1R - 448

REPORTS

DATE:

12/8/2004

Larson & Associates, Inc.
Environmental Consultants

December 8, 2004

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: Final Pipeline Spill Remediation Report, Dynegy Midstream Services. L.P., Unit Letter C (NE/4, NW/4), Section 14, Township 22 South, Range 37 East, Lea County, New Mexico

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 one location (Site # 20) in the northeast quarter (NE/4) of the northwest quarter (NW/4), Section 14, Township 22 South, Range 37 East, Lea County, New Mexico. The spill occurred along a 24-inch pipeline trending north to south, at an area approximately 3.7 miles southeast of Eunice, New Mexico. Site #20 was investigated from August 14, 2002 through September 21, 2004. Figure 1 presents the location of the Site and a topographic map. Figure 2 presents details of the Site.

Prior to the initial investigation, impacted soil had been excavated from the area to a depth of approximately ten (10) feet below ground surface (bgs) and the 24-inch steel line was replaced with a 24-inch diameter HDPE line. Four (4) soil borings were drilled on August 14, 2002, and additional excavation occurred at the site from January 2003 until September 2004.

Initial Investigation

On August 14, 2002, LA personnel supervised installation of four (4) soil borings (BH-1, BH-2, BH-4 and BH-5) at Site #20. Scarborough Drilling, Inc. drilled the borings using an air rotary drilling rig. The borings were drilled to approximately 21 feet 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), and the concentration of organic vapors was displayed by the instrument in parts per million (ppm), and recorded in a bound field notebook. The PID was calibrated to 100.1 ppm isobutylene prior to obtaining headspace readings. The sample from each boring, at a depth of approximately 0 to 1 foot bgs 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 (20-21') was also analyzed for TPH by EPA method SW-846-8015. All soil samples collected from soil borings BH-1 and BH-2 were analyzed for chloride by EPA method SW-846-9253. The borings were filled with bentonite chips and hydrated with potable water. Table 1 presents a summary of the laboratory analyses and PID readings of soil samples from borings BH-1, BH-2, BH-4 and

BH-5. Figure 2 shows the locations of the soil borings. Appendix A presents the boring logs. Appendix B presents the laboratory analyses. Appendix C presents photographs.

Based on published literature (1961) and well records of the New Mexico State Engineer, groundwater occurs at approximately 60 to 68 feet bgs in wells located nearest Site #20. No domestic water wells are located within 1,000 feet of the site. The NMOCD has established soil remediation action levels (RRAL) for benzene, total BTEX and TPH resulting from spills of natural gas liquids ("Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993"). Remediation levels for benzene, total BTEX and TPH were calculated using the following NMOCD criteria:

Criteria	Result	Ranking Score
Depth-to-Groundwater	<50 Feet	20
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1000 Horizontal Feet	0
		Total: 20

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, benzene and total BTEX were reported below the test method detection limits in samples collected from soil borings BH-1, BH-2, BH-4 and BH-5. Concentrations of TPH were reported below the RRAL of 100 mg/kg in soil samples from all four (4) borings at a depth of 20-21 feet bgs. Concentrations of TPH exceeded the RRAL in soil samples collected from each boring at a depth of 0-1 foot bgs. Chloride concentrations in soil samples collected from BH-1 and BH-2 decreased with depth. Maximum chloride concentrations were reported in boring BH-4 at a depth of 20'21 feet bgs (496 mg/kg), and boring BH-5 at a depth of 10-11 feet bgs (1,030 mg/kg). The NMOCD does not have a documented RRAL for chloride.

In addition to the soil borings, samples were obtained using a stainless-steel hand auger at one location directly below the pipeline on September 4, 2002. Hand auger samples were collected from boring HA-1, installed beneath the pipeline, at depths of approximately 10 to 10.5 feet bgs, 15 to 16 feet bgs, and 18 to 19 feet bgs. Caliche was encountered at approximately 19 feet bgs, preventing advancement of the hand auger.

All soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain-of-custody control to ELOT. A duplicate of each sample was also placed in a clean glass sample jar for headspace analysis, as described above. The PID was calibrated to 100.1 isobutylene prior to obtaining headspace readings. The samples from 10-10.5 feet bgs and 18-19 feet bgs were analyzed for BTEX by EPA method-SW-846-8021B, and TPH by EPA method SW-846-8015, including GRO and DRO. All soil samples collected from hand auger boring HA-1 were analyzed for chloride by EPA method SW-846-9253. Table 1 presents a summary of the laboratory analyses and PID readings of soil samples from hand auger boring HA-1. Figure 2 shows the location of the soil boring. Appendix B presents the laboratory analyses.

Referring to Table 1, the soil sample collected from boring HA-1 at a depth of 10-10.5 feet bgs reported BTEX and TPH concentrations below the test method detection limits. Concentrations of BTEX were reported below the RRAL of 50 mg/kg in the sample from 18-19 feet bgs (3.328 mg/kg). Concentrations of TPH exceeded the RRAL of 100 mg/kg in the sample from 18-19 feet bgs (1,167 mg/kg). Chloride concentrations were reported at 1,670 mg/kg (10-10.5'), 1,330 mg/kg (15-16') and 1,950 mg/kg (18-19').

On January 29, 2003, samples were collected from the west wall of the excavation at the surface, and depths of approximately 2, 4, 6, 7 and 8 feet bgs. Soil samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain-of-custody control to ELOT. The samples were analyzed for TPH by EPA method SW-846-8015, including GRO and DRO, and for chloride by EPA method SW-846-9253. Table 2 presents a summary of the laboratory analyses of soil samples collected from the west side of the excavation. Figure 2 shows the sample locations. Appendix B presents the laboratory analyses.

Referring to Table 2, all samples collected from the west side of the excavation reported concentrations of TPH below the RRAL. A maximum chloride concentration of 443 mg/kg was reported in the samples SS-3 (4' bgs) and SS-9 (7' bgs).

Remediation Activities

On January 30, 2003, excavation of impacted soil began at Site #20 and LA collected soil samples from the bottom of the excavation at a depth of approximately 29 feet bgs (SS-15), and from the east side at a depth of approximately 12 feet bgs (SS-16). 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 TPH by EPA method SW-846-8015, BTEX by EPA method SW-846-8021B, and chlorides by EPA method SW-846-9253. Table 3 presents a summary of the laboratory analyses of soil samples from the excavation. Figure 3 shows the sample locations and laboratory results. Appendix B presents laboratory data and chain of custody documentation.

Referring to Table 3, sample SS-15, from the bottom of the excavation, reported concentrations of TPH above the RRAL (2,459 mg/kg).

Excavation continued at Site #20 from December 8, 2003 through September 21, 2004, with confirmation samples being collected on January 5, 14, 21 and 29, 2004, February 17 and 23, 2004, March 8 and 17, 2004, June 24, 2004, and September 10 and 21, 2004. All samples were placed in clean glass sample jars, labeled, chilled in an ice chest, and delivered under chain-of-custody control to ELOT, where they were analyzed for TPH by EPA method SW-846-8015. Selected samples were also analyzed for BTEX by EPA method SW-846-8021B. Table 3 presents a summary of the laboratory analyses of soil samples from the excavation. Figure 3 shows the sample locations and laboratory results. Appendix B presents laboratory data and chain of custody documentation. Appendix C presents photographs.

Soil from the excavation was placed adjacent to the hole, and periodically blended to reduce the TPH concentration below the RRAL. Soil with TPH concentrations in excess of the RRAL was hauled to an NMOCD approved landfarm. Soil that reported final TPH concentrations below the RRAL (Spoil-8, 17.7 mg/kg) was used to backfill the north portion of the hole in order to provide equipment access to continue excavating to the south. Figure 3 presents the backfilled area.

Excavation continued to the south until the lease road was encountered. Confirmation samples were collected on September 21, 2004. All samples reported concentrations of TPH below the RRAL, with the exception of sample SS-18 (1,946.2 mg/kg), collected from the south wall at a depth of approximately 30 feet bgs.

On November 12, 2004, Mr. Dave Harris and I met with you at Site #20 to discuss the possiblity of closure based on the proximity of the lease road and numerous pipelines at the southern boundary of the excavation. Dynegy proposes that final closure be granted for Site #20. Clean soil has been stockpiled at the site, and the excavation will be backfilled upon closure approval. Please call Mr. Dave Harris with Dynegy (505) 394-2534 or myself at (432) 687-0901 if you have any questions. We may also be reached by email at dhae@dynegy.com or cindy@laenvironmental.com.

Sincerely,
Larson & Associates, Inc.

Cindy K. Crain

Cindy K. Crain, CPG
Project Manager

Encl.

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

TABLES

Table 1: **Summary of Headspace and Laboratory Analysis of Soil Samples From Borings**
Dynegy Midstream Services, L. P., Spill Site No. 20
NE/4, NW/4, Section 14, Township 22 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
	RRAL			10	50			100	250
BH-1	8/14/2002	0-1	27.4	<0.025	<0.125	<50.0	4,050	4,050	1,360
	8/14/2002	5-6	9.3	---	---	---	---	---	425
	8/14/2002	10-11	11.3	---	---	---	---	---	213
	8/14/2002	15-16	0.9	---	---	---	---	---	70.9
	8/14/2002	20-21	6.6	---	---	<10.0	10.0	10.0	106
BH-2	8/14/2002	0-1	0.5	<0.025	<0.125	<10.0	624	624	1,350
	8/14/2002	5-6	0.1	---	---	---	---	---	762
	8/14/2002	10-11	0.1	---	---	---	---	---	70.9
	8/14/2002	15-16	0.0	---	---	---	---	---	53.2
	8/14/2002	20-21	0.0			<10.0	<10.0	<20.0	53.2
BH-4	8/14/2002	0-1	0.1	<0.025	<0.125	<10.0	<10.0	<20.0	35.4
	8/14/2002	5-6	0.1	---	---	---	---	---	98.5
	8/14/2002	10-11	0.1	---	---	---	---	---	160
	8/14/2002	15-16	0.0	---	---	---	---	---	53.2
	8/14/2002	20-21	0.0			<10.0	<10.0	<20.0	496
BH-5	8/14/2002	0-1	0.1	<0.025	<0.125	<10.0	156	156	35.4
	8/14/2002	5-6	0.2	---	---	---	---	---	118
	8/14/2002	10-11	0.1	---	---	---	---	---	1,030
	8/14/2002	15-16	0.1	---	---	---	---	---	53.2
	8/14/2002	20-21	0.0	---	---	<10.0	<10.0	<20.0	70.9
HA-1	9/4/2002	10-10.5		<0.025	<0.125	<10.0	<10.0	<20.0	1,670
	9/4/2002	15-16		---	---	---	---	---	1,330
	9/4/2002	18-19	---	0.360	3.328	311	856	1,167	1,950

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
10: HA: Hand auger samples

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

Table 2: Summary of Headspace and Laboratory Analysis of Soil Samples
Dynegy Midstream Services, L. P., Spill Site No. 20
NE/4, NW/4, Section 14, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Number	Sample Date	Sample Depth (feet BGS)	GRO C6-C10 mg/kg	DRO <C10-C28 mg/kg	TPH (C6-C28) mg/kg	Chloride mg/kg
	RRAL				100	250
SS-1	1/29/2003	0	<10	70	70	<20
SS-2	1/29/2003	2	<10	<10	<20	<20
SS-3	1/29/2003	4	<10	<10	<20	443
SS-4	1/29/2003	6	<10	<10	<20	<20
SS-5	1/29/2003	0	<10	40.5	40.5	106
SS-6	1/29/2003	2	<10	54.6	54.6	53.2
SS-7	1/29/2003	4	<10	183	183	<20
SS-8	1/29/2003	6	<10	<10	<20	<20
SS-9	1/29/2003	7	<10	<10	<20	443
SS-10	1/29/2003	0	<10	43.1	43.1	<20
SS-11	1/29/2003	2	<10	36.9	36.9	70.9
SS-12	1/29/2003	4	<10	55.5	55.5	<20
SS-13	1/29/2003	6	<10	<10	<20	<20
SS-14	1/29/2003	8	<10	102	102	<20

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

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

Table 3: **Summary of Headspace and Laboratory Analysis of Soil Samples From Excavation**
Dynegy Midstream Services, L. P., Spill Site No. 20
NE/4, NW/4, Section 14, Township 22 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-C10 mg/kg	DRO <C10-C28 mg/kg	TPH (C6-C28) mg/kg	Chloride mg/kg
RRAL					10	50			100	250
SS-15	1/30/2003	Bottom	29	---	0.893	23.533	669	1,790	2,459	142
SS-16	1/30/2003	East Side	12	---	<0.025	<0.125	<10	96.9	96.9	142
Spoil-1	11/17/2003	W of hole	---	49.1	---		23	982	1,005	---
Spoil-2	11/17/2003	E of hole	---	21.6	---		<10	462	462	
SS-2	1/5/2004	Bottom	32	1191	---		1,240	3,090	4,330	---
SS-3	1/5/2004	West Side	25	32.9	---		<10	20.6	20.6	---
SS-4	1/5/2004	North Side	24	37.4	---		<10	24.5	24.5	---
SS-5	1/5/2004	South Side	26	257.8	---		767	2,170	2,940	---
Spoil-1	1/5/2004	South pile	---	192.6	---		669	1,670	2,340	---
Spoil-2	1/5/2004	Middle pile	---	217.8	---		239	1,500	1,740	---
SS-6	1/14/2004	Bottom	40	20.2	---		<10	<10	<20	---
SS-7	1/21/2004	Bottom	40	85.3	---		<10	15.2	15.2	---
SS-9	1/21/2004	East Side	37	733.9	<0.0250	0.423	155	349	504	---
Spoil-3	1/21/2004	---	---	213	<0.0250	<0.125	51.2	273	324.2	---
Spoil-4	1/29/2004	---	---	223.1	<0.0250	<0.125	13.6	249	262.6	---
Spoil-5	2/4/2004	---	---	---	---		12.9	118	130.9	---
SS-8	2/17/2004	East Side	30	183.3	<0.0250	<0.125	<10	7.87	7.87	---
SS-10	2/17/2004	East Side	15	95.7	---		<10	52.60	52.60	---
SS-11	2/17/2004	East Side	30	25.1	---		<10	<10	<20	---
SS-12	2/17/2004	East Side	15	80.2	---		<10	10.4	10.4	---
SS-13	2/17/2004	South Side	30	449.7	<0.0250	0.7581	630	1,470	2,100	---
Spoil-6	2/17/2004	---	---	---	---		11.5	249	260.5	---
Spoil-7	2/23/2004	---	---	---	---		5.83	177	182.83	---
Spoil-8	3/17/2004	---	---	---	---		<10	17.7	17.7	---
South end	6/24/2004	Bottom	29	370	<0.025	0.3502	10.8	21.3	32.1	---
South end	6/24/2004	West Side	25	116	<0.025	<0.125	<10	<10	<20	---
South end	6/24/2004	South Side	25	761	<0.025	0.7409	158	830	988	---
South end	6/24/2004	East Side	25	8.2	---		454	647	1,100	---
SS-14	9/10/2004	Bottom	35	140.5	<0.025	0.0295	31.7	84	115.7	---
SS-15	9/10/2004	East Side	30	486.5	<0.025	1.5852	1,360	3,020	4,380	
SS-16	9/10/2004	South Side	30	52.2	---		43.7	320	363.7	---
SS-17	9/21/2004	East Side	30	6.7	---		<10	67	67	---
SS-18	9/21/2004	South Side	30	29.1	---		96.2	1,850	1,946.2	---
SS-19	9/21/2004	Bottom	37	1.7	---		<10	13.6	13.6	

