Sample ID: SS-11

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		7/10/03 12:16	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C35	33.5	10.0
TOTAL, C6-C35	33.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	128%	70	130
1-Chlorooctadecane	118%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006142-02		7/10/03 17:49	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	88%	80	120

Approval: Celey D. Keene 07/11/03
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#: G0306929

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0006140-02			<10		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006140-03		952	1222	128.4%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006140-04		952	1224	128.6%	0.2%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0006140-05		1000	1094	109.4%	

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: JJS

PROJECT NO.:

PROJECT NAME: Site # 26

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	BTEX	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/9	8:46		✓		SS-9	1	✓	✓	0306029-01	
7/11	9:09		✓		SS-10	1	✓	✓	-02	
7/1	9:15		✓		SS-11	1	✓	✓	-03	

SAMPLED BY: (Signature) John Stuart — DATE: 7/9 TIME:

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

RELINQUISHED BY: (Signature) — DATE: TIME:

RECEIVED BY: (Signature) Sandra Biggs — DATE: 7/9/03 TIME: 1703

RECEIVED BY: (Signature) — DATE: TIME:

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

COMMENTS: Need results by 7/11/03 Friday Noon

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) Sandra Biggs
DATE: 7/9/03 TIME: 1703

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

SAMPLE TYPE: 4.5°C

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306929

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0006142-02			<0.025		
Toluene-mg/kg	0006142-02			<0.025		
Ethylbenzene-mg/kg	0006142-02			<0.025		
p/m-Xylene-mg/kg	0006142-02			<0.025		
o-Xylene-mg/kg	0006142-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306942-12	0	0.1	0.109	109.%	
Toluene-mg/kg	0306942-12	0	0.1	0.115	115.%	
Ethylbenzene-mg/kg	0306942-12	0	0.1	0.116	116.%	
p/m-Xylene-mg/kg	0306942-12	0	0.2	0.240	120.%	
o-Xylene-mg/kg	0306942-12	0	0.1	0.117	117.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0306942-12	0	0.1	0.105	105.%	3.7%
Toluene-mg/kg	0306942-12	0	0.1	0.112	112.%	2.6%
Ethylbenzene-mg/kg	0306942-12	0	0.1	0.117	117.%	0.9%
p/m-Xylene-mg/kg	0306942-12	0	0.2	0.237	118.5%	1.3%
o-Xylene-mg/kg	0306942-12	0	0.1	0.113	113.%	3.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0006142-05		0.1	0.110	110.%	
Toluene-mg/kg	0006142-05		0.1	0.114	114.%	
Ethylbenzene-mg/kg	0006142-05		0.1	0.111	111.%	
p/m-Xylene-mg/kg	0006142-05		0.2	0.233	116.5%	
o-Xylene-mg/kg	0006142-05		0.1	0.117	117.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0306929

Project: Dynegy/ Site #26

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	0306929-01	SOIL	07/09/2003	07/09/2003
SS-10	0306929-02	SOIL	07/09/2003	07/09/2003
SS-11	0306929-03	SOIL	07/09/2003	07/09/2003

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference. (0306929-01)

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: 07/11/03

Environmental Lab of Texas I, Ltd.

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy Site #26

PO#:

Order#: G0307910

Report Date: 11/12/2003

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#: G0307910
Project:
Project Name: Dynegy Site #26
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
0307910-01	SS-9	SOIL	7/9/03 8:46	7/9/03 17:03	4 oz glass	ice

Lab Testing: **Rejected:** No **Temp:** 4.5 C

Fingerprint by GC/FID

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0307910
Project:
Project Name: Dynegy Site #26
Location: None Given

Lab ID: 0307910-01
Sample ID: SS-9

Fingerprint by GC/FID

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		7/10/03	1	1	JLH	8015M

Parameter	Result %	RL
C6-C8	**12.1**	1.00
C8-C10	**16.7**	1.00
C10-C12	**14.3**	1.00
C12-C16	**23.5**	1.00
C16-C21	**21.1**	1.00
C21-C35	**12.3**	1.00

Approval: Raland K Tuttle 11-12-03
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.

N/A = Not Applicable RL = Reporting Limit

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: **G0307910**

Project: **Dynegy Site #26**

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	0307910-01	SOIL	07/09/2003	07/09/2003

This fingerprint was run using the 8015M TPH method, therefore the surrogates are included in the total fingerprint analysis.

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: Raland K Tuttle Date: 11-12-03
Environmental Lab of Texas I, Ltd.

