GW - 5

MONITORING REPORTS

DATE:

2003-2002

elpaso Natural Gas

February 27, 2003

Mr. Ed Martin
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: El Paso Natural Gas
Washington Ranch Trash Pit Closure
Discharge Plan GW-006

Dear Mr. Martin:

El Paso Natural Gas (EPNG) is submitting the enclosed Waste Pit Closure Report on the above-referenced facility. The New Mexico Oil Conservation Division (OCD) requested that the pit be closed in a letter dated May 22, 2001 to EPNG. This report presents the findings and analytical data generated during the field activities. This report was prepared by AMEC Earth and Environmental, Inc. (AMEC) on behalf of EPNG.

Based on the findings and analytical data presented in this report, EPNG is requesting a closure letter (No Further Action) consistent with OCD regulations. If you have any questions, please contact Robert Wilcox of AMEC at 915-686-1978 or myself at 915-686-3268.

Sincerely,
El Paso Natural Gas Company

Robert H. St. John
Sr. Environmental Scientist

Encl.

CC: Vance Carson – Area Manager, Carlsbad Operating Complex
Sandra Miller – Manager, Pipelines West Environmental Department

El Paso Natural Gas
3300 North "A" Building Two Suite 200 Midland, Texas 79705

February 5, 2003
AMEC Project No. 2-517-00308M

WASTE PIT CLOSURE REPORT

EL PASO NATURAL GAS
WASHINGTON RANCH PLANT
EDDY COUNTY, NEW MEXICO

Submitted To:

El Paso Natural Gas
3300 North A Street
Building 2, Suite 200
Midland, Texas 79705

Submitted By:

AMEC Earth & Environmental, Inc.
301 North Colorado Street, Suite 350
Midland, Texas 79701

February 5, 2003
AMEC Job No. 2-517-00308M

Mr. Bob St. John
El Paso Natural Gas
3300 North A Street
Building 2, Suite 200
Midland, Texas 79705

Re: Waste Pit Closure Report
El Paso Natural Gas
Washington Ranch Gas Storage Facility (GW-006)
Eddy County, New Mexico

Dear Mr. St. John:

AMEC Earth & Environmental, Inc. (AMEC) is pleased to present this Closure Report for a waste pit located at the El Paso Natural Gas (EPNG) Washington Ranch Gas Storage Facility in Eddy County, New Mexico. Field activities for this project were completed on December 13, 2002.

We appreciate the opportunity to provide these services for EPNG. Should you have any questions, please contact me at (915) 686-1978.

Sincerely,
AMEC Earth & Environmental, Inc.

Bob Wilcox, P.G.
Midland Unit Manager

Attachments – Closure Report

AMEC Earth Environmental
301. N. Colorado, Suite 350
Midland, Texas 79701
(915) 686-1978 phone
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1.0 PURPOSE AND SCOPE

This report presents the results of the closure of a waste pit at the El Paso Natural Gas (EPNG) Washington Ranch Gas Storage Facility (the site) in Eddy County, New Mexico. The New Mexico Oil Conservation Division (OCD) requested the closure of the waste pit in correspondence to EPNG dated May 22, 2002. This Closure Report contains a summary of pertinent site information, results of sampling and laboratory analyses, waste management procedures, the destination of wastes, and a summary of closure activities.

2.0 SITE DESCRIPTION

The EPNG Washington Ranch Gas Storage Facility is located in Section 34, Township 25 South, Range 24 East, in Eddy County, New Mexico, approximately nine miles southwest of White City, New Mexico. A site location map is presented as Figure 1. The facility provides natural gas storage though injection into an underground reservoir in the Morrow Formation. In addition, the facility removes water from the natural gas stream to produce pipeline quality gas. Several buildings and process equipment are located at the site. A site plan is presented as Figure 2.

Soils at the surface in the site vicinity are weathered limestone hardpan (caliche) with scattered limestone gravel. Surface elevation at the site is approximately 3,720 feet above mean sea level. The topography at the site is relatively flat, with apparent surface drainage toward the northwest. Information obtained from EPNG indicates that groundwater in the site vicinity is found at approximately 80 feet below ground. The Black River is located approximately 1,500 feet northwest of the facility.

The subject waste pit was located in the northeast portion of the facility. Waste contained in the pit included building materials, process filters from site machinery, soil, and other miscellaneous facility wastes. During the project, AMEC excavated the waste from the pit, obtained soil samples from the excavation limits for laboratory analyses, arranged for disposal of the waste at an approved OCD facility, and backfilled the pit with clean soils after obtaining approval from EPNG and the OCD.