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

FIGURES

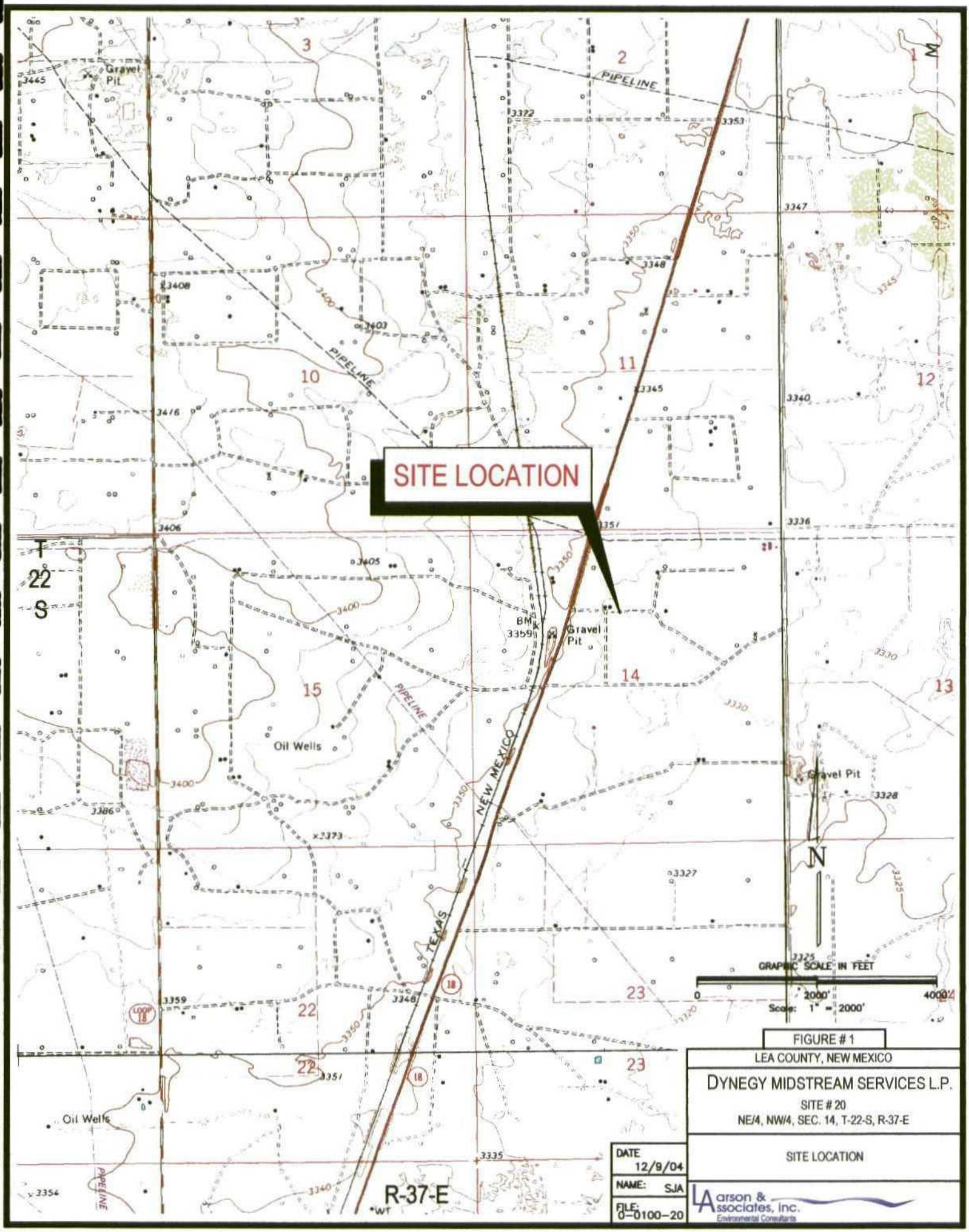


FIGURE # 1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

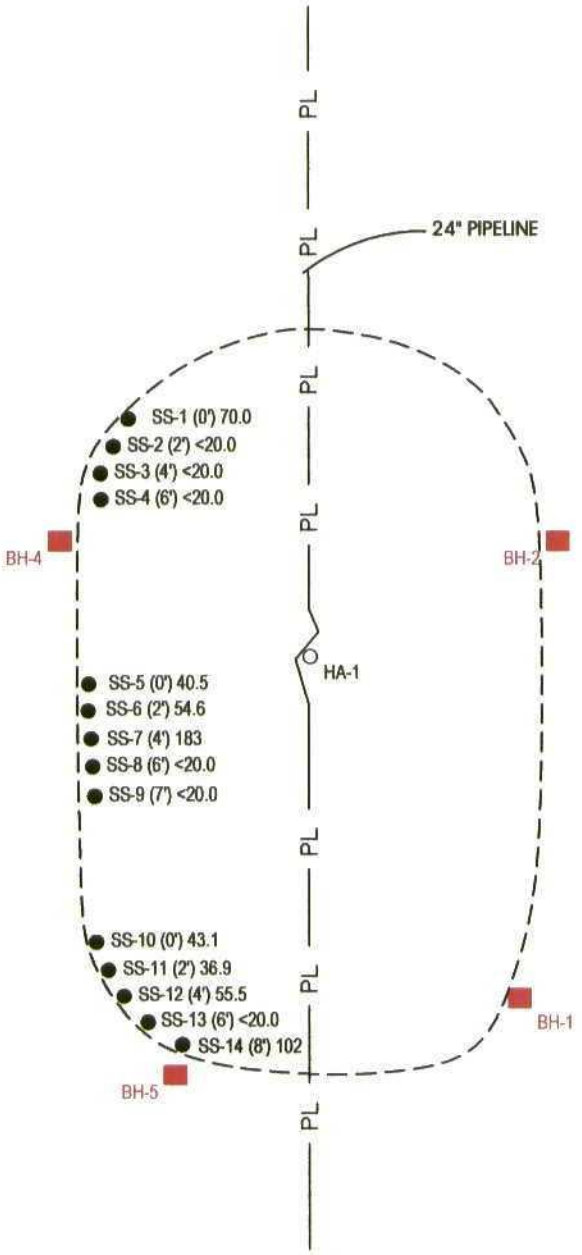
SITE # 20

NE/4, NW/4, SEC. 14, T-22-S, R-37-E

SITE LOCATION

DATE	12/9/04
NAME:	SJA
FILE:	0-0100-20

Larson & Associates, Inc.
Environmental Consultants



LEGEND

- - -	- EXCAVATION BOUNDARY (2002)
BH-1	- SOIL BORING LOCATION (8/14/02)
HA-1	- HAND AUGER BORING LOCATION, (9/4/02)
SS-10 (0') 43.1	- SOIL SAMPLE LOCATION, (1/29/03) WITH DEPTH (0') IN FEET AND TPH CONCENTRATION (MG/KG)

GRAPHIC SCALE IN FEET

0 10' 20'

Scale: 1" = 10'

FIGURE # 2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

NE/4, NW/4, SEC. 14, T-22-S, R-37-E

SITE DETAILS
SITE # 20

DATE	12/9/04
NAME:	SJA
FILE:	0-0100-20

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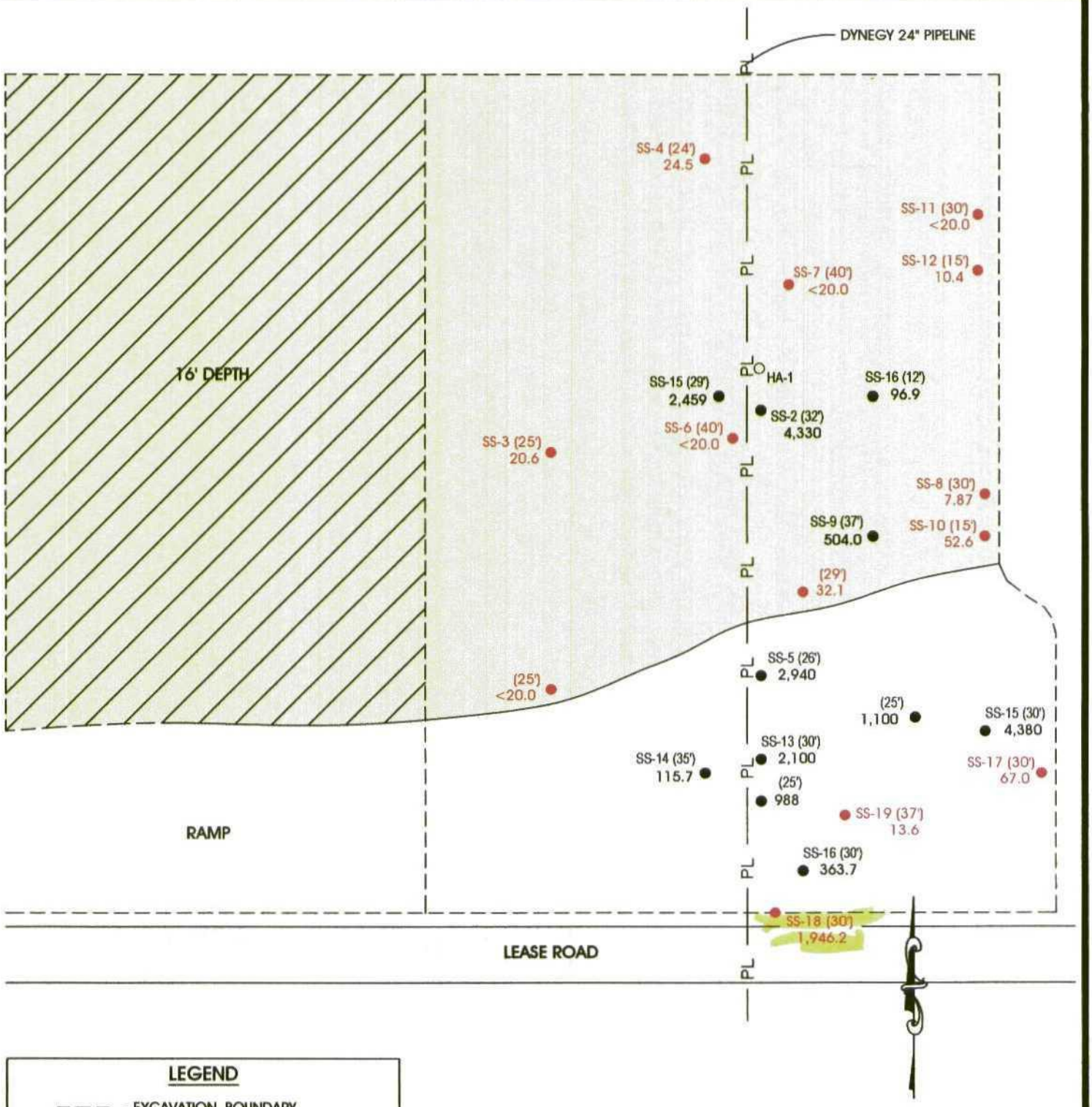


LEGEND

- ——— - EXCAVATION BOUNDARY
- HA-1 ○ - HAND AUGER LOCATION, (FOR REFERENCE)
- SS-15 (29') ● 2,459 - SOIL SAMPLE LOCATION, WITH DEPTH (FEET) AND TOTAL TPH CONCENTRATION (MG/KG)
- ▭ - BACKFILLED AREA (EXCAVATED TO 40' DEPTH)
- ▨ - EXCAVATED TO 16' DEPTH

GRAPHIC SCALE IN FEET

0 10' 20'

Scale: 1" = 10'

FIGURE # 3

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES L.P.

NE/4, NW/4, SEC. 14, T-22-S, R-37-E

EXCAVATION DETAILS
SITE # 20

DATE	12/9/04
NAME:	SJA
FILE:	0-0100-20

Larson & Associates, Inc.
Environmental Consultants

APPENDIX A

Boring Logs

Client: Dynegy Midstream Services, L.P.

Project: Site #20

Project No: 0-0100-20

Location: NE/4, NW/4, Sec. 14, T22S, 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) 10 20	Lab Analysis
0		Ground Surface					
		Sand 7.5 YR 7/3, brown quartz sand, very fine grained, poorly sorted, loose.	1			27.4	0 - 1' bgs TPH: 4,050 mg/kg Chloride: 1,360 mg/kg
5		***Caliche*** 5 YR 7/3, pink quartz sand, very fine grained, very poorly sorted, indurated	2			9.3	5 - 6' bgs Chloride: 425 mg/kg
10			3			11.3	10 - 11' bgs Chloride: 213 mg/kg
15			4			0.9	15 - 16' bgs Chloride: 70.9 mg/kg
		Silty, Clayey Sand 2.5 YR 5/6, red quartz sand, very fine grained, poorly sorted, moderately loose					
20			5			6.6	20 - 21' bgs TPH: 10 mg/kg Chloride: 106 mg/kg
		TD at 21'					
25							

Drilling Method: Air Rotary

Date Drilled: 8/14/02

Hole Size: 6"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Site #20

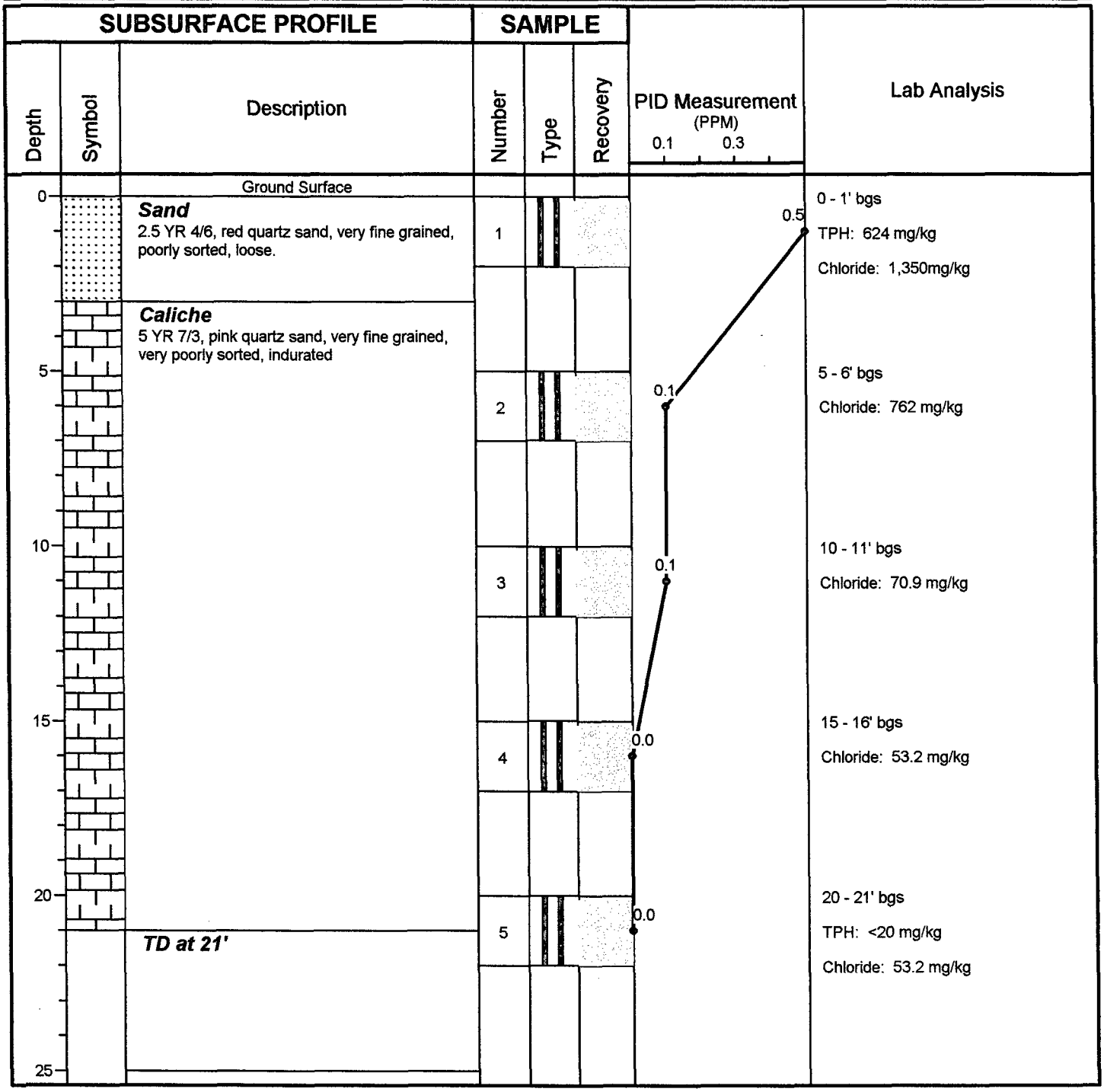
Project No: 0-0100-20

Location: NE/4, NW/4, Sec. 14, T22S, 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: 6"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Site #20