J64

File : D:\071003\~~6929-01.D~~

Operator : CDK 7910-01

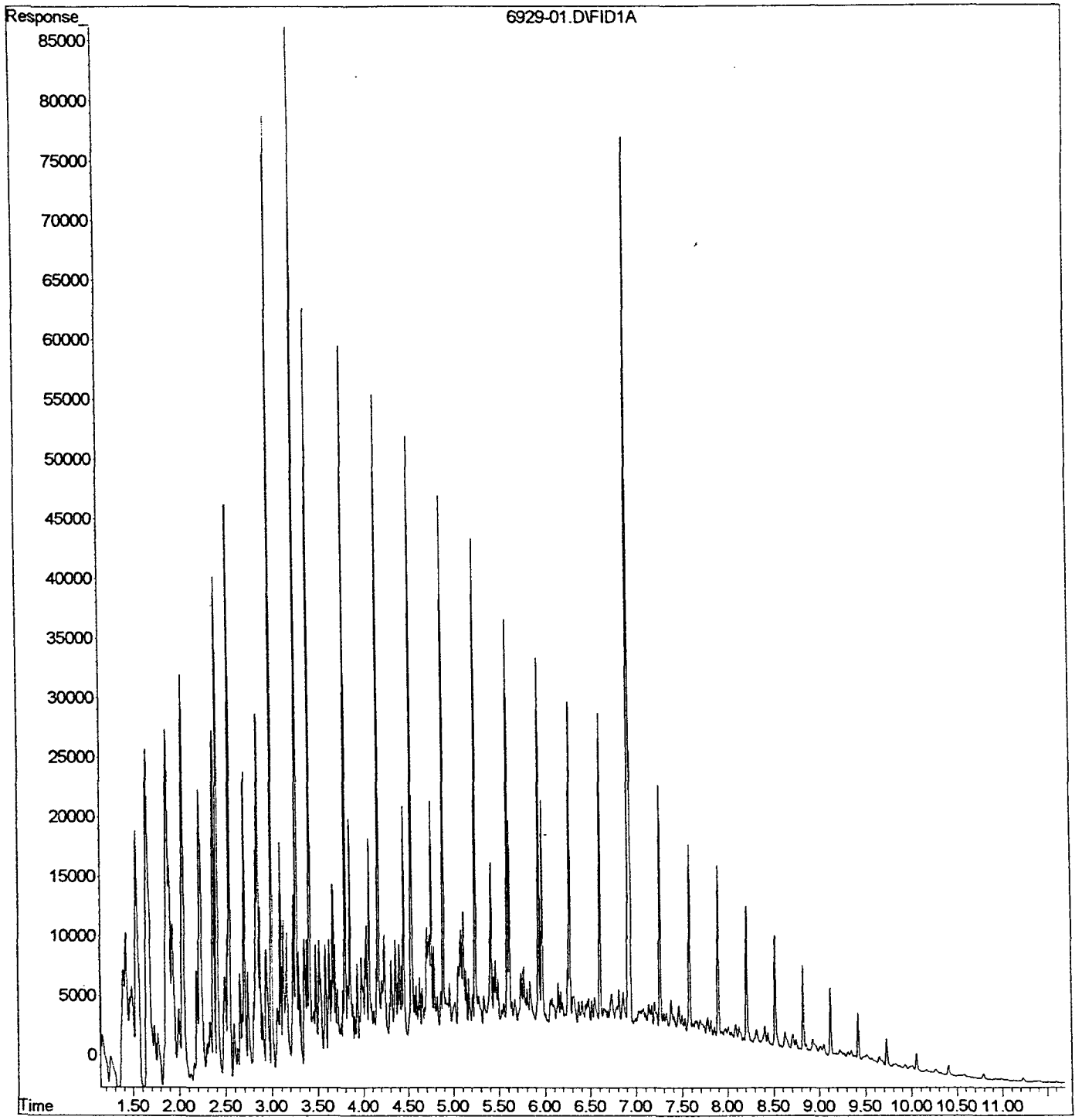
Acquired : 10 Jul 2003 4:00 pm using AcqMethod 1005RTE.M