3.0 CLOSURE PLAN

Following approval by EPNG, AMEC submitted a Closure Plan to the OCD during July, 2002. The plan contained a summary of site information, a sampling and analysis plan, proposed waste handling procedures, proposed destination of wastes, and plans for reporting the closure activities. The OCD approved the Closure Plan by e-mail correspondence dated August 7, 2002. A copy of the authorization correspondence is presented in Appendix A. All site activity was coordinated with EPNG personnel, and the OCD offices in Santa Fe and Artesia, New Mexico. Selected photographs obtained during the project are shown in Appendix B.

4.0 HEALTH AND SAFETY PLAN

Prior to initiating the field program at the site, AMEC prepared a site-specific Health and Safety Plan (HASP). AMEC site personnel also received site-specific Health and Safety training at EPNG's Carlsbad, New Mexico office and at the Washington Ranch Plant. Daily tailgate safety meetings were held prior to initiating work each day. A copy of the AMEC HASP and daily tailgate meeting records are on file at AMEC's Midland, Texas office.

5.0 WASTE REMOVAL ACTIVITIES – PHASE 1

AMEC began waste removal activities at the site on August 14, 2002. A track-hoe and front-end loader were used to excavate and stage material. Waste materials and soil contained in the

exposed pit were initially segregated and placed on 6 mil plastic at the site prior to being transported to the waste disposal facility. Non-regulated building materials such as wood and concrete were segregated from the OCD-regulated materials for final disposal at the City of Carlsbad Sandpoint Landfill. During the initial excavations at the site, AMEC excavated the waste from the pit until the dimensions were 60 feet by 45 feet by approximately 4 feet deep. This phase of the excavation work was completed on August 28, 2002. AMEC constructed a 4-foot high plastic, high-visibility fence around the perimeter of the excavation. "No Dumping" signs were placed on each side of the excavation fencing. The pit was left open and fenced until closure confirmation analyses were obtained and reviewed (see below). Waste material and soils were stockpiled on plastic, bermed, and covered awaiting regulatory and landfill approval.

6.0 WASTE CHARACTERIZATION SAMPLING - PHASE 1

6.1 Naturally Occurring Radioactive Materials

On August 13, 2002, AMEC personnel performed a Naturally Occurring Radioactive Materials (NORM) survey on the exposed waste in the pit with a calibrated Ludlum Model 3 NORM meter. The NORM survey was performed by Mr. Bob Wilcox of AMEC. Mr. Wilcox is certified by the New Mexico Environment Department as an Oil and Gas NORM Radiation Safety Consultant (Registration Number 606-6N). Background NORM levels at the site were 8 microroentgens per hour (μR/hr); no levels of NORM above background were detected in the waste surveyed during the project.

6.2 Waste Composite Sampling – Phase 1

EPNG selected Controlled Recovery, Inc. (CRI), an OCD-approved facility, of Carlsbad, New Mexico for disposal of the solid waste from the waste pit. AMEC provided CRI with a description of the waste material and CRI determined that one waste composite sample was necessary for characterizing the waste prior to transporting the waste to the disposal facility. On August 15, 2002, AMEC personnel obtained a composite sample of waste and soils from the pit and submitted it to Trace Analysis, Inc. of Lubbock, Texas for laboratory testing. At the request of CRI and the OCD, the composite waste sample was tested for Total Petroleum Hydrocarbons - Diesel Range (TPH-DRO - Method 8015), Total Metals (RCRA 8 by Method 601B), polychlorinated biphenyl's (PCB's - Method 8082), reactivity, corrosivity and ignitability (RCI), volatile organic compounds (Method 8260B), and semi-volatile organic compounds (Method 8270C), for waste characterization purposes.

AMEC received the results of the waste composite sample on August 26, 2002. The results of the analytical testing indicated no constituents of concern in the waste composite sample. Waste characterization sample results were reviewed by, CRI, OCD, and AMEC, prior to disposal at the CRI facility. Table 1 provides a summary of the waste composite sample results. The laboratory reports for the waste composite sample are presented in Appendix C.

7.0 WASTE DISPOSAL – PHASE 1

Following the acceptance of the waste, the OCD-regulated material was shipped to the CRI facility on August 26 through August 30, 2002. Three hundred thirty five (335) cubic yards of waste were transported from the site to the CRI facility during that period. Approximately sixteen (16) tons of non-regulated building material was hauled from the site to the City of Carlsbad Sandpoint Landfill by

BES Rentals on August 20, 2002. Waste disposal records for the project are presented in Appendix D.