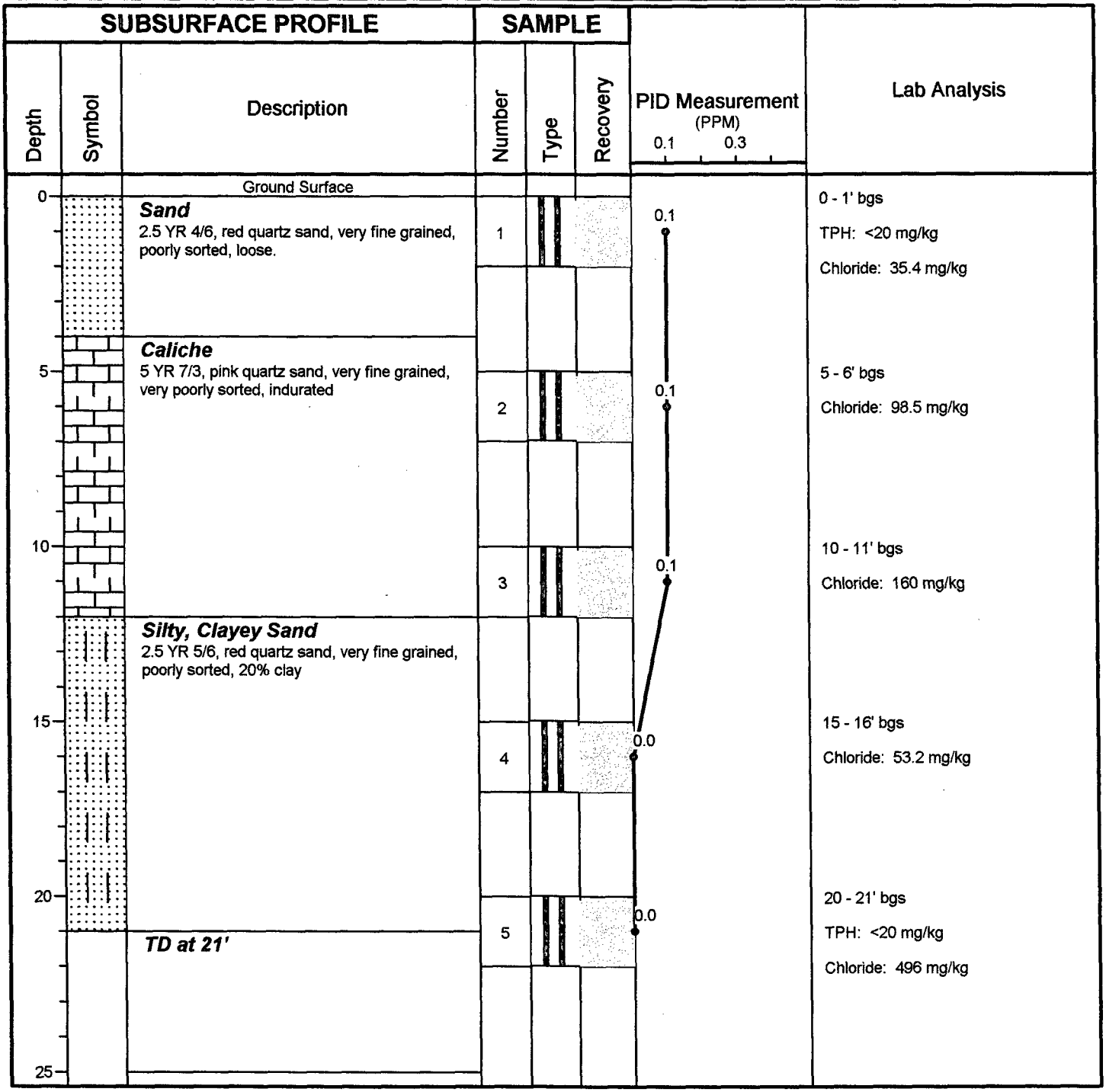
Project No: 0-0100-20

Location: NE/4, NW/4, Sec. 14, T22S, R37E, Lea Co., NM

Log of Borehole: BH-4

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Air Rotary

Date Drilled: 8/14/02

Hole Size: 6"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Site #20

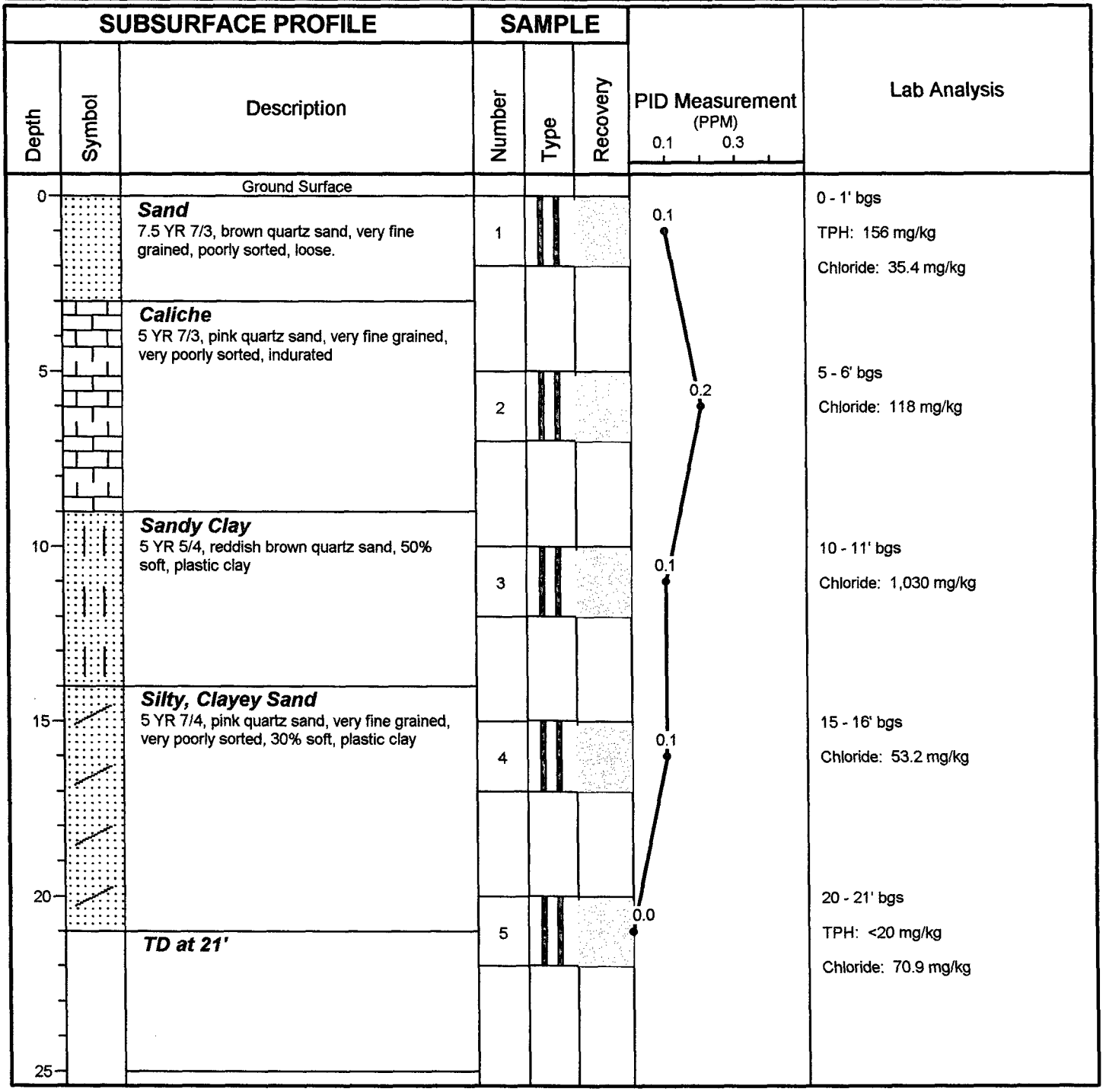
Project No: 0-0100-20

Location: NE/4, NW/4, Sec. 14, T22S, R37E, Lea Co., NM

Log of Borehole: BH-5

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Air Rotary

Date Drilled: 8/14/02

Hole Size: 6"

Larson and Associates, Inc.
507 North Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901

Checked by: CKC

Drilled by: Scarborough Drilling

APPENDIX B

Laboratory Reports

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/ Site No. 20
PO#:	
Order#:	G0204236
Report Date:	08/21/2002

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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
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
0204236-01	BH-1 (0-1')	SOIL	8/14/02 12:40	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-02	BH-1 (5-6')	SOIL	8/14/02 12:43	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-03	BH-1 (10-11')	SOIL	8/14/02 12:50	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-04	BH-1 (15-16')	SOIL	8/14/02 12:55	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-05	BH-1 (20-21')	SOIL	8/14/02 13:00	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-06	BH-2 (0-1')	SOIL	8/14/02 11:15	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-07	BH-2 (5-6')	SOIL	8/14/02 11:23	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
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
0204236-08	BH-2 (10-11')	SOIL	8/14/02 11:29	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-09	BH-2 (15-16')	SOIL	8/14/02 11:38	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-10	BH-2 (20-21')	SOIL	8/14/02 11:52	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-11	BH-4 (0-1')	SOIL	8/14/02 13:20	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M 8021B/5030 BTEX Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-12	BH-4 (5-6')	SOIL	8/14/02 13:25	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-13	BH-4 (10-11')	SOIL	8/14/02 13:28	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 1.0 C		
0204236-14	BH-4 (15-16')	SOIL	8/14/02 13:34	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	**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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
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
0204236-15	BH-4 (20-21')	SOIL	8/14/02 13:40	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, Chloride	Rejected: No		Temp: 1.0 C		
0204236-16	BH-5 (0-1')	SOIL	8/14/02 14:02	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, 8021B/5030 BTEX, Chloride	Rejected: No		Temp: 1.0 C		
0204236-17	BH-5 (5-6')	SOIL	8/14/02 14:05	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 1.0 C		
0204236-18	BH-5 (10-11')	SOIL	8/14/02 14:08	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 1.0 C		
0204236-19	BH-5 (15-16')	SOIL	8/14/02 14:12	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 1.0 C		
0204236-20	BH-5 (20-21')	SOIL	8/14/02 14:18	8/15/02 16:10	4 oz glass	Ice
	Lab Testing: 8015M, Chloride	Rejected: No		Temp: 1.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-01
Sample ID: BH-1 (0-1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<50.0	50.0
DRO, >C12-C35	4050	50.0
TOTAL, C6-C35	4050	50.0

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002898-02		8/19/02 20:15	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	95%	73	115
Bromofluorobenzene	104%	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-05
Sample ID: BH-1 (20-21')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	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: 0204236-06
Sample ID: BH-2 (0-1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**624**	10.0
TOTAL, C6-C35	**624**	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-06
Sample ID: BH-2 (0-1')

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002898-02		8/19/02 20:38	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	79%	73	115
Bromofluorobenzene	102%	72	110

Lab ID: 0204236-10
Sample ID: BH-2 (20-21')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-11
Sample ID: BH-4 (0-1')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	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

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002898-02		8/19/02 21:00	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	92%	73	115
Bromofluorobenzene	112%	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-15
Sample ID: BH-4 (20-21')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		8/17/02	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: 0204236-16
Sample ID: BH-5 (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	**<10.0**	10.0
DRO, >C12-C35	**156**	10.0
TOTAL, C6-C35	**156**	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-16
Sample ID: BH-5 (0-1')

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002898-02		8/19/02 21:22	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	82%	73	115
Bromofluorobenzene	108%	72	110

Lab ID: 0204236-20
Sample ID: BH-5 (20-21')

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

Approval: Celey D. Keene 8/22/02
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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-01
Sample ID: BH-1 (0-1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1360	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-02
Sample ID: BH-1 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	425	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-03
Sample ID: BH-1 (10-11')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	213	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-04
Sample ID: BH-1 (15-16')

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

Lab ID: 0204236-05
Sample ID: BH-1 (20-21')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	106	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-06
Sample ID: BH-2 (0-1')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1350	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-07
Sample ID: BH-2 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	762	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-08
Sample ID: BH-2 (10-11')

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

Lab ID: 0204236-09
Sample ID: BH-2 (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: 0204236-10
Sample ID: BH-2 (20-21')

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: 0204236-11
Sample ID: BH-4 (0-1')

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: 0204236-12
Sample ID: BH-4 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	98.5	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-13
Sample ID: BH-4 (10-11')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	160	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-14
Sample ID: BH-4 (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: 0204236-15
Sample ID: BH-4 (20-21')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	496	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-16
Sample ID: BH-5 (0-1')

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: 0204236-17
Sample ID: BH-5 (5-6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	118	mg/kg	1	20.0	9253	8/17/02	SB

Lab ID: 0204236-18
Sample ID: BH-5 (10-11')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1030	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#: G0204236
Project: 0-0100-20
Project Name: Dynegy/ Site No. 20
Location: None Given

Lab ID: 0204236-19
Sample ID: BH-5 (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: 0204236-20
Sample ID: BH-5 (20-21')

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

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#: G0204236

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0002900-02			<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	0204184-04	0	952	1100	115.5%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0204184-04	1100	952	1130	119.%	2.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0002900-05		1000	1170	117.%	
TOTAL, C6-C35-mg/kg	0002914-05		1000	950	95.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204236

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0002898-02			<0.025		
Ethylbenzene-mg/kg	0002898-02			<0.025		
Toluene-mg/kg	0002898-02			<0.025		
p/m-Xylene-mg/kg	0002898-02			<0.025		
o-Xylene-mg/kg	0002898-02			<0.025		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0002898-03		0.1	0.101	101.%	
Ethylbenzene-mg/kg	0002898-03		0.1	0.107	107.%	
Toluene-mg/kg	0002898-03		0.1	0.105	105.%	
p/m-Xylene-mg/kg	0002898-03		0.2	0.214	107.%	
o-Xylene-mg/kg	0002898-03		0.1	0.105	105.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0002898-04		0.1	0.102	102.%	1.%
Ethylbenzene-mg/kg	0002898-04		0.1	0.108	108.%	0.9%
Toluene-mg/kg	0002898-04		0.1	0.107	107.%	1.9%
p/m-Xylene-mg/kg	0002898-04		0.2	0.216	108.%	0.9%
o-Xylene-mg/kg	0002898-04		0.1	0.105	105.%	0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0002898-05		0.1	0.100	100.%	
Ethylbenzene-mg/kg	0002898-05		0.1	0.104	104.%	
Toluene-mg/kg	0002898-05		0.1	0.109	109.%	
p/m-Xylene-mg/kg	0002898-05		0.2	0.216	108.%	
o-Xylene-mg/kg	0002898-05		0.1	0.105	105.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0204236

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0002893-01			<20.0		
Chloride-mg/kg	0002894-01			<20.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0204212-01	5700	10000	15600	99.%	
Chloride-mg/kg	0204236-10	53.2	1000	1050	99.7%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0204212-01	5700	10000	15400	97.%	1.3%
Chloride-mg/kg	0204236-10	53.2	1000	1050	99.7%	0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0002893-04		5000	4960	99.2%	
Chloride-mg/kg	0002894-04		5000	4960	99.2%	

CHAIN—OF—CUSTODY RECORD

CLIENT NAME: Dynegy

SITE MANAGER: Cindy Crain

PROJECT NO.: 0-0100-20

PROJECT NAME: Site No. 20

PAGE 1 OF 2

LAB. PO #

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

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)
8/14/02	1240		✓		BH-1 (0-1')	1	✓	✓	✓	0204236-01	
"	1243		✓		BH-1 (5-6')	1			✓	02	
"	1250		✓		BH-1 (10-11')	1			✓	03	
"	1255		✓		BH-1 (15-16')	1			✓	04	
"	1300		✓		BH-1 (20-21')	1		✓	✓	05	
"	1115		✓		BH-2 (0-1')	1	✓	✓	✓	06	
"	1123		✓		BH-2 (5-6')	1			✓	07	
"	1129		✓		BH-2 (10-11')	1	[illegible]		✓	08	
"	1138		✓		BH-2 (15-16')	1			✓	09	
"	1152		✓		BH-2 (20-21')	1		✓	✓	10	
"	1320		✓		BH-4 (0-1')	1	✓	✓	✓	11	
"	1325		✓		BH-4 (5-6')	1			✓	12	
"	1328		✓		BH-4 (10-11')	1			✓	13	
"	1334		✓		BH-4 (15-16')	1			✓	14	
"	1340		✓		BH-4 (20-21')	1		✓	✓	15	
"	1402		✓		BH-5 (0-1')	1	✓	✓	✓	16	
"	1405		✓		BH-5 (5-6')	1			✓	17	
"	1408		✓		BH-5 (10-11')	1			✓	18	

SAMPLED BY: (Signature) Cindy Crain
DATE: 8/15/02
TIME: 2:02

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 TX
ADDRESS: 12600 W. I-20 E
CITY: Odessa STATE: Tx ZIP: 79765
CONTACT: PHONE: 563-1800

RECEIVED BY: (Signature) Jeanne McMurrey
DATE: 08-15-02 TIME: 1610

SAMPLE CONDITION WHEN RECEIVED: Rec 1.0°C

LA CONTACT PERSON:

SAMPLE TYPE:

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.: 0-0100-20

PROJECT NAME: Site No. 20

PAGE 2 OF 2

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	PARAMETERS/METHOD NUMBER: Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
3/14/02	1412		✓		BH-5 (15-16')	1		✓	0204236-19	
"	1418		✓		BH-5 (20-21')	1	✓	✓	20	

SAMPLED BY: (Signature) Cindy Crain
DATE: 3/15/02
TIME: 2:04

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 3/15/02
TIME: 1610

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

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

RECEIVED BY: (Signature) Joanne Mcmurry
DATE: 03-15-02 TIME: 1610

SAMPLE CONDITION WHEN RECEIVED: Rec 1.0°C

LA CONTACT PERSON:

SAMPLE TYPE:

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0204435

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003065-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003065-03		952	835	87.7%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003065-04		952	862	90.5%	3.2%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003065-05		1000	859	85.9%	

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy/ Site #20

PO#:

Order#: G0305583

Report Date: 01/31/2003

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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
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
0305583-01	SS-1 (Surface)	SOIL	1/29/03 10:42	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-02	SS-2 (2')	SOIL	1/29/03 10:44	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-03	SS-3 (4')	SOIL	1/29/03 10:46	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-04	SS-4 (6')	SOIL	1/29/03 10:48	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-05	SS-5 (Surface)	SOIL	1/29/03 10:50	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-06	SS-6 (2')	SOIL	1/29/03 10:52	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-07	SS-7 (4')	SOIL	1/29/03 10:54	1/29/03 16:35	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 7.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

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

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
	8015M Chloride					
0305583-08	SS-8 (6')	SOIL	1/29/03 10:56	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-09	SS-9 (7')	SOIL	1/29/03 10:58	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-10	SS-10 (Surface)	SOIL	1/29/03 11:00	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-11	SS-11 (2')	SOIL	1/29/03 11:02	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-12	SS-12 (4')	SOIL	1/29/03 11:04	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		
0305583-13	SS-13 (6')	SOIL	1/29/03 11:06	1/29/03 16:35	4 oz glass	Ice
	Lab Testing: 8015M Chloride	**Rejected:** No		**Temp:** 7.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
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
0305583-14	SS-14 (8')	SOIL	1/29/03 11:08	1/29/03 16:35	4 oz glass	Ice

Lab Testing:
8015M
Chloride

Rejected: No **Temp:** 7.0 C

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-01
Sample ID: SS-1 (Surface)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	70.0	10.0
TOTAL, C6-C35	70.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	117%	70	130

Lab ID: 0305583-02
Sample ID: SS-2 (2')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	108%	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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-03
Sample ID: SS-3 (4')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	106%	70	130

Lab ID: 0305583-04
Sample ID: SS-4 (6')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	104%	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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-05
Sample ID: SS-5 (Surface)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**40.5**	10.0
TOTAL, C6-C35	**40.5**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**87%**	**70**	**130**
1-Chlorooctadecane	**95%**	**70**	**130**

Lab ID: 0305583-06
Sample ID: SS-6 (2')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**54.6**	10.0
TOTAL, C6-C35	**54.6**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**91%**	**70**	**130**
1-Chlorooctadecane	**96%**	**70**	**130**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-07
Sample ID: SS-7 (4')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	183	10.0
TOTAL, C6-C35	183	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	106%	70	130

Lab ID: 0305583-08
Sample ID: SS-8 (6')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	94%	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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-09
Sample ID: SS-9 (7')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	85%	70	130
1-Chlorooctadecane	89%	70	130

Lab ID: 0305583-10
Sample ID: SS-10 (Surface)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	43.1	10.0
TOTAL, C6-C35	43.1	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	80%	70	130
1-Chlorooctadecane	86%	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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-11
Sample ID: SS-11 (2')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	36.9	10.0
TOTAL, C6-C35	36.9	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	103%	70	130

Lab ID: 0305583-12
Sample ID: SS-12 (4')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	55.5	10.0
TOTAL, C6-C35	55.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	99%	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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-13
Sample ID: SS-13 (6')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	98%	70	130

Lab ID: 0305583-14
Sample ID: SS-14 (8')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/30/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	102	10.0
TOTAL, C6-C35	102	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	100%	70	130