Instrument : GC/MS Ins

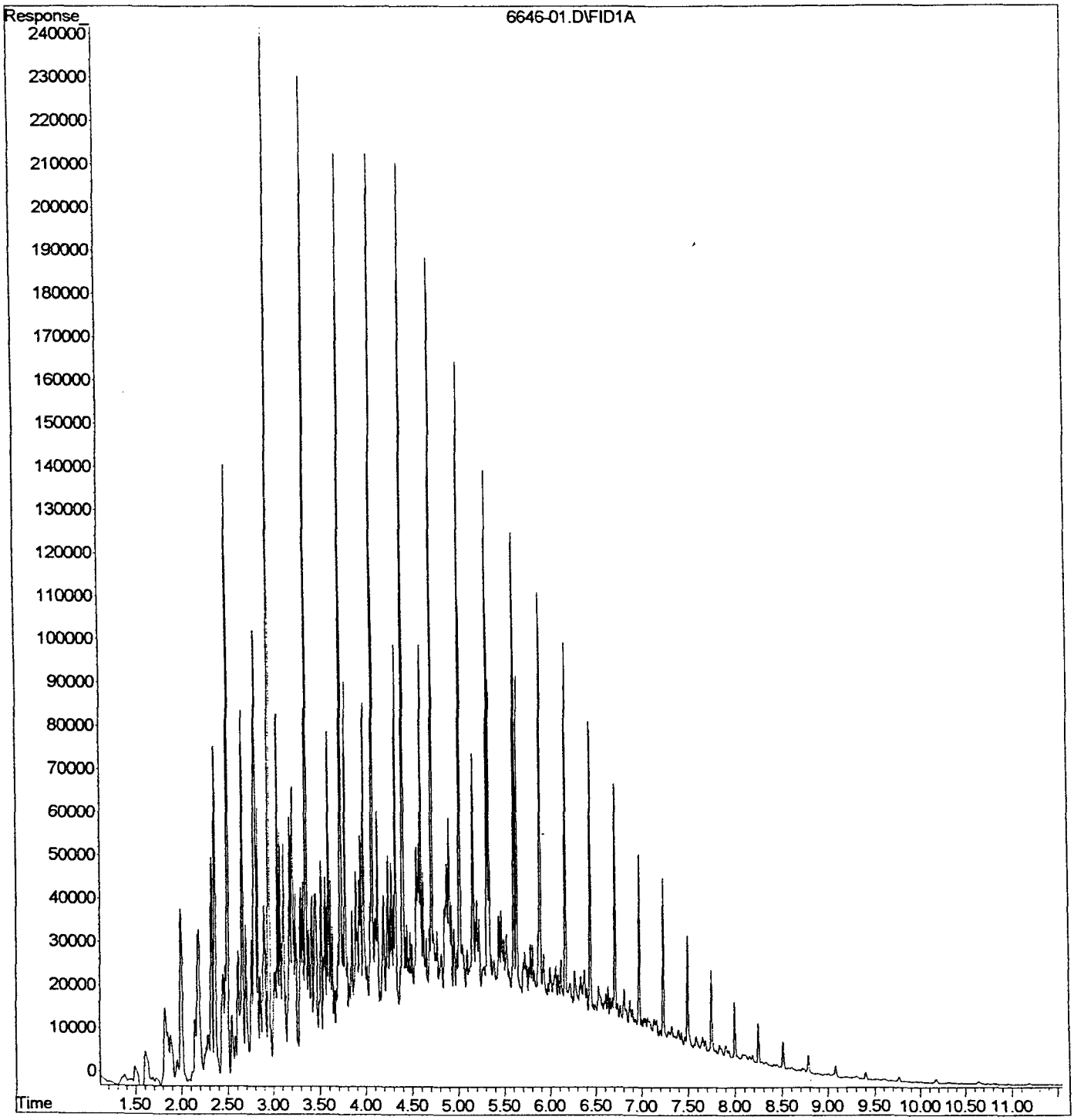
Sample Name:

Misc Info :