8.0 CLOSURE CONFIRMATION SAMPLING – PHASE 1

On August 28, following removal of wastes from the 60 feet by 45 feet by 4 feet pit defined in the original work scope and closure plan, a total of six (6) soil samples were obtained from the excavation to verify that all impacted soil had been successfully removed from the pit. Test trenches were excavated two feet into each wall. One (1) discrete soil sample was obtained from the back wall of each test trench. Two (2) discrete soil samples were obtained from two (2) feet below the bottom of the excavation. The samples were obtained using a properly decontaminated stainless steel trowel. Limits of the original excavation and sample locations are shown on Figure 3.

In accordance with the OCD-approved Closure Plan, confirmation samples were tested for Total Petroleum Hydrocarbons - Diesel Range (TPH-DRO - Method 8015), volatile organic compounds (Method 8260B), Total Metals (RCRA 8 by Method 601B), and polychlorinated biphenyl's (PCB's - Method 8082). Table 2 provides a summary of the waste pit soil sample results and the laboratory reports are presented in Appendix C.

Sample results indicated there were no constituents of concern in samples from the east wall, south wall, north wall, and east bottom samples. The west wall sample and west bottom sample had total petroleum hydrocarbons – diesel range organics (TPH-DRO) concentrations of 157 parts per million (ppm) and 2510 ppm, respectively. Additional waste material remained to be excavated from the bottom of the pit and the west wall; therefore, additional excavation in these areas was planned. EPNG requested that AMEC excavate several test trenches west of the exposed pit in order to estimate the remaining waste volume.

9.0 TEST TRENCHING

On October 24, 2002, AMEC personnel utilized a backhoe to excavate several test trenches to estimate the remaining buried waste at the west end of the waste pit. The excavations indicated the pit extended an additional 50 feet to the west with an additional width of approximately 60 feet.

10.0 WASTE REMOVAL ACTIVITIES – PHASE 2

Following authorization by EPNG and notification to the OCD, AMEC began the second phase of waste removal activities at the site on November 13, 2002. A track-hoe and front-end loader were used to excavate and stage material. Waste materials and soil contained in the exposed pit were placed on 6 mil plastic at the site prior to being transported to CRI. During the second phase AMEC excavated the waste from the pit until the additional area excavated was approximately 60 feet by 50 and varied from 6 to 10 feet deep.

Phase 2 of the excavation work was completed on November 19, 2002. AMEC constructed a 4-foot high, plastic, high-visibility fence around the perimeter of the excavation. "No Dumping" signs were placed on each side of the excavation fencing. The pit was left open and fenced until closure confirmation analyses were obtained and reviewed (see below). Waste material and soils were transported from the site in roll-off boxes and dump trucks to the CRI facility.

11.0 WASTE CHARACTERIZATION SAMPLING – PHASE 2

11.1 Naturally Occurring Radioactive Materials

Mr. Bob Wilcox of AMEC conducted an additional NORM survey on November 13, 2002, for the remaining exposed waste in the pit. The survey was performed with a calibrated Ludlum Model 3 NORM meter. Background NORM levels at the site were 8 μR/hr; no measured NORM activity exceeded background levels.

11.2 Waste Composite Sampling - Phase 2

The waste composite sample obtained during Phase 1 of the project was used as the characterization for Phase 2 of the project. The waste characterization sampling was described in Section 6.2.

12.0 WASTE DISPOSAL

The additional waste material excavated during Phase 2 of the project was shipped to the CRI facility between November 13 and November 23, 2002. An additional 1,436 cubic yards of waste and soil was transported to the CRI facility during that period. Combined with the Phase 1 waste, a total of 1,771 cubic yards of waste and soil was transported to the CRI facility during the entire project. Waste disposal records for the project are presented in Appendix D.

13.0 CLOSURE CONFIRMATION SAMPLING – PHASE 2

On November 19, 2002, two (2) soil samples were obtained from the Phase 2 excavation to verify that all impacted soil had been successfully removed from the pit. Sample locations were designated by the OCD. One (1) discrete soil sample was obtained from the west wall of the trench. One (1) discrete soil sample was obtained from the bottom of the excavation. The samples were collected and obtained using properly decontaminated sampling equipment under the direction of the OCD. Final limits of the excavation and sample locations are shown on Figure 3.