Approval: Raland K Tuttle 2-03-03
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#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-01
Sample ID: SS-1 (Surface)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-02
Sample ID: SS-2 (2')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-03
Sample ID: SS-3 (4')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	443	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-04
Sample ID: SS-4 (6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-05
Sample ID: SS-5 (Surface)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	106	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-06
Sample ID: SS-6 (2')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	53.2	mg/kg	1	20	9253	1/30/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305583
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305583-07
Sample ID: SS-7 (4')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-08
Sample ID: SS-8 (6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-09
Sample ID: SS-9 (7')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	443	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-10
Sample ID: SS-10 (Surface)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-11
Sample ID: SS-11 (2')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	70.9	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-12
Sample ID: SS-12 (4')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN		Order#:	G0305583
LARSON AND ASSOCIATES, INC.		Project:	0-0100-20
P.O. BOX 50685		Project Name:	Dynegy/ Site #20
MIDLAND, TX 79710		Location:	None Given

Lab ID: 0305583-13
Sample ID: SS-13 (6')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Lab ID: 0305583-14
Sample ID: SS-14 (8')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	<20	mg/kg	1	20	9253	1/30/03	SB

Approval: Raland K. Tuttle 2-03-03
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#: G0305583

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004499-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305583-03	0	952	788	82.8%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305583-03	0	952	800	84.%	1.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004499-05		1000	866	86.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305583

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0004484-01			<20		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305582-01	124	1000	1120	99.6%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305582-01	124	1000	1130	100.6%	0.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0004484-04		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.: 0-0100-20

PROJECT NAME: Site #20

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: Chloride	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/29/03	1042		✓		SS-1 (Surface)	1	✓	✓	0305583-01	
"	1044		✓		SS-2 (2')	1	✓	✓	02	
"	1046		✓		SS-3 (4')	1	✓	✓	03	
"	1048		✓		SS-4 (6')	1	✓	✓	04	
"	1050		✓		SS-5 (Surface)	1	✓	✓	05	
"	1052		✓		SS-6 (2')	1	✓	✓	06	
"	1054		✓		SS-7 (4')	1	✓	✓	07	
"	1056		✓		SS-8 (6')	1	✓	✓	08	
"	1058		✓		SS-9 (7')	1	✓	✓	09	
"	1100		✓		SS-10 (Surface)	1	✓	✓	10	
"	1102		✓		SS-11 cc (2')	1	✓	✓	11	
"	1104		✓		SS-12 cc (4')	1	✓	✓	12	
"	1106		✓		SS-13 cc (6')	1	✓	✓	13	
"	1108		✓		SS-14 cc (8')	1	✓	✓	14	

SAMPLED BY: (Signature) Cindy Crain
DATE: 1/29/03
TIME: 1115

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 1/29/03
TIME: 1635

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

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) Jane Memmey
DATE: 01-29-03 TIME: 1635

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

SAMPLE CONDITION WHEN RECEIVED: 7.0°C

LA CONTACT PERSON:

SAMPLE TYPE: Soil

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/ Site #20
PO#:	
Order#:	G0305596
Report Date:	01/31/2003

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#: G0305596
Project: 0-0100-20
Project Name: Dynegy/ Site #20
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
0305596-01	SS-15 (29')	SOIL	1/30/03 14:52	1/30/03 17:25	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0305596-02	SS-16 (12')	SOIL	1/30/03 15:00	1/30/03 17:25	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305596
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305596-01
Sample ID: SS-15 (29')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/31/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**669**	10.0
DRO, >C12-C35	**1,790**	10.0
TOTAL, C6-C35	**2,459**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**95%**	**70**	**130**
1-Chlorooctadecane	**122%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004493-02		1/30/03 9:15	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**0.893**	0.025
Toluene	**1.32**	0.025
Ethylbenzene	**5.45**	0.025
p/m-Xylene	**12.7**	0.025
o-Xylene	**3.17**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**642%**	**80**	**120**
Bromofluorobenzene	**113%**	**80**	**120**

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305596
Project: 0-0100-20
Project Name: Dynegy/ Site #20
Location: None Given

Lab ID: 0305596-02
Sample ID: SS-16 (12')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/31/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	96.9	10.0
TOTAL, C6-C35	96.9	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	88%	70	130
1-Chlorooctadecane	93%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004493-02		1/30/03 9:37	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	92%	80	120
Bromofluorobenzene	85%	80	120

Approval: Jeanne McMurrey 01-31-03
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		Order#:	G0305596
LARSON AND ASSOCIATES, INC.		Project:	0-0100-20
P.O. BOX 50685		Project Name:	Dynegy/ Site #20
MIDLAND, TX 79710		Location:	None Given

Lab ID: 0305596-01
Sample ID: SS-15 (29')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	142	mg/kg	1	20	9253	1/31/03	SB

Lab ID: 0305596-02
Sample ID: SS-16 (12')

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	142	mg/kg	1	20	9253	1/31/03	SB

Approval: Jeanne McMurrey 01-31-03
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 I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305596

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004499-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305583-03	0	952	788	82.8%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305583-03	0	952	800	84.%	1.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004499-05		1000	866	86.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305596

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004493-02			<0.025		
Toluene-mg/kg	0004493-02			<0.025		
Ethylbenzene-mg/kg	0004493-02			<0.025		
p/m-Xylene-mg/kg	0004493-02			<0.025		
o-Xylene-mg/kg	0004493-02			<0.025		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004493-03		0.1	0.107	107.%	
Toluene-mg/kg	0004493-03		0.1	0.109	109.%	
Ethylbenzene-mg/kg	0004493-03		0.1	0.105	105.%	
p/m-Xylene-mg/kg	0004493-03		0.2	0.235	117.5%	
o-Xylene-mg/kg	0004493-03		0.1	0.106	106.%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004493-04		0.1	0.101	101.%	5.8%
Toluene-mg/kg	0004493-04		0.1	0.105	105.%	3.7%
Ethylbenzene-mg/kg	0004493-04		0.1	0.102	102.%	2.9%
p/m-Xylene-mg/kg	0004493-04		0.2	0.231	115.5%	1.7%
o-Xylene-mg/kg	0004493-04		0.1	0.103	103.%	2.9%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004493-05		0.1	0.094	94.%	
Toluene-mg/kg	0004493-05		0.1	0.094	94.%	
Ethylbenzene-mg/kg	0004493-05		0.1	0.086	86.%	
p/m-Xylene-mg/kg	0004493-05		0.2	0.193	96.5%	
o-Xylene-mg/kg	0004493-05		0.1	0.087	87.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305596

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg	0004494-01			<20		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305586-01	213	1000	1200	98.7%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0305586-01	213	1000	1220	100.7%	1.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/kg	0004494-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: **G0305596**

Project: **Dynegy/ Site #20**

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-15 (29')	0305596-01	SOIL	01/30/2003	01/30/2003
SS-16 (12')	0305596-02	SOIL	01/30/2003	01/30/2003

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference from coeluting compounds. (0305596-01)

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: Jeanne McMurrey Date: 01-31-03

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:	SITE MANAGER:
Dynegy	Cindy Crain
PROJECT NO.:	PROJECT NAME:
0-0100-20	Site #20
PAGE OF	LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH 8015M	Chloride	BTEX	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/30/03	1452		✓		SS-15 @ ~~37~~ (29')	1	✓	✓	✓	0305596-01	
"	1500		✓		SS-16 (12')	1	✓	✓	✓	02	

PARAMETERS/METHOD NUMBER

SAMPLED BY: (Signature) Cindy Crain — DATE: 1/30/03 TIME: 1506

RELINQUISHED BY: (Signature) — DATE: TIME:

RECEIVED BY: (Signature) — DATE: TIME:

RELINQUISHED BY: (Signature) Cindy Crain — DATE: 1/30/03 TIME: 1725

RECEIVED BY: (Signature) — DATE: 1-30-03 TIME: 1725

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

COMMENTS: Please call C. Crain w/verbal results (556-8665)

TURNAROUND TIME NEEDED: RUSH

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

RECEIVED BY: (Signature)
DATE: 1-30-03 TIME: 1725

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

SAMPLE CONDITION WHEN RECEIVED: 3.5°C

LA CONTACT PERSON:

SAMPLE TYPE: Soil

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy Site #20
PO#:	0-0100-20
Order#:	G0307960
Report Date:	11/19/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0307960
Project:
Project Name: Dynegy Site #20
Location: Eunice, NM

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
0307960-01	Spoil-1	SOIL	11/17/03 12:10	11/17/03 16:00	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 5 C		
0307960-02	Spoil-2	SOIL	11/17/03 12:15	11/17/03 16:00	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0307960
Project:
Project Name: Dynegy Site #20
Location: Eunice, NM

Lab ID: 0307960-01
Sample ID: Spoil-1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/17/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**23.0**	10.0
DRO, >C12-C35	**982**	10.0
TOTAL, C6-C35	**1,005**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	106%	70	130

Lab ID: 0307960-02
Sample ID: Spoil-2

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/17/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**<10.0**	10.0
DRO, >C12-C35	**462**	10.0
TOTAL, C6-C35	**462**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	91%	70	130

Approval: Raland K Tuttle 11-19-03
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#: G0307960

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0007467-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0007467-03		952	1030	108.2%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0007467-04		952	1038	109.%	0.8%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0007467-05		1000	925	92.5%	

Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Cindy Crain
Company Name: Larson and Associates, Inc.
Company Address: 507 N. Marienfeld, Ste. 202
City/State/Zip: Midland, TX 79702
Telephone No: (432) 687-0901 Fax No: (432) 687-0456
Sampler Signature: Cindy Crain

Project Name: Dynegy Site #20
Project #: 0-0100-20
Project Loc: Eunice, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 / 8015M / 1005 / 1006	TOTAL: TPH: 418.1 / 8015M / 1005 / 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.						RUSH TAT (Pre-Schedule)	Standard TAT
0307960-01	Spoil-1	11/17/03	1210	1	✓					✓				✓		✓																	
02	Spoil-2	"	1215	1	✓					✓				✓		✓																	

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 5.0 °C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	11/17/03	1600			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Alex Keese	11/17/03	1600

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #20

Project Number: 0-0100-20

Lab Order Number: 4A06001

Report Date: 01/08/04

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/08/04 17:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-2	4A06001-01	Soil	01/05/04 14:10	01/06/04 08:10
SS-3	4A06001-02	Soil	01/05/04 14:20	01/06/04 08:10
SS-4	4A06001-03	Soil	01/05/04 14:25	01/06/04 08:10
SS-5	4A06001-04	Soil	01/05/04 14:15	01/06/04 08:10
Spoil-1	4A06001-05	Soil	01/05/04 14:50	01/06/04 08:10
Spoil-2	4A06001-06	Soil	01/05/04 14:55	01/06/04 08:10

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/12/04 10:26

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-2 (4A06001-01) Soil Sampled: 01/05/04 14:10 Received: 01/06/04 08:10									**S-04**
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*178 %*	*70-130*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**1240**	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**3090**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4330**	10.0	"	"	"	"	"	"	
SS-3 (4A06001-02) Soil Sampled: 01/05/04 14:20 Received: 01/06/04 08:10									
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*114 %*	*70-130*		"	"	"	"	
Gasoline Range Organics C6-C12	0.00	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**20.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**20.6**	10.0	"	"	"	"	"	"	
SS-4 (4A06001-03) Soil Sampled: 01/05/04 14:25 Received: 01/06/04 08:10									
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*112 %*	*70-130*		"	"	"	"	
Gasoline Range Organics C6-C12	0.00	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**24.5**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**24.5**	10.0	"	"	"	"	"	"	
SS-5 (4A06001-04) Soil Sampled: 01/05/04 14:15 Received: 01/06/04 08:10									**S-04**
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*153 %*	*70-130*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**767**	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**2170**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2940**	10.0	"	"	"	"	"	"	

Raland Tuttle, Laboratory Director

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/12/04 10:26

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil-1 (4A06001-05) Soil Sampled: 01/05/04 14:50 Received: 01/06/04 08:10									
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
Gasoline Range Organics C6-C12	**669**	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**1670**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2340**	10.0	"	"	"	"	"	"	
Spoil-2 (4A06001-06) Soil Sampled: 01/05/04 14:55 Received: 01/06/04 08:10									
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*EA40810*	*01/06/04*	*01/06/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*127 %*	*70-130*		"	"	"	"	
Gasoline Range Organics C6-C12	**239**	10.0	mg/kg dry	"	"	"	"	"	
Diesel Range Organics >C12-C35	**1500**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1740**	10.0	"	"	"	"	"	"	

Raland Tuttle, Laboratory Director

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/08/04 17:41

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-2 (4A06001-01) Soil	**Sampled: 01/05/04 14:10**	**Received: 01/06/04 08:10**							
% Solids	88.0		%	1	EA40702	01/07/04	01/07/04	% calculation	
SS-3 (4A06001-02) Soil	**Sampled: 01/05/04 14:20**	**Received: 01/06/04 08:10**							
% Solids	90.0		%	1	EA40702	01/07/04	01/07/04	% calculation	
SS-4 (4A06001-03) Soil	**Sampled: 01/05/04 14:25**	**Received: 01/06/04 08:10**							
% Solids	88.0		%	1	EA40702	01/07/04	01/07/04	% calculation	
SS-5 (4A06001-04) Soil	**Sampled: 01/05/04 14:15**	**Received: 01/06/04 08:10**							
% Solids	91.0		%	1	EA40702	01/07/04	01/07/04	% calculation	
Spoil-1 (4A06001-05) Soil	**Sampled: 01/05/04 14:50**	**Received: 01/06/04 08:10**							
% Solids	81.0		%	1	EA40702	01/07/04	01/07/04	% calculation	
Spoil-2 (4A06001-06) Soil	**Sampled: 01/05/04 14:55**	**Received: 01/06/04 08:10**							
% Solids	97.0		%	1	EA40702	01/07/04	01/07/04	% calculation	

Raland Tuttle, Laboratory Director

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/08/04 17:41

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA40810 - Solvent Extraction										
Blank (EA40810-BLK1)				Prepared & Analyzed: 01/06/04						
Surrogate: 1-Chlorooctane	*37.1*		*mg/kg*	*50.0*		*74.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.0*		*"*	*50.0*		*74.0*	*70-130*			
Gasoline Range Organics C6-C12	0.00	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	0.00	10.0	"							
Total Hydrocarbon C6-C35	0.00	10.0	"							
LCS (EA40810-BS1)				Prepared & Analyzed: 01/06/04						
Surrogate: 1-Chlorooctane	*51.0*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*61.0*		*"*	*50.0*		*122*	*70-130*			
Total Hydrocarbon C6-C35	831		"	1000		83.1	75-125			
Calibration Check (EA40810-CCV1)				Prepared & Analyzed: 01/06/04						
Surrogate: 1-Chlorooctane	*59.1*		*mg/kg*	*50.0*		*118*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.5*		*"*	*50.0*		*93.0*	*70-130*			
Total Hydrocarbon C6-C35	940		"	1000		94.0	75-125			
Matrix Spike (EA40810-MS1)		**Source: 4A06001-02**		Prepared & Analyzed: 01/06/04						
Surrogate: 1-Chlorooctane	*57.6*		*mg/kg*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*60.0*		*"*	*50.0*		*120*	*70-130*			
Total Hydrocarbon C6-C35	917		"	1000	18.5	89.8	70-130			
Matrix Spike Dup (EA40810-MSD1)		**Source: 4A06001-02**		Prepared & Analyzed: 01/06/04						
Surrogate: 1-Chlorooctane	*57.6*		*mg/kg*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*60.5*		*"*	*50.0*		*121*	*70-130*			
Total Hydrocarbon C6-C35	932		"	1000	18.5	91.4	70-130	1.77	30	

Raland Tuttle, Laboratory Director

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/08/04 17:41

Conventional 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 EA40702 - % Moisture										
Blank (EA40702-BLK1)				Prepared & Analyzed: 01/07/04						
% Solids	100		%							
Duplicate (EA40702-DUP1)		**Source: 4A02001-01**		Prepared & Analyzed: 01/07/04						
% Solids	96.0		%		96.0			0.00	20	

Raland Tuttle, Laboratory Director

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

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

CLIENT NAME:	SITE MANAGER:
Duncan	C. Crain
PROJECT NO.:	PROJECT NAME:
0-0100-20	Site #20
PAGE 1 OF 1	LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/5/04	1410		✓		SS 2	1	✓	0408269-01	4A06001
"	1420		✓		SS 3	1	✓	-02	
"	1425		✓		SS 4	1	✓	-03	
"	1415		✓		SS 5	1	✓	-04	
"	1450		✓		Spoil - 1	1	✓	-05	
"	1455		✓		Spoil - 2	1	✓	-06	

SAMPLED BY: (Signature) Cinda Crain
DATE: 1/5/04
TIME: 1500

RELINQUISHED BY: (Signature) Cinda Crain
DATE: 1/6/04
TIME: 0810

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 TX
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: TX ZIP: 79707
CONTACT: PHONE: 563-1800

RECEIVED BY: (Signature) Jeanne McNamara
DATE: 01-06-04 TIME: 0810

SAMPLE CONDITION WHEN RECEIVED: Iced
-3.5 °C 4oz glass

LA CONTACT PERSON:

SAMPLE TYPE: Soil

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

Client: Larson & Associates

Date/Time: 01-06-04 @ 0810

Order #: G04082269 /4A06001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	-3.5 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	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #20

Project Number: 0-0100-20

Lab Order Number: 4A15003

Report Date: 01/20/04

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/20/04 12:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6	4A15003-01	Soil	01/14/04 14:10	01/15/04 08:35

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/20/04 12:35

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (4A15003-01) Soil Sampled: 01/14/04 14:10 Received: 01/15/04 08:35									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA41601	01/16/04	01/16/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	

Raland Tuttle, Laboratory Director

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/20/04 12:35

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (4A15003-01) Soil Sampled: 01/14/04 14:10 Received: 01/15/04 08:35									
% Solids	**90.0**		%	1	EA41603	01/15/04	01/16/04	% calculation	