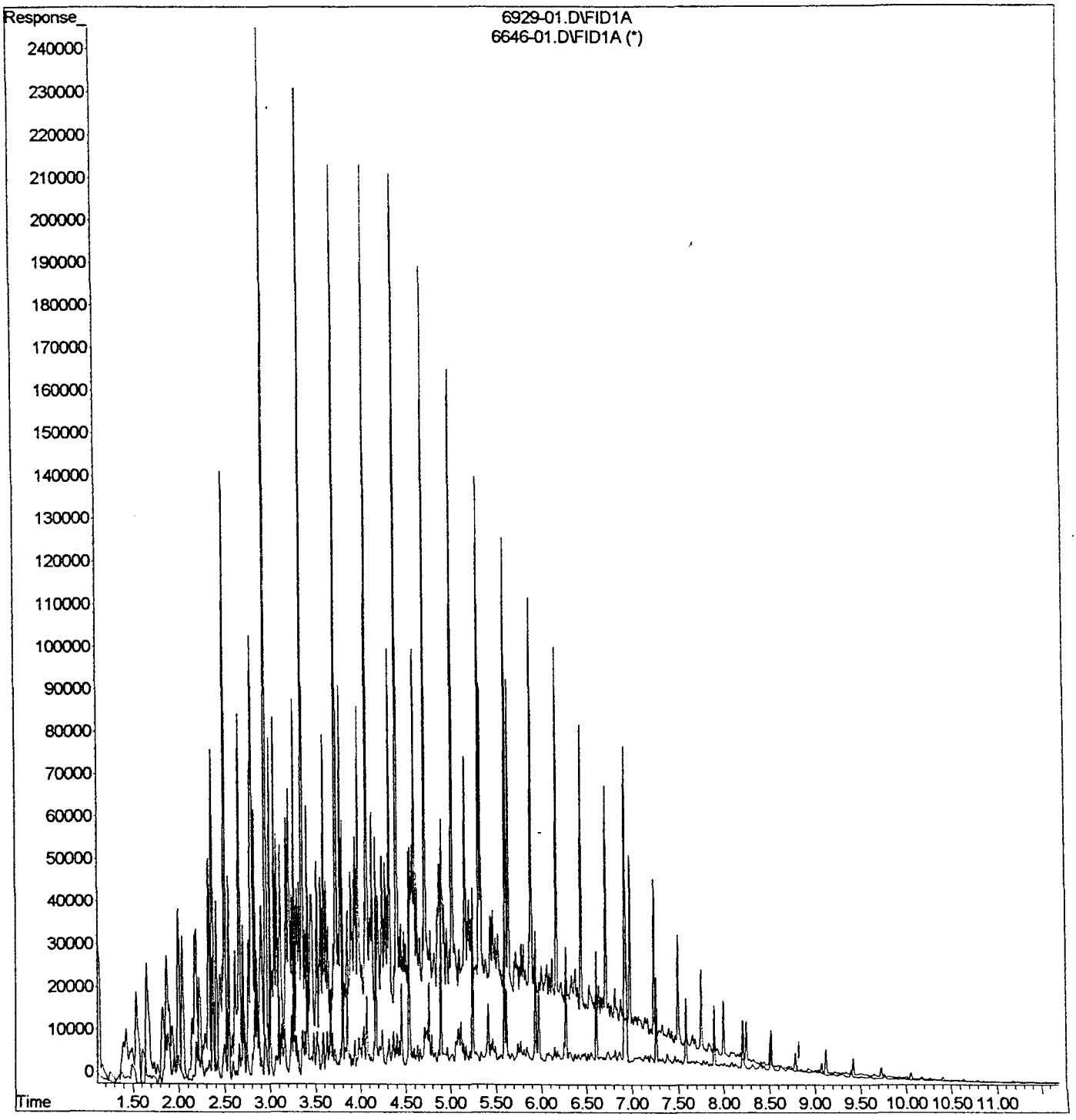
Vial Number: 54



File : D:\060503\6646-01.D
Operator : rt
Acquired : 6 Jun 2003 9:28 pm using AcqMethod 1005RTC.M
Instrument : GC/MS Ins
Sample Name:
Misc Info : fingerprint
Vial Number: 50



File : C:\HPCHEM\1\DATA\071003\~~6929-01~~ JLH 7910-01.D
Operator : CDK
Acquired : 10 Jul 2003 4:00 pm using AcqMethod 1005RTE.M
Instrument : GC/MS Ins
Sample Name:
Misc Info :
Vial Number: 54



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: Lynx

SITE MANAGER: JJS

PROJECT NO.: 57

PROJECT NAME: S. Tr #26 ~~20~~

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH 8015M	BTEX	X Fingerprint	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/9	8:46		✓		SS-9	1	✓	✓	✓	~~0307910-01~~	0507910-01
"	9:00		✓		SS-10	1	✓	✓	✓	-02	
"	9:15		✓		SS-11	1	✓	✓	✓	-03	

SAMPLED BY: (Signature) John Stuart — DATE: 7/9 TIME:

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

RELINQUISHED BY: (Signature) — DATE: TIME:

RECEIVED BY: (Signature) Sandra Bigalo — DATE: 7/9/03 TIME: 1703

RECEIVED BY: (Signature) — DATE: TIME:

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

COMMENTS: Need results by 7/11/03 Friday Noon

TURNAROUND TIME NEEDED

RECEIVING LABORATORY: Environmental Lab of TX

ADDRESS:

CITY: STATE: ZIP:

CONTACT: PHONE:

RECEIVED BY: (Signature) Sandra Bigalo

DATE: 7/9/03 TIME: 1763

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: 4.5°C

ANALYTICAL REPORT

Prepared for:

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

Project: Site #45

PO#:

Order#: G0306646

Report Date: 06/10/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.	Order#: G0306646
P.O. BOX 50685	Project: 0-0100-45
MIDLAND, TX 79710	Project Name: Site #45
915-687-0456	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
0306646-01	Pipeline	OIL	6/4/03 14:55	6/5/03 8:18	4 oz plastic	None

Lab Testing: **Rejected:** No **Temp:** 3.0 C

Fingerprint by GC/FID

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306646
Project: 0-0100-45
Project Name: Site #45
Location: None Given