Each confirmation sample was tested for Total Petroleum Hydrocarbons - Diesel Range (TPH-DRO-Method 8015), volatile organic compounds (Method 8260B), Total Metals (RCRA 8 by Method 601B), and polychlorinated biphenyl's (PCB's - Method 8082). Table 2 provides a summary of the confirmation sample results. The laboratory reports for the confirmation samples are presented in Appendix C.

Sample results indicated there were no constituents of concern in the samples obtained from the west wall and west bottom. On December 9, 2002, the OCD stated that the sample results from the waste pit were acceptable and that the open pit could be backfilled. A copy of the backfilling authorization from the OCD is presented in Appendix A.

14.0 BACKFILLING THE EXCAVATION

On December 9, AMEC began backfilling the excavation. The excavation was backfilled with clean fill hauled to the site by CRI. A total of 960 yards of clean fill were hauled to the site; approximately

811 yards of clean backfill was available at the site to complete backfilling the pit. Records of the transportation of the backfill are found in Appendix D.

TABLE 1

El Paso Natural Gas
Washington Ranch Plant
Waste Pit Closure
Selected Waste Composite Soil Sample Laboratory Results

Parameter	Result	Units	Dilution	RDL
Reactivity, Corrosivity, Ignitablity				
Reactivity	Non-reactive	-	1	-
Corrosivity	Non-corrosive	'mm/yr	1	-
'pH	7.8	s.u.	1	-
Hydrogen Sulfide	<10	'mg/Kg	1	-
Hydrogen Cyanide	<2.5	'mg/Kg	1	-
Ignitability	Non-ignitable	-	-	-
PCB				
PCB	<0.004	'mg/Kg	0.16	0.004
Arochlor 1016	<0.004	'mg/Kg	0.16	0.004
Arochlor 1221	<0.004	'mg/Kg	0.16	0.004
Arochlor 1232	<0.004	'mg/Kg	0.16	0.004
Arochlor 1242	<0.004	'mg/Kg	0.16	0.004
Arochlor 1248	<0.004	'mg/Kg	0.16	0.004
Arochlor 1254	<0.004	'mg/Kg	0.16	0.004
Arochlor 1260	<0.004	'mg/Kg	0.16	0.004
Total Petroleum Hydrocarbons				
DRO	<50.0	'mg/Kg	1	50
GRO	<1	'mg/Kg	10	0.10
Total Mercury and Metals				
Total Mercury	<0.19	'mg/Kg	1	0.19
Total Arsenic	<5.00	'mg/Kg	100	0.05
Total Barium	102	'mg/Kg	100	0.10
Total Cadmium	0.660	'mg/Kg	100	0.005
Total Chromium	10.4	'mg/Kg	100	0.01
Total Lead	7.16	'mg/Kg	100	0.01
Total Selenium	<1.00	'mg/Kg	100	0.01
Total Silver	<0.200	'mg/Kg	100	0.002

The waste composite sample was obtained on August 15, 2002 and submitted to Trace Analysis for laboratory testing. Sample results were submitted to the New Mexico Oil Conservation Division and Controlled Recovery, Inc. (CRI), for approval to ship wastes to their facility. Laboratory reports are shown in Appendix C.

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TABLE 1
(continued)

El Paso Natural Gas
Washington Ranch Plant
Waste Pit Closure
Selected Waste Composite Soil Sampling Laboratory Results

Parameter	Result	Units	Dilution	RDL
Selected Semivolatiles				
Naphthalene	<0.25	'mg/Kg	1	0.25
Flourene	<0.25	'mg/Kg	1	0.25
Phenanthrene	<0.25	'mg/Kg	1	0.25
Anthracene	<0.25	'mg/Kg	1	0.25
Pyrene	<0.25	'mg/Kg	1	0.25
Chrysene	<0.25	'mg/Kg	1	0.25
Benzo(k)flouranthrene	<0.25	'mg/Kg	1	0.25
Benzo(a)pyrene	<0.25	'mg/Kg	1	0.25
Selected Volatiles				
Vinyl Chloride	<25	'µg/Kg	25	1
Acetone	<250	'µg/Kg	1	10
MTBE	<25	'µg/Kg	25	1
1,2-Dichloroethane (EDC)	<25	'µg/Kg	25	1
Benzene	<25	'µg/Kg	25	1
Trichloroethene (TCE)	<25	'µg/Kg	25	1
Toluene	<25	'µg/Kg	25	1
1,2-Dibromomethane (EDB)	<25	'µg/Kg	25	1
Tetrachloroethane (PCE)	<25	'µg/Kg	25	1
Ethylbenzene	<25	'µg/Kg	25	1
m,p-Xylene	<25	'µg/Kg	25	1
0-Xylene	<25	'µg/Kg	25	1

The waste composite sample was obtained on August 15, 2002 and submitted to Trace Analysis for laboratory testing. Sample results were submitted to the New Mexico Oil Conservation Division and Controlled Recovery, Inc. (CRI), for approval to ship wastes to their facility. Laboratory reports are shown in Appendix C.