Raland K Tuttle

Raland Tuttle, Laboratory Director

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 EA41601 - 1005 TX										
Blank (EA41601-BLK1)				Prepared & Analyzed: 01/16/04						
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	*39.3*		*mg/kg*	*50.0*		*78.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.7*		*"*	*50.0*		*91.4*	*70-130*			
Blank (EA41601-BLK2)				Prepared: 01/16/04 Analyzed: 01/17/04						
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	*39.5*		*mg/kg*	*50.0*		*79.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.0*		*"*	*50.0*		*86.0*	*70-130*			
LCS (EA41601-BS1)				Prepared & Analyzed: 01/16/04						
Gasoline Range Organics C6-C12	418		mg/kg	500		83.6	75-125			
Diesel Range Organics >C12-C35	425		"	500		85.0	75-125			
Total Hydrocarbon C6-C35	843		"	1000		84.3	75-125			
Surrogate: 1-Chlorooctane	*48.9*		*"*	*50.0*		*97.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.7*		*"*	*50.0*		*95.4*	*70-130*			
LCS (EA41601-BS2)				Prepared: 01/16/04 Analyzed: 01/17/04						
Gasoline Range Organics C6-C12	416		mg/kg	500		83.2	75-125			
Diesel Range Organics >C12-C35	378		"	500		75.6	75-125			
Total Hydrocarbon C6-C35	794		"	1000		79.4	75-125			
Surrogate: 1-Chlorooctane	*50.1*		*"*	*50.0*		*100*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.1*		*"*	*50.0*		*98.2*	*70-130*			
LCS Dup (EA41601-BSD1)				Prepared: 01/16/04 Analyzed: 01/17/04						
Gasoline Range Organics C6-C12	416		mg/kg	500		83.2	75-125	0.480	20	
Diesel Range Organics >C12-C35	474		"	500		94.8	75-125	10.9	20	
Total Hydrocarbon C6-C35	889		"	1000		88.9	75-125	5.31	20	
Surrogate: 1-Chlorooctane	*50.4*		*"*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.1*		*"*	*50.0*		*96.2*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA41601 - 1005 TX										
Calibration Check (EA41601-CCV1)				Prepared & Analyzed: 01/16/04						
Gasoline Range Organics C6-C12	502		mg/kg	500		100	80-120			
Diesel Range Organics >C12-C35	454		"	500		90.8	80-120			
Total Hydrocarbon C6-C35	955		"	1000		95.5	80-120			
Surrogate: 1-Chlorooctane	*62.9*		*"*	*50.0*		*126*	*70-130*			
Surrogate: 1-Chlorooctadecane	*63.9*		*"*	*50.0*		*128*	*70-130*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA41603 - % Moisture										
Blank (EA41603-BLK1)				Prepared: 01/15/04 Analyzed: 01/16/04						
% Solids	100		%							
Duplicate (EA41603-DUP1)		**Source: 4A14011-01**		Prepared: 01/15/04 Analyzed: 01/16/04						
% Solids	92.0		%		91.0			1.09	20	

Notes and Definitions

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

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.: 0-0100-20

PROJECT NAME: Site #20

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/14/04	1410		✓		SS-6	1	✓	4A15003-01	

SAMPLED BY: (Signature) Cindy Crain
DATE: 1/14/04
TIME: 1410

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 1/15/04
TIME: 0835

RELINQUISHED BY: (Signature) Tom Anderson
DATE: 1/15/04
TIME: 0835

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:

SAMPLE TYPE: 0.5°C
Soil 4oz glass

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

Client: Larson + Associates

Date/Time: 1/15/04 0835

Order #: 4A15003

Initials: KA

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.5 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	
Container labels legible and intact?	Yes	No	
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:

_____

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_____

Variance Documentation:

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

Regarding:

_____

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Corrective Action Taken:

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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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4A21011

Report Date: 01/23/04

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/23/04 14:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-7	4A21011-01	Soil	01/21/04 12:23	01/21/04 16:40
SS-9	4A21011-02	Soil	01/21/04 12:28	01/21/04 16:40
Spoil-3	4A21011-03	Soil	01/21/04 12:45	01/21/04 16:40

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/23/04 14:25

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-7 (4A21011-01) Soil Sampled: 01/21/04 12:23 Received: 01/21/04 16:40									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA42208	01/22/04	01/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	**15.2**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**15.2**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	
SS-9 (4A21011-02) Soil Sampled: 01/21/04 12:28 Received: 01/21/04 16:40									
Gasoline Range Organics C6-C12	**155**	10.0	mg/kg dry	1	EA42208	01/22/04	01/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	**349**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**504**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
Spoil-3 (4A21011-03) Soil Sampled: 01/21/04 12:45 Received: 01/21/04 16:40									
Gasoline Range Organics C6-C12	**51.2**	10.0	mg/kg dry	1	EA42208	01/22/04	01/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	**273**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**324**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*117 %*	*70-130*		"	"	"	"	

Raland K Tuttle

Raland Tuttle, Laboratory Director

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/23/04 14:25

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-7 (4A21011-01) Soil Sampled: 01/21/04 12:23 Received: 01/21/04 16:40									
% Solids	**90.0**		%	1	EA42215	01/22/04	01/22/04	% calculation	
SS-9 (4A21011-02) Soil Sampled: 01/21/04 12:28 Received: 01/21/04 16:40									
% Solids	**89.0**		%	1	EA42215	01/22/04	01/22/04	% calculation	
Spoil-3 (4A21011-03) Soil Sampled: 01/21/04 12:45 Received: 01/21/04 16:40									
% Solids	**87.0**		%	1	EA42215	01/22/04	01/22/04	% calculation	

Raland Tuttle, Laboratory Director

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/23/04 14:25

Halogenated and Volatile Organics by EPA Method 8021B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-9 (4A21011-02) Soil Sampled: 01/21/04 12:28 Received: 01/21/04 16:40									
Benzene	ND	0.0250	mg/kg dry	25	EA42307	01/22/04	01/22/04	EPA 8021B	
Toluene	**0.0448**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0561**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.253**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0691**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*80-120*		"	"	"	"	
Spoil-3 (4A21011-03) Soil Sampled: 01/21/04 12:45 Received: 01/21/04 16:40									
Benzene	ND	0.0250	mg/kg dry	25	EA42307	01/22/04	01/22/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*88.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Raland K. Tuttle

Raland Tuttle, Laboratory Director

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 EA42208 - 1005 TX										
Blank (EA42208-BLK1)				Prepared & Analyzed: 01/22/04						
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	*36.4*		*mg/kg*	*50.0*		*72.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.0*		*"*	*50.0*		*72.0*	*70-130*			
LCS (EA42208-BS1)				Prepared & Analyzed: 01/22/04						
Gasoline Range Organics C6-C12	445		mg/kg	500		89.0	75-125			
Diesel Range Organics >C12-C35	433		"	500		86.6	75-125			
Total Hydrocarbon C6-C35	878		"	1000		87.8	75-125			
Surrogate: 1-Chlorooctane	*44.2*		*"*	*50.0*		*88.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.1*		*"*	*50.0*		*72.2*	*70-130*			
Calibration Check (EA42208-CCV1)				Prepared & Analyzed: 01/22/04						
Gasoline Range Organics C6-C12	513		mg/kg	500		103	80-120			
Diesel Range Organics >C12-C35	510		"	500		102	80-120			
Total Hydrocarbon C6-C35	1020		"	1000		102	80-120			
Surrogate: 1-Chlorooctane	*57.4*		*"*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.3*		*"*	*50.0*		*109*	*70-130*			
Matrix Spike (EA42208-MS1)	**Source: 4A22001-02**			Prepared & Analyzed: 01/22/04						
Gasoline Range Organics C6-C12	701		mg/kg	500	193	102	75-125			
Diesel Range Organics >C12-C35	504		"	500	17.4	97.3	75-125			
Total Hydrocarbon C6-C35	1200		"	1000	211	98.9	75-125			
Surrogate: 1-Chlorooctane	*59.5*		*"*	*50.0*		*119*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.5*		*"*	*50.0*		*109*	*70-130*			
Matrix Spike Dup (EA42208-MSD1)	**Source: 4A22001-02**			Prepared & Analyzed: 01/22/04						
Gasoline Range Organics C6-C12	706		mg/kg	500	193	103	75-125	0.711	20	
Diesel Range Organics >C12-C35	499		"	500	17.4	96.3	75-125	0.997	20	
Total Hydrocarbon C6-C35	1200		"	1000	211	98.9	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*57.9*		*"*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		*"*	*50.0*		*99.6*	*70-130*			

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/23/04 14:25

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 EA42215 - % Moisture										
Blank (EA42215-BLK1)				Prepared & Analyzed: 01/22/04						
% Solids	100		%							
Duplicate (EA42215-DUP1)		**Source: 4A21011-01**		Prepared & Analyzed: 01/22/04						
% Solids	90.0		%		90.0			0.00	20	

Raland K Tuttle

Raland Tuttle, Laboratory Director

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

Halogenated and Volatile Organics by EPA Method 8021B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA42307 - EPA 5030C (GC)										
Blank (EA42307-BLK1)				Prepared & Analyzed: 01/22/04						
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	*85.8*		*ug/kg*	*100*		*85.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*95.9*		*"*	*100*		*95.9*	*80-120*			
LCS (EA42307-BS1)				Prepared & Analyzed: 01/22/04						
Benzene	93.1		ug/kg	100		93.1	80-120			
Toluene	94.1		"	100		94.1	80-120			
Ethylbenzene	95.1		"	100		95.1	80-120			
Xylene (p/m)	193		"	200		96.5	80-120			
Xylene (o)	97.2		"	100		97.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*89.0*		*"*	*100*		*89.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*80-120*			
Calibration Check (EA42307-CCV1)				Prepared & Analyzed: 01/22/04						
Benzene	91.6		ug/kg	100		91.6	80-120			
Toluene	93.3		"	100		93.3	80-120			
Ethylbenzene	91.7		"	100		91.7	80-120			
Xylene (p/m)	186		"	200		93.0	80-120			
Xylene (o)	93.8		"	100		93.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*90.4*		*"*	*100*		*90.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*96.9*		*"*	*100*		*96.9*	*80-120*			
Matrix Spike (EA42307-MS1)	**Source: 4A21009-02**			Prepared: 01/22/04		Analyzed: 01/23/04				
Benzene	92.6		ug/kg	100	ND	92.6	80-120			
Toluene	94.4		"	100	ND	94.4	80-120			
Ethylbenzene	94.0		"	100	ND	94.0	80-120			
Xylene (p/m)	191		"	200	ND	95.5	80-120			
Xylene (o)	93.6		"	100	ND	93.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*94.7*		*"*	*100*		*94.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*97.5*		*"*	*100*		*97.5*	*80-120*			

Halogenated and Volatile Organics by EPA Method 8021B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA42307 - EPA 5030C (GC)										
Matrix Spike Dup (EA42307-MSD1)	**Source: 4A21009-02**			Prepared: 01/22/04		Analyzed: 01/23/04				
Benzene	91.7		ug/kg	100	ND	91.7	80-120	0.977	20	
Toluene	92.8		"	100	ND	92.8	80-120	1.71	20	
Ethylbenzene	93.6		"	100	ND	93.6	80-120	0.426	20	
Xylene (p/m)	190		"	200	ND	95.0	80-120	0.525	20	
Xylene (o)	96.0		"	100	ND	96.0	80-120	2.53	20	
Surrogate: a,a,a-Trifluorotoluene	*89.9*		"	*100*		*89.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*80-120*			

Notes and Definitions

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

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

Client: Larson + Associates

Date/Time: 01-21-04 @ 1640

Order #: 4A21011

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	3.0 C
Shipping container/cooler in good condition?	Yes	No	N/A
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	
Container labels legible and intact?	(Yes)	No	
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:

_____

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Variance Documentation:

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

Regarding:

_____

_____

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Corrective Action Taken:

_____

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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.: 0-0100-20
PROJECT NAME: Site #20
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)
1/21/04	1223		✓		SS-7	1	✓		4A21011-01	ICE
~~1/21/04~~	~~1225~~	~~✓~~	~~✓~~	~~✓~~	~~SS-8~~	~~1~~	~~✓~~	~~✓~~		
"	1228		✓		SS-9	1	✓	✓	-02	
~~1/21/04~~	~~1230~~	~~✓~~	~~✓~~	~~✓~~	~~SS-10~~	~~1~~	~~✓~~	~~✓~~		
"	1245		✓		Spoil-3	1	✓	✓	-03	

SAMPLED BY: (Signature) Cindy Crain
DATE: 1/21/04
TIME: 1250

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 1/21/04
TIME: 1640

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

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

RECEIVED BY: (Signature) Jeanne McMurry
DATE: 01-21-04 TIME: 1640

SAMPLE CONDITION WHEN RECEIVED: 3.0°C 4oz glass

LA CONTACT PERSON:

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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4A29005

Report Date: 01/30/04

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/30/04 15:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Spoil 4	4A29005-01	Soil	01/29/04 09:20	01/29/04 16:00

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
Spoil 4 (4A29005-01) Soil Sampled: 01/29/04 09:20 Received: 01/29/04 16:00									
Benzene	ND	0.0250	mg/kg dry	25	EA43005	01/29/04	01/29/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.1 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**13.6**	10.0	mg/kg dry	1	EA42810	01/29/04	01/30/04	EPA 8015M	
Diesel Range Organics >C12-C35	**249**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**263**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*122 %*	*70-130*		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Quality Assurance Review

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	01/30/04 15:58

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 4 (4A29005-01) Soil	**Sampled: 01/29/04 09:20**	**Received: 01/29/04 16:00**							
% Solids	**94.0**		%	1	EA43004	01/30/04	01/30/04	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA42810 - 1005 TX										
Blank (EA42810-BLK1)				Prepared & Analyzed: 01/29/04						
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	*35.6*		*mg/kg*	*50.0*		*71.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.9*		"	*50.0*		*71.8*	*70-130*			
LCS (EA42810-BS1)				Prepared & Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	395	10.0	mg/kg wet	500		79.0	75-125			
Diesel Range Organics >C12-C35	427	10.0	"	500		85.4	75-125			
Total Hydrocarbon C6-C35	822	10.0	"	1000		82.2	75-125			
Surrogate: 1-Chlorooctane	*36.2*		*mg/kg*	*50.0*		*72.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.4*		"	*50.0*		*74.8*	*70-130*			
Calibration Check (EA42810-CCV1)				Prepared & Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	509		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	509		"	500		102	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	*62.1*		*"*	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*64.4*		"	*50.0*		*129*	*70-130*			
Matrix Spike (EA42810-MS1)	**Source: 4A28015-01**			Prepared & Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	551	10.0	mg/kg dry	526	ND	105	75-125			
Diesel Range Organics >C12-C35	556	10.0	"	526	49.8	96.2	75-125			
Total Hydrocarbon C6-C35	1110	10.0	"	1050	49.8	101	75-125			
Surrogate: 1-Chlorooctane	*57.1*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.0*		"	*50.0*		*106*	*70-130*			
Matrix Spike Dup (EA42810-MSD1)	**Source: 4A28015-01**			Prepared & Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	567	10.0	mg/kg dry	526	ND	108	75-125	2.86	20	
Diesel Range Organics >C12-C35	546	10.0	"	526	49.8	94.3	75-125	1.81	20	
Total Hydrocarbon C6-C35	1110	10.0	"	1050	49.8	101	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*56.5*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.1*		"	*50.0*		*108*	*70-130*			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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 EA43005 - EPA 5030C (GC)										
Blank (EA43005-BLK1)				Prepared & Analyzed: 01/29/04						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*92.0*		*ug/kg*	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.1*		*"*	*100*		*87.1*	*80-120*			
LCS (EA43005-BS1)				Prepared & Analyzed: 01/29/04						
Benzene	86.5		ug/kg	100		86.5	80-120			
Toluene	88.9		"	100		88.9	80-120			
Ethylbenzene	89.0		"	100		89.0	80-120			
Xylene (p/m)	181		"	200		90.5	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.7*		*"*	*100*		*88.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.1*		*"*	*100*		*91.1*	*80-120*			
Calibration Check (EA43005-CCV1)				Prepared: 01/29/04 Analyzed: 01/30/04						
Benzene	80.1		ug/kg	100		80.1	80-120			
Toluene	82.3		"	100		82.3	80-120			
Ethylbenzene	82.0		"	100		82.0	80-120			
Xylene (p/m)	166		"	200		83.0	80-120			
Xylene (o)	83.5		"	100		83.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*85.2*		*"*	*100*		*85.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.1*		*"*	*100*		*88.1*	*80-120*			
Matrix Spike (EA43005-MS1)	**Source: 4A28003-01**			Prepared: 01/29/04 Analyzed: 01/30/04						
Benzene	84.3		ug/kg	100	ND	84.3	80-120			
Toluene	87.4		"	100	ND	87.4	80-120			
Ethylbenzene	88.7		"	100	ND	88.7	80-120			
Xylene (p/m)	177		"	200	ND	88.5	80-120			
Xylene (o)	87.3		"	100	ND	87.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*86.0*		*"*	*100*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*89.5*		*"*	*100*		*89.5*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA43005 - EPA 5030C (GC)										
Matrix Spike Dup (EA43005-MSD1)	**Source: 4A28003-01**			Prepared: 01/29/04 Analyzed: 01/30/04						
Benzene	80.0		ug/kg	100	ND	80.0	80-120	5.23	20	
Toluene	82.2		"	100	ND	82.2	80-120	6.13	20	
Ethylbenzene	82.6		"	100	ND	82.6	80-120	7.12	20	
Xylene (p/m)	167		"	200	ND	83.5	80-120	5.81	20	
Xylene (o)	83.0		"	100	ND	83.0	80-120	5.05	20	
Surrogate: a,a,a-Trifluorotoluene	*82.3*		"	*100*		*82.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*86.0*		"	*100*		*86.0*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA43004 - % Moisture										
Blank (EA43004-BLK1)				Prepared & Analyzed: 01/30/04						
% Solids	100		%							
Duplicate (EA43004-DUP1)		**Source: 4A28015-01**		Prepared & Analyzed: 01/30/04						
% Solids	95.0		%		95.0			0.00	20	

Notes and Definitions

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

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

Client: Larson + Assoc.