Lab ID: 0306646-01
Sample ID: Pipeline

Fingerprint by GC/FID

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/6/03	1	1	CK	GC/FID

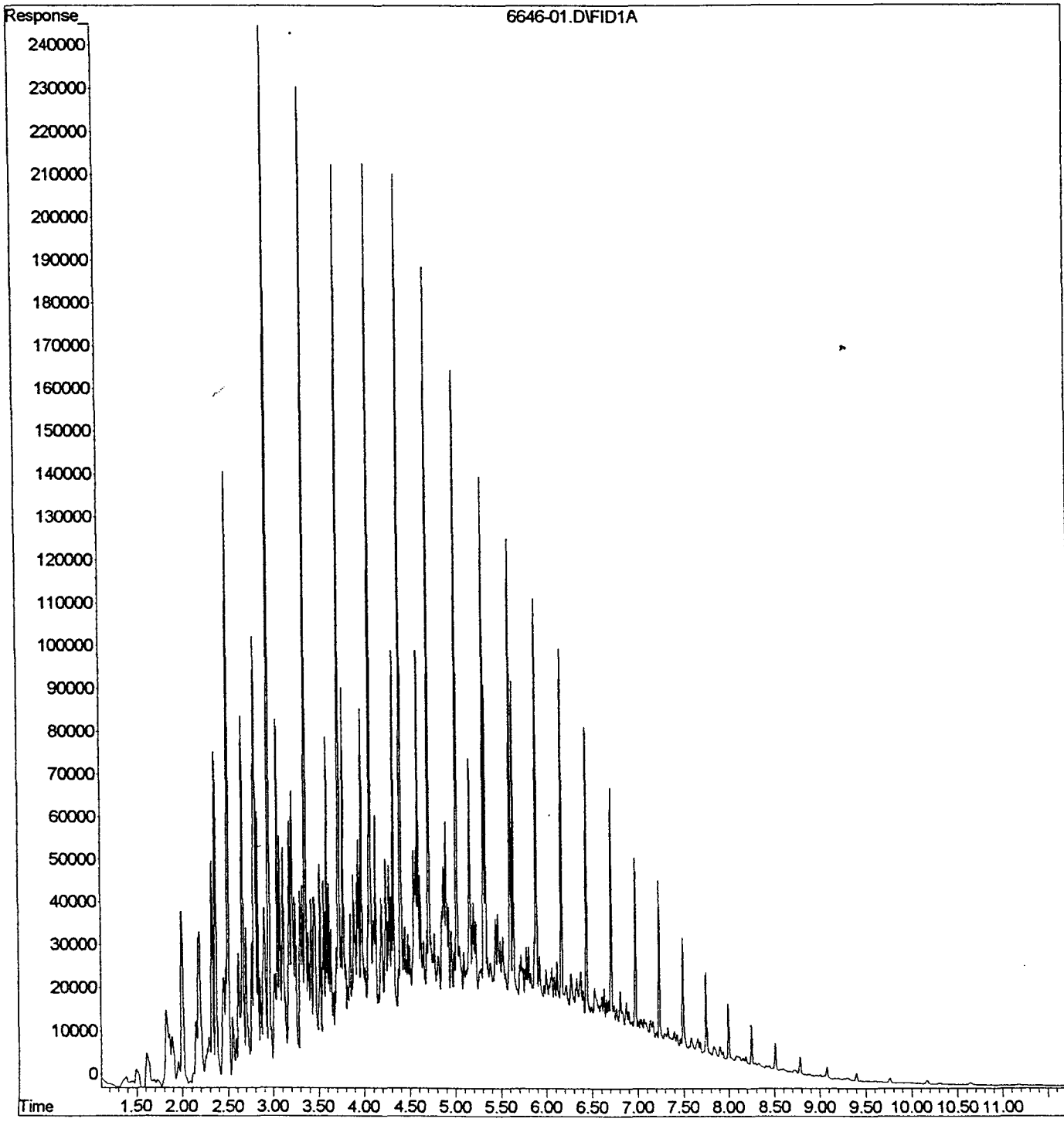
Parameter	Result %	RL
C6-C8	**2.54**	1.00
C8-C10	**16.5**	1.00
C10-C12	**17.1**	1.00
C12-C16	**27.3**	1.00
C16-C21	**18.6**	1.00
C21-C35	**17.9**	1.00

Approval: Celey D. Keene 06/11/03
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.

N/A = Not Applicable RL = Reporting Limit

File : C:\HPCHEM\1\DATA\060503\6646-01.D
Operator : rt
Acquired : 6 Jun 2003 9:28 pm using AcqMethod 1005RTC.M
Instrument : GC/MS Ins
Sample Name:
Misc Info : fingerprint
Vial Number: 50



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.: 0-0100-45
PROJECT NAME: Site #45
PAGE 1 OF 1
LAB. PO #

	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: Fingerprint	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
01	4/4/03	1455			✓	Pipeline	1	✓	030644	

SAMPLED BY: (Signature) Cindy Crain — DATE: 4/4/03 TIME: 1455
RELINQUISHED BY: (Signature) — DATE: TIME:
RECEIVED BY: (Signature) — DATE: TIME:
RELINQUISHED BY: (Signature) Cindy Crain — DATE: 4/5/03 TIME: 0820
RECEIVED BY: (Signature) Lynn Anderson — DATE: 4-5-03 TIME: 0818
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: Product 3.0°C

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#26

Project Number: 0-0100-26

Location: None Given

Lab Order Number: 4C03001

Report Date: 03/05/04

Larson & Associates, Inc.	Project: Dynegy Site#26	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-26	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/05/04 13:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60-62'	4C03001-01	Soil	03/02/04 09:16	03/02/04 16:15
62-64'	4C03001-02	Soil	03/02/04 09:17	03/02/04 16:15
64-66'	4C03001-03	Soil	03/02/04 09:24	03/02/04 16:15
66-68'	4C03001-04	Soil	03/02/04 09:25	03/02/04 16:15
68-70'	4C03001-05	Soil	03/02/04 09:41	03/02/04 16:15
70-72'	4C03001-06	Soil	03/02/04 09:42	03/02/04 16:15
72-74'	4C03001-07	Soil	03/02/04 09:54	03/02/04 16:15
74-76'	4C03001-08	Soil	03/02/04 09:55	03/02/04 16:15