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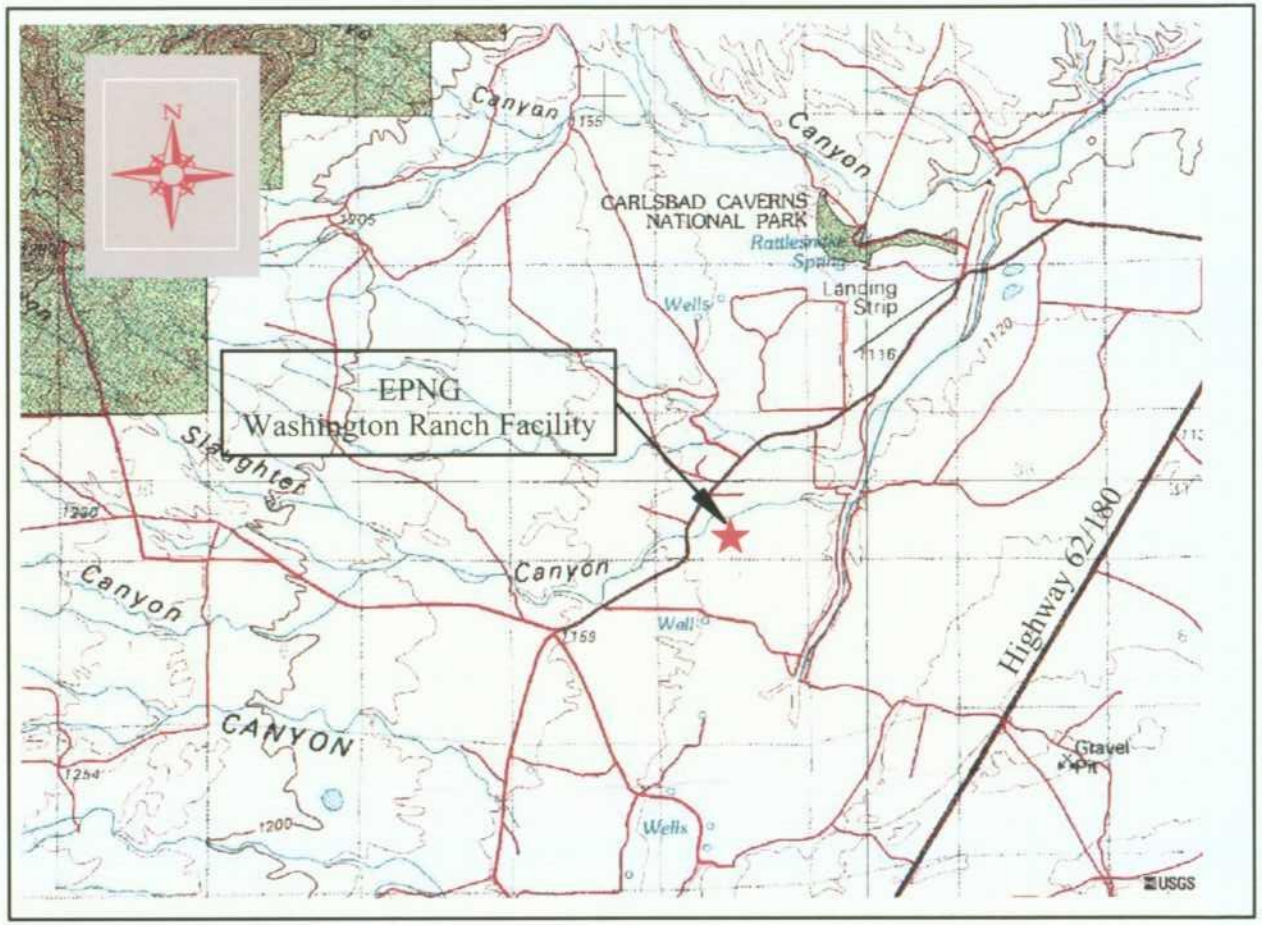
TABLE 2
El Paso Natural Gas Washington Ranch Plant
Summary Of Waste Pit Analytical Laboratory Results