Date/Time: 01-29-04 @ 1600

Order #: 4A29005

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0 C
Shipping container/cooler in good condition?	~~Yes~~	No	N/A
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	
Container labels legible and intact?	(Yes)	No	
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.: 0-0100-20

PROJECT NAME: Site #20

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)
1/29/04	0920		✓		Soil 4	1	✓	✓	4A29005-01	

SAMPLED BY: (Signature) Cindy Crain
DATE: 1/29/04
TIME: 0920

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 1/29/04
TIME: 1600

RECEIVED BY: (Signature)
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

RECEIVING LABORATORY: Environmental Lab of TX
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE (432) 563-1800

RECEIVED BY: (Signature)
DATE: 1/29/04 TIME: 1600

SAMPLE CONDITION WHEN RECEIVED:
4.0°C

LA CONTACT PERSON:
C. Crain

SAMPLE TYPE:
Soil

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Site #20

Project Number: 0-0100-20

Location: Eunice, NM

Lab Order Number: 4B04012

Report Date: 02/05/04

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	02/05/04 10:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Spoil 5	4B04012-01	Soil	02/04/04 09:10	02/04/04 14:10

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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	02/05/04 10:59

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 5 (4B04012-01) Soil Sampled: 02/04/04 09:10 Received: 02/04/04 14:10									
Gasoline Range Organics C6-C12	**12.9**	10.0	mg/kg dry	1	EB40405	02/04/04	02/04/04	EPA 8015M	
Diesel Range Organics >C12-C35	**118**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**131**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*118 %*	*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

Larson & Associates, Inc.	Project: Dynegy Site #20	(432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Larson & Associates, Inc.	Project Manager: Cindy Crain	02/05/04 10:59

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 5 (4B04012-01) Soil	**Sampled: 02/04/04 09:10**	**Received: 02/04/04 14:10**							
% Solids	**95.0**		%	1	EB40415	02/04/04	02/04/04	% calculation	

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 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB40405 - 1005 TX										
Blank (EB40405-BLK1)				Prepared & Analyzed: 02/04/04						
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	*35.0*		*mg/kg*	*50.0*		*70.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.5*		*"*	*50.0*		*71.0*	*70-130*			
LCS (EB40405-BS1)				Prepared & Analyzed: 02/04/04						
Gasoline Range Organics C6-C12	436	10.0	mg/kg wet	500		87.2	75-125			
Diesel Range Organics >C12-C35	462	10.0	"	500		92.4	75-125			
Total Hydrocarbon C6-C35	898	10.0	"	1000		89.8	75-125			
Surrogate: 1-Chlorooctane	*44.8*		*mg/kg*	*50.0*		*89.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.1*		*"*	*50.0*		*78.2*	*70-130*			
Calibration Check (EB40405-CCV1)				Prepared & Analyzed: 02/04/04						
Gasoline Range Organics C6-C12	520		mg/kg	500		104	80-120			
Diesel Range Organics >C12-C35	509		"	500		102	80-120			
Total Hydrocarbon C6-C35	1030		"	1000		103	80-120			
Surrogate: 1-Chlorooctane	*57.8*		*"*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.3*		*"*	*50.0*		*107*	*70-130*			
Matrix Spike (EB40405-MS1)	**Source: 4B04003-01**			Prepared & Analyzed: 02/04/04						
Gasoline Range Organics C6-C12	579	10.0	mg/kg dry	568	ND	102	75-125			
Diesel Range Organics >C12-C35	539	10.0	"	568	ND	94.9	75-125			
Total Hydrocarbon C6-C35	1120	10.0	"	1140	ND	98.2	75-125			
Surrogate: 1-Chlorooctane	*57.3*		*mg/kg*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.0*		*"*	*50.0*		*98.0*	*70-130*			
Matrix Spike Dup (EB40405-MSD1)	**Source: 4B04003-01**			Prepared & Analyzed: 02/04/04						
Gasoline Range Organics C6-C12	590	10.0	mg/kg dry	568	ND	104	75-125	1.88	20	
Diesel Range Organics >C12-C35	571	10.0	"	568	ND	101	75-125	5.77	20	
Total Hydrocarbon C6-C35	1160	10.0	"	1140	ND	102	75-125	3.51	20	
Surrogate: 1-Chlorooctane	*58.0*		*mg/kg*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*55.0*		*"*	*50.0*		*110*	*70-130*			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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 EB40415 - % Moisture										
Blank (EB40415-BLK1)				Prepared & Analyzed: 02/04/04						
% Solids	100		%							
Duplicate (EB40415-DUP1)		**Source: 4B04003-01**		Prepared & Analyzed: 02/04/04						
% Solids	87.0		%		88.0			1.14	20	

Notes and Definitions

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

Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Cindy Crain
Company Name: Larson + Associates
Company Address: 507 N. Marienfeld, Ste. 202
City/State/Zip: Midland, TX 79701
Telephone No: (432) 687-0901 Fax No: (432) 687-0456
Sampler Signature: Cindy Crain

Project Name: Dynegy Site #20
Project #: 0-0100-20
Project Loc: Eunice, NM
PO #:

4B04012

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4.0°C	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 / 8015M 1005 1006	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
01	Spoil 5	2/4/04	0910	1	✓					✓				✓		✓											

Special Instructions:

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

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	2/4/04	1410			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurrey	02-04-04	1410

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

Client: Larson & Associates

Date/Time: 02-04-04 @ 1430

Order #: 4B04012

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0 C
Shipping container/cooler in good condition?	Yes	No	N/A
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 LABEL
Container labels legible and intact?	Yes	No	NO LABEL
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:

_____

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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 #20

Project Number: 0-0100-20

Location: Eunice, NM

Lab Order Number: 4B18001

Report Date: 02/20/04

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/20/04 15:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-8	4B18001-01	Soil	02/17/04 09:30	02/17/04 16:30
SS-10	4B18001-02	Soil	02/17/04 09:32	02/17/04 16:30
SS-11	4B18001-03	Soil	02/17/04 09:36	02/17/04 16:30
SS-12	4B18001-04	Soil	02/17/04 09:38	02/17/04 16:30
SS-13	4B18001-05	Soil	02/17/04 09:42	02/17/04 16:30
Spoil 6	4B18001-06	Soil	02/17/04 09:45	02/17/04 16:30

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

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-8 (4B18001-01)									
Benzene	**ND**	0.0250	mg/kg dry	25	EB41909	02/19/04	02/19/04	EPA 8021B	
Toluene	**ND**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**ND**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**ND**	0.0250	"	"	"	"	"	"	
Xylene (o)	**ND**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*88.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	J [7.87]	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	**ND**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75.6 %*	*70-130*		"	"	"	"	
SS-10 (4B18001-02)									
Gasoline Range Organics C6-C12	**ND**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	**52.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**52.6**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75.2 %*	*70-130*		"	"	"	"	
SS-11 (4B18001-03)									
Gasoline Range Organics C6-C12	**ND**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	**ND**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**ND**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*74.6 %*	*70-130*		"	"	"	"	
SS-12 (4B18001-04)									
Gasoline Range Organics C6-C12	**ND**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	**10.4**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**ND**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.2 %*	*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
SS-13 (4B18001-05)									
Benzene	**ND**	0.0250	mg/kg dry	25	EB41909	02/19/04	02/19/04	EPA 8021B	
Toluene	**0.0279**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0742**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.464**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.192**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*88.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**630**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	**1470**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2100**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.2 %*	*70-130*		"	"	"	"	
Spoil 6 (4B18001-06)									
Gasoline Range Organics C6-C12	**11.5**	10.0	mg/kg dry	1	EB41802	02/18/04	02/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	**249**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**260**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.8 %*	*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

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/20/04 19:06

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-8 (4B18001-01)									
% Solids	**87.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	
SS-10 (4B18001-02)									
% Solids	**90.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	
SS-11 (4B18001-03)									
% Solids	**73.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	
SS-12 (4B18001-04)									
% Solids	**89.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	
SS-13 (4B18001-05)									
% Solids	**92.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	
Spoil 6 (4B18001-06)									
% Solids	**92.0**	1.0	%	1	EB41901	02/19/04	02/19/04	% calculation	

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 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB41802 - 8015M										
Blank (EB41802-BLK1)				Prepared: 02/18/04 Analyzed: 02/19/04						
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	*35.9*		*mg/kg*	*50.0*		*71.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		*"*	*50.0*		*71.2*	*70-130*			
Blank (EB41802-BLK2)				Prepared: 02/18/04 Analyzed: 02/19/04						
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	*38.4*		*mg/kg*	*50.0*		*76.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.4*		*"*	*50.0*		*72.8*	*70-130*			
LCS (EB41802-BS1)				Prepared & Analyzed: 02/18/04						
Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125			
Diesel Range Organics >C12-C35	415	10.0	"	500		83.0	75-125			
Total Hydrocarbon C6-C35	826	10.0	"	1000		82.6	75-125			
Surrogate: 1-Chlorooctane	*39.4*		*mg/kg*	*50.0*		*78.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.1*		*"*	*50.0*		*70.2*	*70-130*			
LCS (EB41802-BS2)				Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	414	10.0	mg/kg wet	500		82.8	75-125			
Diesel Range Organics >C12-C35	419	10.0	"	500		83.8	75-125			
Total Hydrocarbon C6-C35	833	10.0	"	1000		83.3	75-125			
Surrogate: 1-Chlorooctane	*43.3*		*mg/kg*	*50.0*		*86.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.7*		*"*	*50.0*		*71.4*	*70-130*			
Calibration Check (EB41802-CCV1)				Prepared & Analyzed: 02/18/04						
Gasoline Range Organics C6-C12	495		mg/kg	500		99.0	80-120			
Diesel Range Organics >C12-C35	459		"	500		91.8	80-120			
Total Hydrocarbon C6-C35	954		"	1000		95.4	80-120			
Surrogate: 1-Chlorooctane	*53.9*		*"*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.0*		*"*	*50.0*		*72.0*	*70-130*			

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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 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB41802 - 8015M										
Calibration Check (EB41802-CCV2)				Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	504		mg/kg	500		101	80-120			
Diesel Range Organics >C12-C35	537		"	500		107	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*57.6*		*"*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.0*		*"*	*50.0*		*98.0*	*70-130*			
Matrix Spike (EB41802-MS1)		**Source: 4B18001-02**		Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	567	10.0	mg/kg dry	556	ND	102	75-125			
Diesel Range Organics >C12-C35	601	10.0	"	556	52.6	98.6	75-125			
Total Hydrocarbon C6-C35	1170	10.0	"	1110	52.6	101	75-125			
Surrogate: 1-Chlorooctane	*54.2*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.3*		*"*	*50.0*		*80.6*	*70-130*			
Matrix Spike (EB41802-MS2)		**Source: 4B18007-01**		Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	556	10.0	mg/kg dry	510	ND	109	75-125			
Diesel Range Organics >C12-C35	824	10.0	"	510	273	108	75-125			
Total Hydrocarbon C6-C35	1380	10.0	"	1020	273	109	75-125			
Surrogate: 1-Chlorooctane	*57.1*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.4*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike Dup (EB41802-MSD1)		**Source: 4B18001-02**		Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	553	10.0	mg/kg dry	556	ND	99.5	75-125	2.50	20	
Diesel Range Organics >C12-C35	620	10.0	"	556	52.6	102	75-125	3.11	20	
Total Hydrocarbon C6-C35	1170	10.0	"	1110	52.6	101	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*53.3*		*mg/kg*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.2*		*"*	*50.0*		*80.4*	*70-130*			
Matrix Spike Dup (EB41802-MSD2)		**Source: 4B18007-01**		Prepared: 02/18/04 Analyzed: 02/19/04						
Gasoline Range Organics C6-C12	553	10.0	mg/kg dry	510	ND	108	75-125	0.541	20	
Diesel Range Organics >C12-C35	825	10.0	"	510	273	108	75-125	0.121	20	
Total Hydrocarbon C6-C35	1380	10.0	"	1020	273	109	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*56.3*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		*"*	*50.0*		*99.6*	*70-130*			

Roland d/c Ford
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 EB41909 - EPA 5030C (GC)										
Blank (EB41909-BLK1)				Prepared & Analyzed: 02/19/04						
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	*85.9*		*ug/kg*	*100*		*85.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.9*		*"*	*100*		*98.9*	*80-120*			
LCS (EB41909-BS1)				Prepared & Analyzed: 02/19/04						
Benzene	104		ug/kg	100		104	80-120			
Toluene	97.2		"	100		97.2	80-120			
Ethylbenzene	96.0		"	100		96.0	80-120			
Xylene (p/m)	189		"	200		94.5	80-120			
Xylene (o)	96.8		"	100		96.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*95.3*		*"*	*100*		*95.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*110*		*"*	*100*		*110*	*80-120*			
Calibration Check (EB41909-CCV1)				Prepared & Analyzed: 02/19/04						
Benzene	95.3		ug/kg	100		95.3	80-120			
Toluene	88.8		"	100		88.8	80-120			
Ethylbenzene	87.5		"	100		87.5	80-120			
Xylene (p/m)	171		"	200		85.5	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*93.0*		*"*	*100*		*93.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*101*		*"*	*100*		*101*	*80-120*			
Matrix Spike (EB41909-MS1)	**Source: 4B18013-01**			Prepared & Analyzed: 02/19/04						
Benzene	2380		ug/kg	2500	33.2	93.9	80-120			
Toluene	2310		"	2500	100	88.4	80-120			
Ethylbenzene	2290		"	2500	96.6	87.7	80-120			
Xylene (p/m)	4360		"	5000	207	83.1	80-120			
Xylene (o)	2490		"	2500	239	90.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*96.1*		*"*	*100*		*96.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*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

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 EB41909 - EPA 5030C (GC)										
Matrix Spike Dup (EB41909-MSD1)	**Source: 4B18013-01**		Prepared & Analyzed: 02/19/04							
Benzene	2450		ug/kg	2500	33.2	96.7	80-120	2.94	20	
Toluene	2430		"	2500	100	93.2	80-120	5.29	20	
Ethylbenzene	2440		"	2500	96.6	93.7	80-120	6.62	20	
Xylene (p/m)	4620		"	5000	207	88.3	80-120	6.07	20	
Xylene (o)	2620		"	2500	239	95.2	80-120	5.62	20	
Surrogate: a,a,a-Trifluorotoluene	*101*		"	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*107*		"	*100*		*107*	*80-120*			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB41901 - % Solids										
Blank (EB41901-BLK1)				Prepared & Analyzed: 02/19/04						
% Solids	100		%							
Duplicate (EB41901-DUP1)		**Source: 4B18001-01**		Prepared & Analyzed: 02/19/04						
% Solids	88.0		%		87.0			1.14	20	

Raland K. Tuttle

Quality Assurance Review

Notes and Definitions

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

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Quality Assurance Review

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

Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Cindy Crain
Company Name: Larson & Associates, Inc.
Company Address: 507 N. Marienfeld, Ste. 202
City/State/Zip: Midland, TX 79702
Telephone No: (432) 687-0701 Fax No: (432) 687-0456
Sampler Signature: Cindy Crain

Project Name: Duncan Site #20
Project #: 0-0100-20
Project Loc: Eunice, NM
PO #:

4B18001

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 / 8015M	1005	1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
-01	SS 8	2/17/04	0930	1	✓									✓		✓									✓				
-02	SS 10	"	0932	1	✓									✓		✓													
-03	SS 11	"	0936	1	✓									✓		✓													
-04	SS 12	"	0938	1	✓									✓		✓													
-05	SS 13	"	0942	1	✓									✓		✓									✓				
-06	Spoil 6	"	0945	1	✓									✓		✓													

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
Ice 3°C

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	2/17/04	1630			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Carol A Tucker	2-17-04	1630

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

Client: Larson + Associates

Date/Time: 02-18-04 @ 0800

Order #: 4B18001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	3 C
Shipping container/cooler in good condition?	Yes	No	N/A
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:

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Variance Documentation:

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

Regarding:

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Corrective Action Taken:

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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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4B23005

Report Date: 02/25/04

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/25/04 10:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Spoil 7	4B23005-01	Soil	02/23/04 12:56	02/23/04 16:15

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

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/25/04 15:45

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 7 (4B23005-01)									
Gasoline Range Organics C6-C12	J [5.83]	10.0	mg/kg dry	1	EB42406	02/24/04	02/24/04	EPA 8015M	J
Diesel Range Organics >C12-C35	**177**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**177**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.0 %*	*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

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	02/25/04 10:28

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 7 (4B23005-01)									
% Solids	**93.0**	1.0	%	1	EB42504	02/25/04	02/25/04	% calculation	

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 EB42406 - Solvent Extraction (GC)										
Blank (EB42406-BLK1)				Prepared & Analyzed: 02/24/04						
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	*38.2*		*mg/kg*	*50.0*		*76.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.3*		*"*	*50.0*		*74.6*	*70-130*			
LCS (EB42406-BS1)				Prepared & Analyzed: 02/24/04						
Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125			
Diesel Range Organics >C12-C35	438	10.0	"	500		87.6	75-125			
Total Hydrocarbon C6-C35	849	10.0	"	1000		84.9	75-125			
Surrogate: 1-Chlorooctane	*42.5*		*mg/kg*	*50.0*		*85.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.9*		*"*	*50.0*		*71.8*	*70-130*			
LCS Dup (EB42406-BSD1)				Prepared & Analyzed: 02/24/04						
Gasoline Range Organics C6-C12	424	10.0	mg/kg wet	500		84.8	75-125	3.11	20	
Diesel Range Organics >C12-C35	411	10.0	"	500		82.2	75-125	6.36	20	
Total Hydrocarbon C6-C35	835	10.0	"	1000		83.5	75-125	1.66	20	
Surrogate: 1-Chlorooctane	*43.2*		*mg/kg*	*50.0*		*86.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		*"*	*50.0*		*72.4*	*70-130*			
Calibration Check (EB42406-CCV1)				Prepared & Analyzed: 02/24/04						
Gasoline Range Organics C6-C12	504		mg/kg	500		101	80-120			
Diesel Range Organics >C12-C35	498		"	500		99.6	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	*58.8*		*"*	*50.0*		*118*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.2*		*"*	*50.0*		*100*	*70-130*			