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
60-62' (4C03001-01)									
Benzene	**3.35**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/03/04	EPA 8021B	
Toluene	**18.5**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**13.5**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**19.5**	0.0250	"	"	"	"	"	"	
Xylene (o)	**7.11**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*1050 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1990**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3800**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5790**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*80.0 %*	*70-130*		"	"	"	"	
62-64' (4C03001-02)									
Benzene	**3.53**	0.100	mg/kg dry	100	EC40503	03/03/04	03/04/04	EPA 8021B	
Toluene	**32.6**	0.100	"	"	"	"	"	"	
Ethylbenzene	**29.8**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**45.5**	0.100	"	"	"	"	"	"	
Xylene (o)	**16.5**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*487 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2020**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3740**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5760**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*128 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*128 %*	*70-130*		"	"	"	"	
64-66' (4C03001-03)									
Benzene	**2.03**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/03/04	EPA 8021B	
Toluene	**10.6**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**11.1**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**16.7**	0.0250	"	"	"	"	"	"	
Xylene (o)	**6.66**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*692 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1080**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3100**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4180**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*125 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*120 %*	*70-130*		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory.. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

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
66-68' (4C03001-04)									
Benzene	**0.590**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/03/04	EPA 8021B	
Toluene	**3.25**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**3.57**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**6.28**	0.0250	"	"	"	"	"	"	
Xylene (o)	**2.80**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*288 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**104**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**268**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**372**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*100 %*	*70-130*		"	"	"	"	
68-70' (4C03001-05)									
Benzene	**15.9**	0.200	mg/kg dry	200	EC40503	03/03/04	03/04/04	EPA 8021B	
Toluene	**60.0**	0.200	"	"	"	"	"	"	
Ethylbenzene	**42.7**	0.200	"	"	"	"	"	"	
Xylene (p/m)	**64.3**	0.200	"	"	"	"	"	"	
Xylene (o)	**24.2**	0.200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*553 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2910**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**5640**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**8550**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*184 %*	*70-130*		"	"	"	"	*S-04*
Surrogate: 1-Chlorooctadecane		*161 %*	*70-130*		"	"	"	"	*S-04*
70-72' (4C03001-06)									
Benzene	**1.72**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/03/04	EPA 8021B	
Toluene	**17.5**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**17.7**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**25.7**	0.0250	"	"	"	"	"	"	
Xylene (o)	**9.63**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*792 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*93.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1610**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3790**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5400**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*122 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	

Environmental Lab of Texas

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Quality Assurance Review

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
72-74' (4C03001-07)									
Benzene	**18.0**	0.200	mg/kg dry	200	EC40503	03/03/04	03/04/04	EPA 8021B	
Toluene	**64.8**	0.200	"	"	"	"	"	"	
Ethylbenzene	**45.4**	0.200	"	"	"	"	"	"	
Xylene (p/m)	**68.2**	0.200	"	"	"	"	"	"	
Xylene (o)	**26.0**	0.200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*596 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**3610**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**6280**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**9890**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*278 %*	*70-130*		"	"	"	"	*S-04*
Surrogate: 1-Chlorooctadecane		*264 %*	*70-130*		"	"	"	"	*S-04*
74-76' (4C03001-08)									
Benzene	**2.12**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/03/04	EPA 8021B	
Toluene	**17.8**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**17.6**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**25.9**	0.0250	"	"	"	"	"	"	
Xylene (o)	**9.97**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*735 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1750**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3970**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5720**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*127 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*125 %*	*70-130*		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
60-62' (4C03001-01)									
% Solids	**94.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
62-64' (4C03001-02)									
% Solids	**96.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
64-66' (4C03001-03)									
% Solids	**89.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
66-68' (4C03001-04)									
% Solids	**84.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
68-70' (4C03001-05)									
% Solids	**94.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
70-72' (4C03001-06)									
% Solids	**95.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
72-74' (4C03001-07)									
% Solids	**95.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	
74-76' (4C03001-08)									
% Solids	**94.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	

Roland K. Tuttle

Quality Assurance Review

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 EC40209 - Solvent Extraction (GC)										
Blank (EC40209-BLK1)				Prepared & Analyzed: 03/03/04						
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	*38.5*		*mg/kg*	*50.0*		*77.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		*"*	*50.0*		*78.8*	*70-130*			
LCS (EC40209-BS1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	404	10.0	mg/kg wet	500		80.8	75-125			
Diesel Range Organics >C12-C35	501	10.0	"	500		100	75-125			
Total Hydrocarbon C6-C35	905	10.0	"	1000		90.5	75-125			
Surrogate: 1-Chlorooctane	*44.1*		*mg/kg*	*50.0*		*88.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.6*		*"*	*50.0*		*79.2*	*70-130*			
LCS Dup (EC40209-BSD1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125	1.72	20	
Diesel Range Organics >C12-C35	512	10.0	"	500		102	75-125	2.17	20	
Total Hydrocarbon C6-C35	923	10.0	"	1000		92.3	75-125	1.97	20	
Surrogate: 1-Chlorooctane	*48.5*		*mg/kg*	*50.0*		*97.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.2*		*"*	*50.0*		*78.4*	*70-130*			
Calibration Check (EC40209-CCV1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	80-120			
Diesel Range Organics >C12-C35	535		"	500		107	80-120			
Total Hydrocarbon C6-C35	977		"	1000		97.7	80-120			
Surrogate: 1-Chlorooctane	*57.6*		*"*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*55.3*		*"*	*50.0*		*111*	*70-130*			