Parameter	Units	East Wall	West Wall	South Wall	North Wall	West Bottom	East Bottom	New Excavation West Wall	New Excavation West Bottom
Date Sampled	N/A	8/28/02	8/28/02	8/28/02	8/28/02	8/28/02	8/28/02	11/19/02	11/19/02
TPH									
TPH DRO	'ppm	<50.0	2510	<50.0	<50.0	157	<50.0	<50.0	<50.0
PCB									
PCB	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1016	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1221	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1232	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1242	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1248	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1254	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arochlor 1260	'mg/Kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Total Mercury & Metals									
Total Mercury	'mg/Kg	<0.19	1.70	<0.19	<0.19	0.20	<0.19	<19.0	<19.0
Total Arsenic	'mg/Kg	<5.00	9.30	<5.00	7.27	6.64	5.83	<5.00	7.01
Total Barium	'mg/Kg	132	137	29.5	91.5	102	146	1100	101
Total Cadmium	'mg/Kg	0.724	1.18	0.688	0.757	0.934	0688	0.643	0.881
Total Chromium	'mg/Kg	8.60	8.31	9.89	9.87	8.33	6.87	9.97	13.0
Total Lead	'mg/Kg	5.86	21.6	5.39	7.81	7.27	5.40	10.4	12.8
Total Selenium	'mg/Kg	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Silver	'mg/Kg	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Selected Volatiles									
Bromochloromethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Chloromethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Vinyl Chloride	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bromomethane	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Acetone	'ug/Kg	<100	<500	<100	<100	<100	<100	<100	<100
Iodomethane	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	233	133
Carbon Disulfide	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Butanone	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
4-methyl-2-pentanone	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-hexanone	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Methylene chloride	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
MTBE	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	59.6	60.6
'trans-1,2-Dichloroethene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,1-Dichloroethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'cis-1,2-Dichloroethene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2,2-Dichloropropane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2-Dichloroethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Chloroform	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,1,1-Trichloroethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,1-Dichloropropene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

TABLE 2 (continued)
El Paso Natural Gas Washington Ranch Plant
Summary Of Waste Pit Analytical Laboratory Results

Parameter	Units	East Wall	West Wall	South Wall	North Wall	West Bottom	East Bottom	New Excavation West Wall	New Excavation West Bottom
Date Sampled	N/A	8/28/02	8/28/02	8/28/02	8/28/02	8/28/02	8/28/02	11/19/02	11/19/02
Selected Volatiles (cont.)									
Benzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon Tetrachloride	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2-Dichloropropane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Dibromomethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bromodichloromethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Chloroethyl vinyl ether	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
'cis-1,3-Dichloropropene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Toluene	'ug/Kg	<10.0	83.2	<10.0	<10.0	20.3	<10.0	<10.0	<10.0
1,1,2-Trichloroethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,3-Dichloropropane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Dibromochloromethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2-Dibromoethane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Tetrachloroethene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Chlorobenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Ethylbenzene	'ug/Kg	<10.0	57.4	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'm,p-Xylene	'ug/Kg	<10.0	353	<10.0	<10.0	20.9	<10.0	<10.0	<10.0
Bromoform	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Styrene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'o-Xylene	'ug/Kg	<10.0	127	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Chlorotoluene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2,3-Trichloropropane	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene	'ug/Kg	<10.0	88.9	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bromobenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'n-Propylbenzene	'ug/Kg	<10.0	82.4	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,3,5-Trimethylbenzene	'ug/Kg	<10.0	263	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'tert-Butylbenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2,4-Trimethylbenzene	'ug/Kg	<10.0	518	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,4-Dichlorobenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'sec-Butylbenzene	'ug/Kg	<10.0	102	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,3-Dichlorobenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'p-Isopropyltoluene	'ug/Kg	<10.0	86.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
4-Chlorotoluene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2-Dichlorobenzene	'ug/Kg	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
'nButylbenzene	'ug/Kg	<10.0	116	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1,2,3-Trichlorobenzene	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2,4-Trichlorobenzene	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Naphthalene	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Hexachlorobutadiene	'ug/Kg	<50.0	<250	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