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 EB42504 - % Solids										
Blank (EB42504-BLK1)				Prepared & Analyzed: 02/25/04						
% Solids	100	1.0	%							
Duplicate (EB42504-DUP1)		**Source: 4B24003-06**		Prepared & Analyzed: 02/25/04						
% Solids	97.0	1.0	%		97.0			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

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

Quality Assurance Review

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

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.: 0-0100-20

PROJECT NAME: Site #20

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
2/23/04	1256		✓		Spoil 7	1	✓	4B2300501	

SAMPLED BY: (Signature) Cindy Crain
DATE: 2/23/04
TIME: 1300

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 2/23/04
TIME: 1615

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-Lebuf Tx
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: Tx ZIP: 79765
CONTACT: PHONE: 363-1800

RECEIVED BY: (Signature) Jane McCreary
DATE: 02-23-04 TIME: 1615

SAMPLE CONDITION WHEN RECEIVED: 3.5°C 4 oz glass ICE

LA CONTACT PERSON:

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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4C18001

Report Date: 03/23/04

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/23/04 10:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Spoil 8	4C18001-01	Soil	03/17/04 15:30	03/18/04 09:10

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

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/23/04 10:12

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 8 (4C18001-01)									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC41826	03/18/04	03/20/04	EPA 8015M	
Diesel Range Organics >C12-C35	**17.7**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**17.7**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*83.4 %*	*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

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	03/23/04 10:12

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Spoil 8 (4C18001-01)									
% Solids	**89.0**		%	1	EC41901	03/19/04	03/19/04	% calculation	

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 EC41826 - Solvent Extraction (GC)										
Blank (EC41826-BLK1)				Prepared: 03/18/04 Analyzed: 03/19/04						
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	*38.6*		*mg/kg*	*50.0*		*77.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.3*		*"*	*50.0*		*70.6*	*70-130*			
LCS (EC41826-BS1)				Prepared: 03/18/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	474		mg/kg	500		94.8	75-125			
Diesel Range Organics >C12-C35	537		"	500		107	75-125			
Total Hydrocarbon C6-C35	1010		"	1000		101	75-125			
Surrogate: 1-Chlorooctane	*54.1*		*"*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.9*		*"*	*50.0*		*87.8*	*70-130*			
LCS Dup (EC41826-BSD1)				Prepared: 03/18/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	485		mg/kg	500		97.0	75-125	2.29	20	
Diesel Range Organics >C12-C35	556		"	500		111	75-125	3.48	20	
Total Hydrocarbon C6-C35	1040		"	1000		104	75-125	2.93	20	
Surrogate: 1-Chlorooctane	*56.5*		*"*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		*"*	*50.0*		*92.0*	*70-130*			
Calibration Check (EC41826-CCV1)				Prepared: 03/18/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	466		mg/kg	500		93.2	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*51.5*		*"*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		*"*	*50.0*		*89.6*	*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

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 EC41901 - % Solids										
Blank (EC41901-BLK1)				Prepared & Analyzed: 03/19/04						
% Solids	100		%							
Duplicate (EC41901-DUP1)		**Source: 4C18003-01**		Prepared & Analyzed: 03/19/04						
% Solids	89.0		%		88.0			1.13	20	

Quality Assurance Review

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

Notes and Definitions

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

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.: 0-0100-20
PROJECT NAME: Site #20
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH 8015M	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
3/17/04	1530		✓		Soil 8	1	✓	4C18001-01	

SAMPLED BY: (Signature) Cindy Crain
DATE: 3/17/04
TIME: 1530

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 3/18/04
TIME: 0910

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature) Jeanne McMurrey
DATE:
TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

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

RECEIVED BY: (Signature) Jeanne McMurrey
DATE: 3-18-4 TIME: 0910

SAMPLE CONDITION WHEN RECEIVED: 12.5°C 4oz glass on ice

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

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

Client: Larson + Associates

Date/Time: 03-18-04 @ 0915

Order #: 4C18001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	12.5 C
Shipping container/cooler in good condition?	Yes	No	N/A
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 LABEL
Container labels legible and intact?	Yes	No	NO LABEL
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	Yes	No	should be 4°C ± 2°C
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:

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Variance Documentation:

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

Regarding:

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Corrective Action Taken:

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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 #20
Project Number: 0-0100-20
Location: Hugh 24"

Lab Order Number: 4F25004

Report Date: 06/29/04

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

Project: Dynegy Site #20
Project Number: 0-0100-20
Project Manager: Cindy Crain

Fax: (432) 687-0456
Reported:
06/29/04 14:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
South End - Bottom	4F25004-01	Soil	06/24/04 16:20	06/25/04 09:45
South End - West	4F25004-02	Soil	06/24/04 16:30	06/25/04 09:45
South End - South	4F25004-03	Soil	06/24/04 16:35	06/25/04 09:45
South End - East	4F25004-04	Soil	06/24/04 16:45	06/25/04 09:45

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South End - Bottom (4F25004-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF42907	06/25/04	06/27/04	EPA 8021B	
Toluene	**0.0399**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0524**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.181**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0769**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**10.8**	10.0	mg/kg dry	1	EF42802	06/27/04	06/27/04	EPA 8015M	
Diesel Range Organics >C12-C35	**21.3**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**32.1**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.4 %*	*70-130*		"	"	"	"	
South End - West (4F25004-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF42907	06/25/04	06/27/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EF42802	06/27/04	06/27/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.4 %*	*70-130*		"	"	"	"	
South End - South (4F25004-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF42907	06/25/04	06/27/04	EPA 8021B	
Toluene	**J [0.0202]**	0.0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0528**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.221**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.115**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**158**	10.0	mg/kg dry	1	EF42802	06/27/04	06/27/04	EPA 8015M	
Diesel Range Organics >C12-C35	**830**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**988**	10.0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South End - South (4F25004-03) Soil									
Surrogate: 1-Chlorooctane		*94.4 %*	*70-130*		*EF42802*	*06/27/04*	*06/27/04*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*99.0 %*	*70-130*		"	"	"	"	
South End - East (4F25004-04) Soil									
Gasoline Range Organics C6-C12	**454**	10.0	mg/kg dry	1	EF42802	06/27/04	06/27/04	EPA 8015M	
Diesel Range Organics >C12-C35	**647**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1100**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*117 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*107 %*	*70-130*		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South End - Bottom (4F25004-01) Soil									
Chloride	**98.2**	20.0	mg/kg Wet	2	EF42503	06/25/04	06/26/04	SW 846 9253	
% Solids	**84.0**		%	1	EF42601	06/25/04	06/26/04	% calculation	
South End - West (4F25004-02) Soil									
Chloride	**99.3**	20.0	mg/kg Wet	2	EF42503	06/25/04	06/26/04	SW 846 9253	
% Solids	**95.0**		%	1	EF42601	06/25/04	06/26/04	% calculation	
South End - South (4F25004-03) Soil									
Chloride	**2200**	20.0	mg/kg Wet	2	EF42503	06/25/04	06/26/04	SW 846 9253	
% Solids	**90.0**		%	1	EF42601	06/25/04	06/26/04	% calculation	
South End - East (4F25004-04) Soil									
Chloride	**99.3**	20.0	mg/kg Wet	2	EF42503	06/25/04	06/26/04	SW 846 9253	
% Solids	**89.0**		%	1	EF42601	06/25/04	06/26/04	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF42802 - Solvent Extraction (GC)										
Blank (EF42802-BLK1)				Prepared & Analyzed: 06/27/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*35.9*		*mg/kg*	*50.0*		*71.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.3*		*"*	*50.0*		*74.6*	*70-130*			
LCS (EF42802-BS1)				Prepared & Analyzed: 06/27/04						
Gasoline Range Organics C6-C12	412	10.0	mg/kg wet	500		82.4	75-125			
Diesel Range Organics >C12-C35	439	10.0	"	500		87.8	75-125			
Total Hydrocarbon C6-C35	851	10.0	"	1000		85.1	75-125			
Surrogate: 1-Chlorooctane	*46.7*		*mg/kg*	*50.0*		*93.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.2*		*"*	*50.0*		*78.4*	*70-130*			
Calibration Check (EF42802-CCV1)				Prepared & Analyzed: 06/27/04						
Gasoline Range Organics C6-C12	422		mg/kg	500		84.4	80-120			
Diesel Range Organics >C12-C35	489		"	500		97.8	80-120			
Total Hydrocarbon C6-C35	911		"	1000		91.1	80-120			
Surrogate: 1-Chlorooctane	*52.1*		*"*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.1*		*"*	*50.0*		*74.2*	*70-130*			
Matrix Spike (EF42802-MS1)	**Source: 4F25004-01**			Prepared & Analyzed: 06/27/04						
Gasoline Range Organics C6-C12	548	10.0	mg/kg dry	595	10.8	90.3	75-125			
Diesel Range Organics >C12-C35	650	10.0	"	595	21.3	106	75-125			
Total Hydrocarbon C6-C35	1200	10.0	"	1190	32.1	98.1	75-125			
Surrogate: 1-Chlorooctane	*50.4*		*mg/kg*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
Matrix Spike Dup (EF42802-MSD1)	**Source: 4F25004-01**			Prepared & Analyzed: 06/27/04						
Gasoline Range Organics C6-C12	533	10.0	mg/kg dry	595	10.8	87.8	75-125	2.78	20	
Diesel Range Organics >C12-C35	690	10.0	"	595	21.3	112	75-125	5.97	20	
Total Hydrocarbon C6-C35	1220	10.0	"	1190	32.1	99.8	75-125	1.65	20	
Surrogate: 1-Chlorooctane	*49.7*		*mg/kg*	*50.0*		*99.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.4*		*"*	*50.0*		*82.8*	*70-130*			

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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 EF42907 - EPA 5030C (GC)										
Blank (EF42907-BLK1)				Prepared & Analyzed: 06/25/04						
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	*85.6*		*ug/kg*	*100*		*85.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*90.2*		*"*	*100*		*90.2*	*80-120*			
LCS (EF42907-BS1)				Prepared: 06/25/04 Analyzed: 06/28/04						
Benzene	99.8		ug/kg	100		99.8	80-120			
Toluene	103		"	100		103	80-120			
Ethylbenzene	103		"	100		103	80-120			
Xylene (p/m)	207		"	200		104	80-120			
Xylene (o)	105		"	100		105	80-120			
Surrogate: a,a,a-Trifluorotoluene	*101*		*"*	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*107*		*"*	*100*		*107*	*80-120*			
Calibration Check (EF42907-CCV1)				Prepared: 06/25/04 Analyzed: 06/28/04						
Benzene	98.0		ug/kg	100		98.0	80-120			
Toluene	103		"	100		103	80-120			
Ethylbenzene	101		"	100		101	80-120			
Xylene (p/m)	202		"	200		101	80-120			
Xylene (o)	101		"	100		101	80-120			
Surrogate: a,a,a-Trifluorotoluene	*107*		*"*	*100*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*80-120*			
Matrix Spike (EF42907-MS1)	**Source: 4F28001-01**			Prepared: 06/25/04 Analyzed: 06/29/04						
Benzene	106		ug/kg	100	ND	106	80-120			
Toluene	110		"	100	ND	110	80-120			
Ethylbenzene	109		"	100	ND	109	80-120			
Xylene (p/m)	218		"	200	ND	109	80-120			
Xylene (o)	107		"	100	ND	107	80-120			
Surrogate: a,a,a-Trifluorotoluene	*109*		*"*	*100*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF42907 - EPA 5030C (GC)										
Matrix Spike Dup (EF42907-MSD1)	**Source: 4F28001-01**			Prepared: 06/25/04	Analyzed: 06/29/04					
Benzene	100		ug/kg	100	ND	100	80-120	5.83	20	
Toluene	104		"	100	ND	104	80-120	5.61	20	
Ethylbenzene	104		"	100	ND	104	80-120	4.69	20	
Xylene (p/m)	209		"	200	ND	104	80-120	4.69	20	
Xylene (o)	107		"	100	ND	107	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	*102*		"	*100*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*110*		"	*100*		*110*	*80-120*			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF42503 - Water Extraction										
Blank (EF42503-BLK1)				Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	ND	20.0	mg/kg Wet							
Blank (EF42503-BLK2)				Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	ND	20.0	mg/kg Wet							
Blank (EF42503-BLK3)				Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EF42503-MS1)		**Source: 4F25002-01**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	851	20.0	mg/kg Wet	500	319	106	80-120			
Matrix Spike (EF42503-MS2)		**Source: 4F25002-21**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	1170	20.0	mg/kg Wet	500	659	102	80-120			
Matrix Spike (EF42503-MS3)		**Source: 4F25004-04**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	581	20.0	mg/kg Wet	500	99.3	96.3	80-120			
Matrix Spike Dup (EF42503-MSD1)		**Source: 4F25002-01**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	840	20.0	mg/kg Wet	500	319	104	80-120	1.30	20	
Matrix Spike Dup (EF42503-MSD2)		**Source: 4F25002-21**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	1160	20.0	mg/kg Wet	500	659	100	80-120	0.858	20	
Matrix Spike Dup (EF42503-MSD3)		**Source: 4F25004-04**		Prepared: 06/25/04 Analyzed: 06/26/04						
Chloride	588	20.0	mg/kg Wet	500	99.3	97.7	80-120	1.20	20	
Reference (EF42503-SRM1)				Prepared & Analyzed: 06/26/04						
Chloride	5000		mg/kg	5000		100	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF42503 - Water Extraction										
Reference (EF42503-SRM2)				Prepared & Analyzed: 06/26/04						
Chloride	5000		mg/kg	5000		100	80-120			
Reference (EF42503-SRM3)				Prepared & Analyzed: 06/26/04						
Chloride	5000		mg/kg	5000		100	80-120			
Batch EF42601 - General Preparation (Prep)										
Blank (EF42601-BLK1)				Prepared: 06/25/04 Analyzed: 06/26/04						
% Solids	0.0		%							
Duplicate (EF42601-DUP1)		**Source: 4F24002-01**		Prepared: 06/25/04 Analyzed: 06/26/04						
% Solids	95.0		%		95.0			0.00	20	

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 6-29-04

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

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

Client: Larson

Date/Time: 6/25/04 9:45

Order #: 4F25004

Initials: CDK

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	3.5 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	
Container labels legible and intact?	Yes	(No)	ID written on lid
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	Yes	(No)	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

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: C. Crain

PROJECT NO.: 0-0100-20

PROJECT NAME: Site #20 ~~Hugh 24" PL~~

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX (8021B)	8015 (Modified)	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/24/04	1626		X		South End - Bottom	1	✓	✓	✓	HF25004-01	
↓	1630		↓		South End - West	1	✓	✓	✓	02	
	1635				South End - South	1	✓	✓	✓	03	
↓	1645		↓		South End - East	1		✓	✓	04	

SAMPLED BY: (Signature) DATE: 6/24/04 TIME: 1645

RELINQUISHED BY: (Signature) DATE: 6/25/04 TIME: 0945

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

RECEIVING LABORATORY: ELT1
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: TX ZIP: 79763
CONTACT: Roland Tuttle PHONE: 432-563-1800

RECEIVED BY: (Signature)
DATE: 6/25/04 TIME: 9:45

SAMPLE CONDITION WHEN RECEIVED: 3.5°C

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil 4oz glass

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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4I11002

Report Date: 09/15/04

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/15/04 08:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-14	4I11002-01	Soil	09/10/04 10:00	09/10/04 16:45
SS-15	4I11002-02	Soil	09/10/04 10:10	09/10/04 16:45
SS-16	4I11002-03	Soil	09/10/04 10:18	09/10/04 16:45

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-14 (4I11002-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI41402	09/13/04	09/13/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	**J [0.0144]**	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	**ND**	0.0250	"	"	"	"	"	"	
Xylene (o)	**J [0.0151]**	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		*81.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.9 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**31.7**	10.0	mg/kg dry	1	EI41006	09/13/04	09/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	**84.0**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**116**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*129 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*122 %*	*70-130*		"	"	"	"	
SS-15 (4I11002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI41402	09/13/04	09/13/04	EPA 8021B	
Toluene	**0.0362**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.238**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.966**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.345**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*136 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**1360**	10.0	mg/kg dry	1	EI41006	09/13/04	09/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	**3020**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4380**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*151 %*	*70-130*		"	"	"	"	*S-04*
SS-16 (4I11002-03) Soil									
Gasoline Range Organics C6-C12	**43.7**	10.0	mg/kg dry	1	EI41006	09/13/04	09/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	**320**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**364**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*98.0 %*	*70-130*		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-14 (4I11002-01) Soil									
% Solids	**89.0**		%	1	EI41411	09/13/04	09/13/04	% calculation	
SS-15 (4I11002-02) Soil									
% Solids	**91.0**		%	1	EI41411	09/13/04	09/13/04	% calculation	
SS-16 (4I11002-03) Soil									
% Solids	**91.0**		%	1	EI41411	09/13/04	09/13/04	% calculation	