Quality Assurance Review

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 EC40503 - EPA 5030C (GC)										
Blank (EC40503-BLK1)				Prepared & Analyzed: 03/03/04						
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	*90.0*		*ug/kg*	*100*		*90.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*97.4*		"	*100*		*97.4*	*80-120*			
LCS (EC40503-BS1)				Prepared & Analyzed: 03/03/04						
Benzene	96.9		ug/kg	100		96.9	80-120			
Toluene	92.6		"	100		92.6	80-120			
Ethylbenzene	91.2		"	100		91.2	80-120			
Xylene (p/m)	179		"	200		89.5	80-120			
Xylene (o)	88.1		"	100		88.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*98.0*		"	*100*		*98.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*93.7*		"	*100*		*93.7*	*80-120*			
Calibration Check (EC40503-CCV1)				Prepared: 03/03/04 Analyzed: 03/04/04						
Benzene	95.9		ug/kg	100		95.9	80-120			
Toluene	91.1		"	100		91.1	80-120			
Ethylbenzene	89.9		"	100		89.9	80-120			
Xylene (p/m)	177		"	200		88.5	80-120			
Xylene (o)	91.0		"	100		91.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*93.5*		"	*100*		*93.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*100*		"	*100*		*100*	*80-120*			
Matrix Spike (EC40503-MS1)	**Source: 4C04002-03**			Prepared: 03/03/04 Analyzed: 03/04/04						
Benzene	2370		ug/kg	2500	ND	94.8	80-120			
Toluene	2350		"	2500	68.9	91.2	80-120			
Ethylbenzene	2350		"	2500	64.0	91.4	80-120			
Xylene (p/m)	4620		"	5000	131	89.8	80-120			
Xylene (o)	2260		"	2500	37.7	88.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	*98.8*		"	*100*		*98.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*97.3*		"	*100*		*97.3*	*80-120*			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory.. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Roland K Tuttle

Quality Assurance Review

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 EC40503 - EPA 5030C (GC)										
Matrix Spike Dup (EC40503-MSD1)	**Source: 4C04002-03**			Prepared: 03/03/04	Analyzed: 03/04/04					
Benzene	2440		ug/kg	2500	ND	97.6	80-120	2.91	20	
Toluene	2390		"	2500	68.9	92.8	80-120	1.74	20	
Ethylbenzene	2380		"	2500	64.0	92.6	80-120	1.30	20	
Xylene (p/m)	4670		"	5000	131	90.8	80-120	1.11	20	
Xylene (o)	2360		"	2500	37.7	92.9	80-120	4.40	20	
Surrogate: a,a,a-Trifluorotoluene	*92.0*		"	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*104*		"	*100*		*104*	*80-120*			

Quality Assurance Review

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

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 EC40401 - % Solids										
Blank (EC40401-BLK1)				Prepared & Analyzed: 03/04/04						
% Solids	100		%							
Duplicate (EC40401-DUP1)		**Source: 4C03001-01**		Prepared & Analyzed: 03/04/04						
% Solids	94.0		%		94.0			0.00	20	

Roland K. Tuttle

Quality Assurance Review

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.
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

Quality Assurance Review

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

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

Client: Larson + Associates

Date/Time: 03-03-04 @ 0900

Order #: 4C03001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4 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
Container labels legible and intact?	Yes	No	NO LABELS
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:

_____

_____

_____

_____

_____

_____

_____

_____

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.: 0-0100-26

PROJECT NAME: Site #26

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)
3/2/04	0916		✓		60-62'	1	✓	✓	4C03001-01	
"	0917		✓		62-64'	1	✓	✓	-02	
"	0924		✓		64-66'	1	✓	✓	-03	
"	0925		✓		66-68'	1	✓	✓	-04	
"	0941		✓		68-70'	1	✓	✓	-05	
"	0942		✓		70-72'	1	✓	✓	-06	
"	0954		✓		72-74'	1	✓	✓	-07	
"	0955		✓		74-76'	1	✓	✓	-08	

SAMPLED BY: (Signature) Cindy Crain — DATE: 3/2/04 TIME: 1000

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

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

RELINQUISHED BY: (Signature) Cindy Crain — DATE: 3/2/04 TIME: 1615

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

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

COMMENTS:

TURNAROUND TIME NEEDED: RUSH/3 day

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

RECEIVING LABORATORY: GCT
ADDRESS: 12600 W I-20 E
CITY: ____ STATE: ____ ZIP: ____
CONTACT: ____ PHONE: ____

RECEIVED BY: (Signature) Rabekah
DATE: 3-02-04 TIME: 1615

SAMPLE CONDITION WHEN RECEIVED: 4oz glass Ice 4°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#26

Project Number: 0-0100-26

Location:

Lab Order Number: 4C08008

Report Date: 03/12/04

Larson & Associates, Inc.	Project: Dynegy Site#26	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-26	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/12/04 15:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
72-74	4C08008-01	Soil	03/02/04 09:54	03/02/04 16:15
74-76	4C08008-02	Soil	03/02/04 09:55	03/02/04 16:15

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

Larson & Associates, Inc.	Project: Dynegy Site#26	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-26	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/12/04 15:12

SPLP Volatile Halocarbons by EPA Method 1312/8021B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
72-74 (4C08008-01)									
Benzene	**0.0497**	0.00100	mg/L	1	EC41204	03/11/04	03/11/04	EPA 8021B	
Toluene	**0.966**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.793**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**1.13**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.451**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*588 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-120*		"	"	"	"	
74-76 (4C08008-02)									
Benzene	ND	0.00100	mg/L	1	EC41204	03/11/04	03/11/04	EPA 8021B	
Toluene	**0.0708**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.149**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.387**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.219**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory.. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

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

SPLP Volatile Halocarbons by EPA Method 1312/8021B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC41204 - EPA GC 1312										
Blank (EC41204-BLK1)				Prepared & Analyzed: 03/11/04						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*100*		*ug/kg*	*100*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.4*		*"*	*100*		*98.4*	*80-120*			
LCS (EC41204-BS1)				Prepared & Analyzed: 03/11/04						
Benzene	100		ug/kg	100		100	80-120			
Toluene	96.6		"	100		96.6	80-120			
Ethylbenzene	94.3		"	100		94.3	80-120			
Xylene (p/m)	189		"	200		94.5	80-120			
Xylene (o)	97.1		"	100		97.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*105*		*"*	*100*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.5*		*"*	*100*		*98.5*	*80-120*			
Calibration Check (EC41204-CCV1)				Prepared & Analyzed: 03/11/04						
Benzene	99.0		ug/kg	100		99.0	80-120			
Toluene	94.6		"	100		94.6	80-120			
Ethylbenzene	91.8		"	100		91.8	80-120			
Xylene (p/m)	184		"	200		92.0	80-120			
Xylene (o)	95.5		"	100		95.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*97.9*		*"*	*100*		*97.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*96.9*		*"*	*100*		*96.9*	*80-120*			
Duplicate (EC41204-DUP1)			**Source: 4C08008-02**	Prepared & Analyzed: 03/11/04						
Benzene	ND	0.00100	mg/L		ND				20	
Toluene	0.0744	0.00100	"		0.0708			4.96	20	
Ethylbenzene	0.142	0.00100	"		0.149			4.81	20	
Xylene (p/m)	0.380	0.00100	"		0.387			1.83	20	
Xylene (o)	0.219	0.00100	"		0.219			0.00	20	
Surrogate: a,a,a-Trifluorotoluene	*109*		*ug/kg*	*100*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*80-120*			

Environmental Lab of Texas

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Quality Assurance Review

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.
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

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.: 0-0100-26
PROJECT NAME: Site #26
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	BTEX 8021B	SPLP BTEX	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
3/1/04	0916		✓		60-62'	1	✓	✓		~~4E03001-01~~	4C08008
"	0917		✓		62-64'	1	✓	✓		-02	
"	0924		✓		64-66'	1	✓	✓		-03	
"	0925		✓		66-68'	1	✓	✓		-04	
"	0941		✓		68-70'	1	✓	✓		-05	
"	0942		✓		70-72'	1	✓	✓		-06	
"	0954		✓		72-74'	1	✓	✓	✓	~~-07~~	01
"	0955		✓		74-76'	1	✓	✓	✓	~~-08~~	02

SAMPLED BY: (Signature) Cindy Crain
DATE: 3/2/04 TIME: 1000

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 3/2/04 TIME: 1615

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:
3-8-04 Add Analysis Per Cindy Crain (KA)

TURNAROUND TIME NEEDED
RUSH 3 day

RECEIVING LABORATORY: ECOT
ADDRESS: 12600 W I-20 E
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: 3-02-04 TIME: 1615

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

SAMPLE CONDITION WHEN RECEIVED:
Hoz glass
Ice 4°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#26

Project Number: 0-0100-26

Location: None Given

Lab Order Number: 4C15001

Report Date: 03/18/04

Larson & Associates, Inc.	Project: Dynegy Site#26	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-26	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/18/04 12:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60-62'	4C15001-01	Soil	03/02/04 09:16	03/02/04 16:15
68-70'	4C15001-02	Soil	03/02/04 09:41	03/02/04 16:15

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