FIGURES

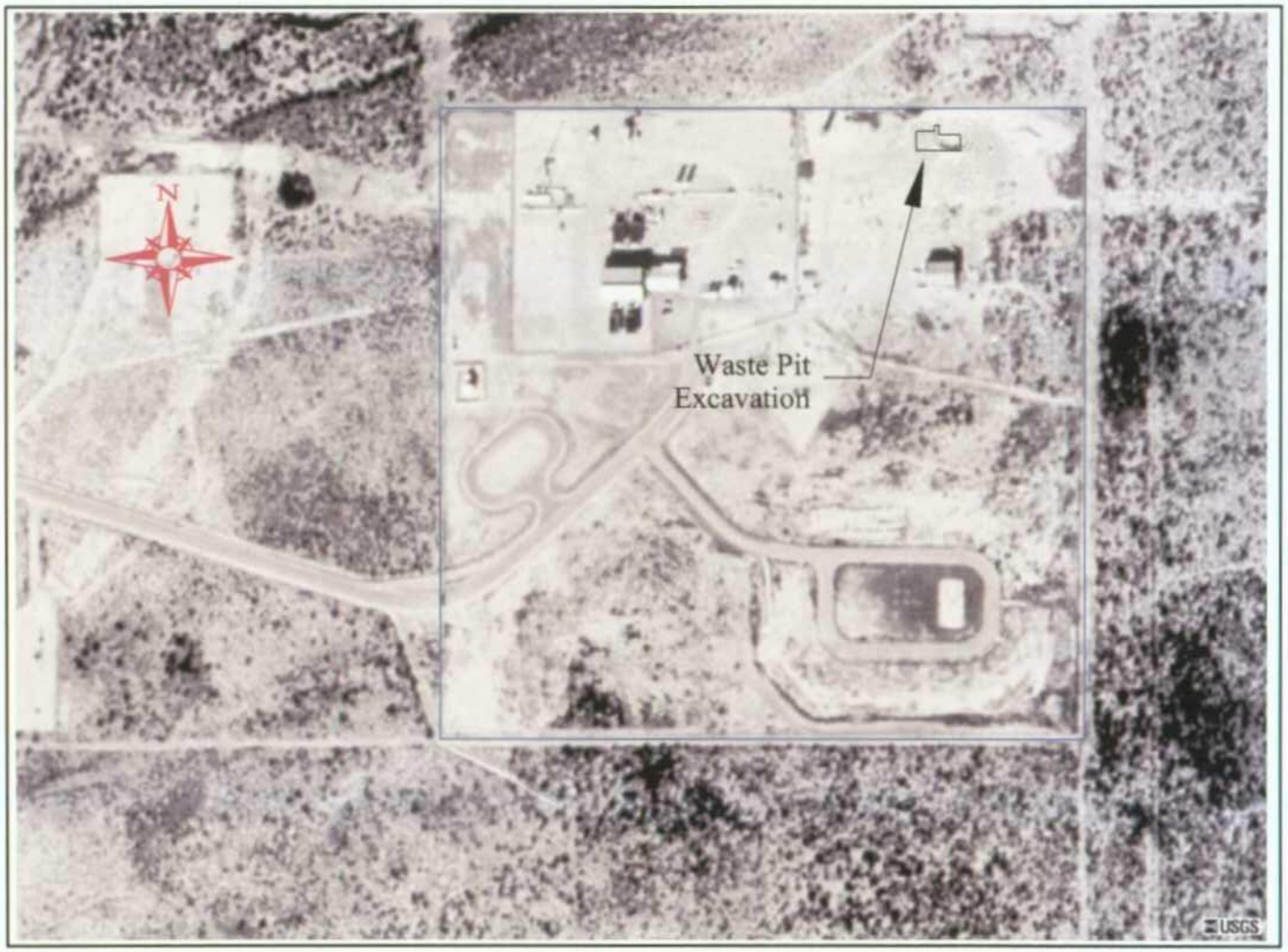


SCALE

0' 1 Mile

Carlsbad Caverns National Park
Topographic Map
United States Geological Survey,
01 July, 1979

El Paso Natural Gas Washington Ranch Plant Eddy County, New Mexico	amec Earth & Environmental 301 N. Colorado, Ste. 350 Midland, Texas 79701	Site Location Map		Figure No. 1
		Date Drawn: 7/23/02	Drawn By: MAE	Reviewed By: BW