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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 EI41006 - Solvent Extraction (GC)										
Blank (EI41006-BLK1)				Prepared: 09/10/04 Analyzed: 09/13/04						
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	*53.4*		*mg/kg*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.2*		*"*	*50.0*		*104*	*70-130*			
Blank (EI41006-BLK2)				Prepared: 09/10/04 Analyzed: 09/14/04						
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	*52.0*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		*"*	*50.0*		*85.8*	*70-130*			
LCS (EI41006-BS1)				Prepared: 09/10/04 Analyzed: 09/13/04						
Gasoline Range Organics C6-C12	422	10.0	mg/kg wet	500		84.4	75-125			
Diesel Range Organics >C12-C35	518	10.0	"	500		104	75-125			
Total Hydrocarbon C6-C35	940	10.0	"	1000		94.0	75-125			
Surrogate: 1-Chlorooctane	*50.8*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.8*		*"*	*50.0*		*108*	*70-130*			
LCS (EI41006-BS2)				Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	495	10.0	"	500		99.0	75-125			
Total Hydrocarbon C6-C35	940	10.0	"	1000		94.0	75-125			
Surrogate: 1-Chlorooctane	*60.5*		*mg/kg*	*50.0*		*121*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.6*		*"*	*50.0*		*75.2*	*70-130*			
Calibration Check (EI41006-CCV1)				Prepared: 09/10/04 Analyzed: 09/13/04						
Gasoline Range Organics C6-C12	467		mg/kg	500		93.4	80-120			
Diesel Range Organics >C12-C35	564		"	500		113	80-120			
Total Hydrocarbon C6-C35	1030		"	1000		103	80-120			
Surrogate: 1-Chlorooctane	*50.7*		*"*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.9*		*"*	*50.0*		*106*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI41006 - Solvent Extraction (GC)										
Calibration Check (EI41006-CCV2)				Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	477		mg/kg	500		95.4	80-120			
Diesel Range Organics >C12-C35	554		"	500		111	80-120			
Total Hydrocarbon C6-C35	1030		"	1000		103	80-120			
Surrogate: 1-Chlorooctane	*52.2*		*"*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.3*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike (EI41006-MS1)		**Source: 4I10008-02**		Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	417	10.0	mg/kg dry	505	ND	82.6	75-125			
Diesel Range Organics >C12-C35	519	10.0	"	505	ND	103	75-125			
Total Hydrocarbon C6-C35	936	10.0	"	1010	ND	92.7	75-125			
Surrogate: 1-Chlorooctane	*46.4*		*mg/kg*	*50.0*		*92.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.1*		*"*	*50.0*		*94.2*	*70-130*			
Matrix Spike (EI41006-MS2)		**Source: 4I10018-07**		Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	417	10.0	mg/kg dry	500	ND	83.4	75-125			
Diesel Range Organics >C12-C35	499	10.0	"	500	ND	99.8	75-125			
Total Hydrocarbon C6-C35	916	10.0	"	1000	ND	91.6	75-125			
Surrogate: 1-Chlorooctane	*49.3*		*mg/kg*	*50.0*		*98.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.6*		*"*	*50.0*		*85.2*	*70-130*			
Matrix Spike Dup (EI41006-MSD1)		**Source: 4I10008-02**		Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	444	10.0	mg/kg dry	505	ND	87.9	75-125	6.27	20	
Diesel Range Organics >C12-C35	523	10.0	"	505	ND	104	75-125	0.768	20	
Total Hydrocarbon C6-C35	967	10.0	"	1010	ND	95.7	75-125	3.26	20	
Surrogate: 1-Chlorooctane	*45.9*		*mg/kg*	*50.0*		*91.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.7*		*"*	*50.0*		*95.4*	*70-130*			
Matrix Spike Dup (EI41006-MSD2)		**Source: 4I10018-07**		Prepared: 09/10/04 Analyzed: 09/14/04						
Gasoline Range Organics C6-C12	433	10.0	mg/kg dry	500	ND	86.6	75-125	3.76	20	
Diesel Range Organics >C12-C35	533	10.0	"	500	ND	107	75-125	6.59	20	
Total Hydrocarbon C6-C35	966	10.0	"	1000	ND	96.6	75-125	5.31	20	
Surrogate: 1-Chlorooctane	*51.8*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.7*		*"*	*50.0*		*93.4*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI41402 - EPA 5030C (GC)										
Blank (EI41402-BLK1)				Prepared & Analyzed: 09/13/04						
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	*83.9*		*ug/kg*	*100*		*83.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*90.1*		"	*100*		*90.1*	*80-120*			
LCS (EI41402-BS1)				Prepared & Analyzed: 09/13/04						
Benzene	86.0		ug/kg	100		86.0	80-120			
Toluene	83.4		"	100		83.4	80-120			
Ethylbenzene	84.2		"	100		84.2	80-120			
Xylene (p/m)	185		"	200		92.5	80-120			
Xylene (o)	92.4		"	100		92.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*106*		"	*100*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*96.1*		"	*100*		*96.1*	*80-120*			
Calibration Check (EI41402-CCV1)				Prepared & Analyzed: 09/13/04						
Benzene	83.3		ug/kg	100		83.3	80-120			
Toluene	81.5		"	100		81.5	80-120			
Ethylbenzene	81.9		"	100		81.9	80-120			
Xylene (p/m)	176		"	200		88.0	80-120			
Xylene (o)	87.8		"	100		87.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*104*		"	*100*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.9*		"	*100*		*87.9*	*80-120*			
Matrix Spike (EI41402-MS1)	**Source: 4I10018-01**			Prepared & Analyzed: 09/13/04						
Benzene	89.3		ug/kg	100	ND	89.3	80-120			
Toluene	90.0		"	100	ND	90.0	80-120			
Ethylbenzene	90.8		"	100	ND	90.8	80-120			
Xylene (p/m)	199		"	200	ND	99.5	80-120			
Xylene (o)	99.6		"	100	ND	99.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*104*		"	*100*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*94.7*		"	*100*		*94.7*	*80-120*			

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/15/04 08:02

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 EI41402 - EPA 5030C (GC)										
Matrix Spike Dup (EI41402-MSD1)	**Source: 4I10018-01**		Prepared & Analyzed: 09/13/04							
Benzene	84.4		ug/kg	100	ND	84.4	80-120	5.64	20	
Toluene	84.6		"	100	ND	84.6	80-120	6.19	20	
Ethylbenzene	85.1		"	100	ND	85.1	80-120	6.48	20	
Xylene (p/m)	189		"	200	ND	94.5	80-120	5.15	20	
Xylene (o)	93.8		"	100	ND	93.8	80-120	6.00	20	
Surrogate: a,a,a-Trifluorotoluene	*99.5*		"	*100*		*99.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.7*		"	*100*		*91.7*	*80-120*			

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 EI41411 - General Preparation (Prep)										
Blank (EI41411-BLK1)				Prepared & Analyzed: 09/13/04						
% Solids	100		%							
Duplicate (EI41411-DUP1)		**Source: 4I11002-01**		Prepared & Analyzed: 09/13/04						
% Solids	89.0		%		89.0			0.00	20	

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Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 9-15-04

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

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

Client: Larson & Associates

Date/Time: 09-11-04 @ 0615

Order #: 411002

Initials: JMM

Sample Receipt Checklist

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

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

CHAIN—OF—CUSTODY RECORD

LA arson & 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.: 0-0100-20

PROJECT NAME: Site #20

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)
9/10/04	1000		✓		SS-14	1	✓	✓	411002-01	
"	1010		✓		SS-15	1	✓	✓	-02	
"	1018		✓		SS-16	1	✓		-03	

SAMPLED BY: (Signature) Cindy Crain DATE: 9/10/04 TIME: 1645

RELINQUISHED BY: (Signature) Cindy Crain DATE: 9/10/04 TIME: 1645

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

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

COMMENTS:

TURNAROUND TIME NEEDED

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

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

RECEIVED BY: (Signature) Roland K Tuttle
DATE: 9-10-04 TIME: 1645

SAMPLE CONDITION WHEN RECEIVED: 4.0°C on ice 4oz glass

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 #20

Project Number: 0-0100-20

Location: None Given

Lab Order Number: 4I21006

Report Date: 09/23/04

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/23/04 16:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-5 (2-4')	4I21006-01	Soil	09/21/04 09:10	09/21/04 15:15
BH-5 (6-8')	4I21006-02	Soil	09/21/04 09:34	09/21/04 15:15
BH-5 (10-12')	4I21006-03	Soil	09/21/04 09:45	09/21/04 15:15
SS-17	4I21006-04	Soil	09/21/04 10:00	09/21/04 15:15
SS-18	4I21006-05	Soil	09/21/04 10:04	09/21/04 15:15
SS-19	4I21006-06	Soil	09/21/04 10:08	09/21/04 15:15

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
BH-5 (2-4') (4I21006-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42113	09/22/04	09/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.0 %*	*70-130*		"	"	"	"	
BH-5 (6-8') (4I21006-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42113	09/22/04	09/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*84.0 %*	*70-130*		"	"	"	"	
BH-5 (10-12') (4I21006-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42113	09/22/04	09/23/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*81.6 %*	*70-130*		"	"	"	"	
SS-17 (4I21006-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42113	09/22/04	09/23/04	EPA 8015M	
Diesel Range Organics >C12-C35	**67.0**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**67.0**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.2 %*	*70-130*		"	"	"	"	
SS-18 (4I21006-05) Soil									
Gasoline Range Organics C6-C12	**96.2**	10.0	mg/kg dry	1	EI42113	09/22/04	09/23/04	EPA 8015M	
Diesel Range Organics >C12-C35	**1850**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1950**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*128 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*197 %*	*70-130*		"	"	"	"	*S-04*

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-19 (4I21006-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI42113	09/22/04	09/23/04	EPA 8015M	
Diesel Range Organics >C12-C35	**13.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**13.6**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-5 (2-4') (4I21006-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EI42309	09/23/04	09/23/04	SW 846 9253	
% Solids	**97.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	
BH-5 (6-8') (4I21006-02) Soil									
Chloride	**53.2**	20.0	mg/kg Wet	2	EI42309	09/23/04	09/23/04	SW 846 9253	
% Solids	**93.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	
BH-5 (10-12') (4I21006-03) Soil									
Chloride	**468**	20.0	mg/kg Wet	2	EI42309	09/23/04	09/23/04	SW 846 9253	
% Solids	**93.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	
SS-17 (4I21006-04) Soil									
Chloride	**106**	20.0	mg/kg Wet	2	EI42309	09/23/04	09/23/04	SW 846 9253	
% Solids	**95.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	
SS-18 (4I21006-05) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EI42309	09/23/04	09/23/04	SW 846 9253	
% Solids	**99.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	
SS-19 (4I21006-06) Soil									
Chloride	**404**	20.0	mg/kg Wet	2	EI42309	09/22/04	09/23/04	SW 846 9253	
% Solids	**97.0**		%	1	EI42301	09/22/04	09/22/04	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42113 - Solvent Extraction (GC)										
Blank (EI42113-BLK1)				Prepared: 09/21/04 Analyzed: 09/22/04						
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	*49.9*		*mg/kg*	*50.0*		*99.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.3*		*"*	*50.0*		*88.6*	*70-130*			
Blank (EI42113-BLK2)				Prepared: 09/22/04 Analyzed: 09/23/04						
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	*46.4*		*mg/kg*	*50.0*		*92.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		*"*	*50.0*		*73.8*	*70-130*			
LCS (EI42113-BS1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Gasoline Range Organics C6-C12	432	10.0	mg/kg wet	500		86.4	75-125			
Diesel Range Organics >C12-C35	528	10.0	"	500		106	75-125			
Total Hydrocarbon C6-C35	960	10.0	"	1000		96.0	75-125			
Surrogate: 1-Chlorooctane	*58.8*		*mg/kg*	*50.0*		*118*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.4*		*"*	*50.0*		*113*	*70-130*			
LCS (EI42113-BS2)				Prepared: 09/22/04 Analyzed: 09/23/04						
Gasoline Range Organics C6-C12	415	10.0	mg/kg wet	500		83.0	75-125			
Diesel Range Organics >C12-C35	504	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	919	10.0	"	1000		91.9	75-125			
Surrogate: 1-Chlorooctane	*52.7*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.6*		*"*	*50.0*		*87.2*	*70-130*			
Calibration Check (EI42113-CCV1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Gasoline Range Organics C6-C12	460		mg/kg	500		92.0	80-120			
Diesel Range Organics >C12-C35	578		"	500		116	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*53.8*		*"*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*60.7*		*"*	*50.0*		*121*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI42113 - Solvent Extraction (GC)										
Calibration Check (EI42113-CCV2)				Prepared: 09/22/04 Analyzed: 09/23/04						
Gasoline Range Organics C6-C12	447		mg/kg	500		89.4	80-120			
Diesel Range Organics >C12-C35	514		"	500		103	80-120			
Total Hydrocarbon C6-C35	961		"	1000		96.1	80-120			
Surrogate: 1-Chlorooctane	*57.0*		*"*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.5*		*"*	*50.0*		*115*	*70-130*			
Matrix Spike (EI42113-MS1)	**Source: 4I21002-24**			Prepared: 09/21/04 Analyzed: 09/22/04						
Gasoline Range Organics C6-C12	568	10.0	mg/kg dry	543	8.89	103	75-125			
Diesel Range Organics >C12-C35	864	10.0	"	543	307	103	75-125			
Total Hydrocarbon C6-C35	1430	10.0	"	1090	307	103	75-125			
Surrogate: 1-Chlorooctane	*58.7*		*mg/kg*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*62.6*		*"*	*50.0*		*125*	*70-130*			
Matrix Spike (EI42113-MS2)	**Source: 4I22001-08**			Prepared: 09/22/04 Analyzed: 09/23/04						
Gasoline Range Organics C6-C12	506	10.0	mg/kg dry	568	ND	89.1	75-125			
Diesel Range Organics >C12-C35	612	10.0	"	568	ND	108	75-125			
Total Hydrocarbon C6-C35	1120	10.0	"	1140	ND	98.2	75-125			
Surrogate: 1-Chlorooctane	*56.9*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.8*		*"*	*50.0*		*95.6*	*70-130*			
Matrix Spike Dup (EI42113-MSD1)	**Source: 4I21002-24**			Prepared: 09/21/04 Analyzed: 09/22/04						
Gasoline Range Organics C6-C12	550	10.0	mg/kg dry	543	8.89	99.7	75-125	3.22	20	
Diesel Range Organics >C12-C35	839	10.0	"	543	307	98.0	75-125	2.94	20	
Total Hydrocarbon C6-C35	1390	10.0	"	1090	307	99.4	75-125	2.84	20	
Surrogate: 1-Chlorooctane	*61.9*		*mg/kg*	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*62.9*		*"*	*50.0*		*126*	*70-130*			
Matrix Spike Dup (EI42113-MSD2)	**Source: 4I22001-08**			Prepared: 09/22/04 Analyzed: 09/23/04						
Gasoline Range Organics C6-C12	517	10.0	mg/kg dry	568	ND	91.0	75-125	2.15	20	
Diesel Range Organics >C12-C35	641	10.0	"	568	ND	113	75-125	4.63	20	
Total Hydrocarbon C6-C35	1160	10.0	"	1140	ND	102	75-125	3.51	20	
Surrogate: 1-Chlorooctane	*59.4*		*mg/kg*	*50.0*		*119*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.7*		*"*	*50.0*		*99.4*	*70-130*			

Larson & Associates, Inc.	Project: Dynegy Site #20	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 0-0100-20	**Reported:**
Midland TX, 79710	Project Manager: Cindy Crain	09/23/04 16:49

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 EI42301 - % Solids										
Blank (EI42301-BLK1)				Prepared & Analyzed: 09/22/04						
% Solids	100		%							
Duplicate (EI42301-DUP1)		**Source: 4I21003-01**		Prepared & Analyzed: 09/22/04						
% Solids	97.0		%		98.0			1.03	20	
Batch EI42309 - Water Extraction										
Blank (EI42309-BLK1)				Prepared: 09/22/04 Analyzed: 09/23/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EI42309-MS1)		**Source: 4I21003-01**		Prepared: 09/22/04 Analyzed: 09/23/04						
Chloride	510	20.0	mg/kg Wet	500	0.00	102	80-120			
Matrix Spike Dup (EI42309-MSD1)		**Source: 4I21003-01**		Prepared: 09/22/04 Analyzed: 09/23/04						
Chloride	500	20.0	mg/kg Wet	500	0.00	100	80-120	1.98	20	
Reference (EI42309-SRM1)				Prepared & Analyzed: 09/23/04						
Chloride	4940		mg/kg	5000		98.8	80-120			

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
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 9-24-04

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

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

Client: Larson + Associates

Date/Time: 09-21-04 @ 1525

Order #: 4I 21006

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	0.5 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles?	Yes	No	(Not present)
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	Yes	No	No Labels - written on lid
Container labels legible and intact?	Yes	No	No Labels - written on lid
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

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.: 0-0100-20

PROJECT NAME: Site #20

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)
9/21/04	0910		✓		BH-5 (2-4')	1	✓	✓	421006-01	
"	0934		✓		BH-5 (6-8')	1	✓	✓	-02	
"	0945		✓		BH-5 (10-12')	1	✓	✓	-03	
"	1000		✓		SS-17	1	✓	✓	-04	
"	1004		✓		SS-18	1	✓	✓	-05	
"	1008		✓		SS-19	1	✓	✓	-06	

SAMPLED BY: (Signature) Cindy Crain — DATE: 9/21/04 TIME: 1008

RELINQUISHED BY: (Signature) — DATE: 9/21/04 TIME: 1515

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

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

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

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

COMMENTS:

TURNAROUND TIME NEEDED

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

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

RECEIVED BY: (Signature) Joane McMurry
DATE: 9-21-04 TIME: 1515

SAMPLE CONDITION WHEN RECEIVED: 4oz glass on ice
0.5 °C

LA CONTACT PERSON: C. Crain

SAMPLE TYPE: Soil

APPENDIX C

Photographs

DYNEGY MIDSTREAM SERVICES, L.P.
SITE #20, NE/4, NW/4, SEC. 14, T22S, R37E, LEA CO., NM
PHOTOGRAPHS

1. View to southeast. Note lease road immediately to south. (5/10/04)

2. View to southwest. Note road immediately to south. (9/10/04)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised June 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

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

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	14	22S	37E					Lea

NATURE OF RELEASE

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

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Leak at drip valve. Historical leak.

Describe Area Affected and Cleanup Action Taken.*

Some staining along pipeline at valve. Drip removed, pipeline replaced. Soil excavated and removed to NMOCD approved landfarm.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Cal Wrangham by Cindy Cai	OIL CONSERVATION DIVISION	
Printed Name: Cal Wrangham	Approved by District Supervisor:	
Title: ES&H Advisor	Approval Date:	Expiration Date:
E-mail Address: Cal.Wrangham@Dynegy.com	Conditions of Approval:	Attached ☐
Date: 12/10/04 Phone: (432) 688-0542		

* Attach Additional Sheets If Necessary