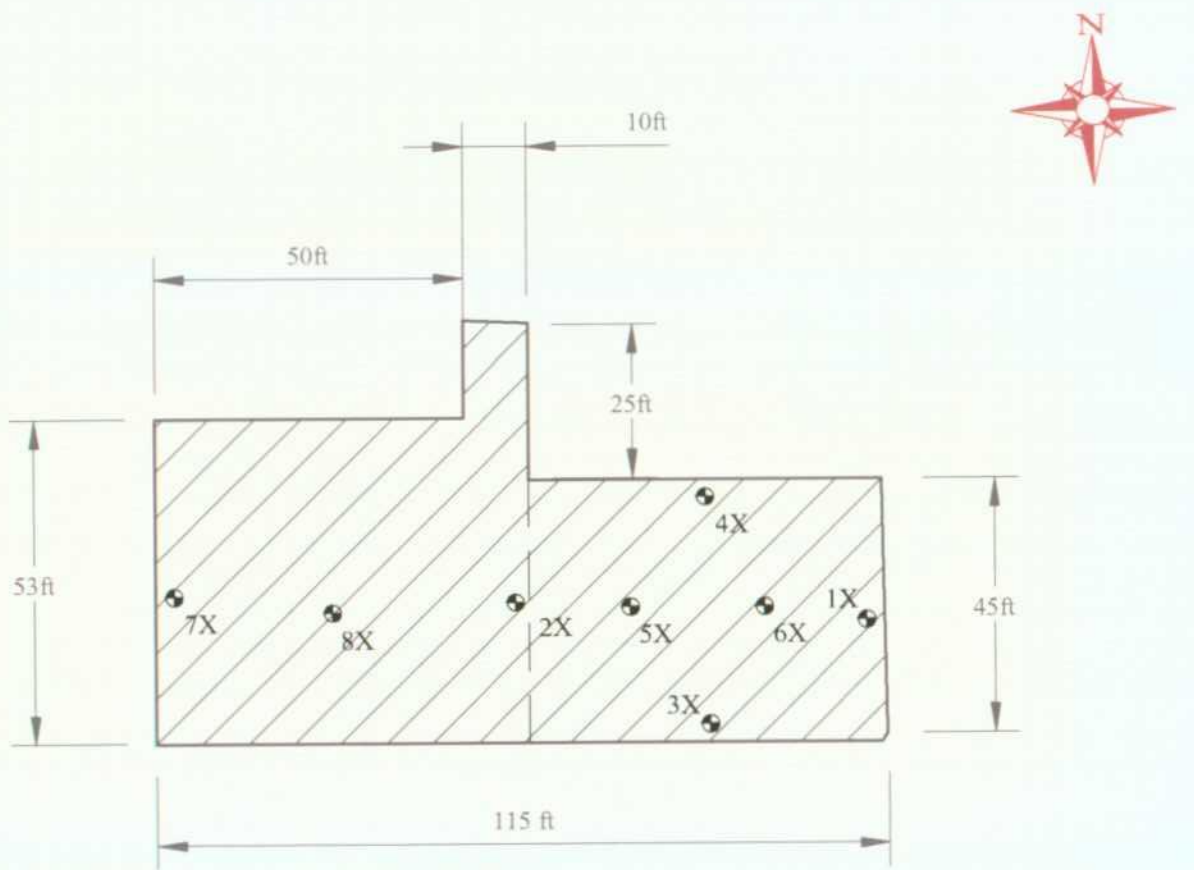


Aerial Photograph Courtesy of
United States Geological Survey
26 January 1996

SCALE

0' 200'

El Paso Natural Gas Washington Ranch Plant Eddy County, New Mexico	amec Earth & Environmental 301 N. Colorado, Ste. 350 Midland, Texas 79701	Site Plan		Figure No. 2
		Date Drawn: 12/19/02	Drawn By: MAE	Reviewed By: BW



LEGEND

Discrete Soil Sample Locations

1X East Wall
2X West Wall
3X South Wall
4X North Wall
5X West Bottom
6X East Bottom
7X West Wall (new excavation)
8X West Bottom (new excavation)

Figure is drawn to scale

El Paso Natural Gas Washington Ranch Plant Eddy County, New Mexico	amec Earth and Environmental 301 N. Colorado, Ste. 350 Midland, Texas	Excavation Limits and Sample Locations	Figure No. 3
		Date Drawn: December 20, 2002	Drawn By: MAE
			Reviewed By: BW

APPENDIX A

APPENDIX A

Project Correspondence

Bob Wilcox

From: Bob Wilcox [bob.wilcox@amec.com]
Sent: Wednesday, January 08, 2003 3:28 PM
To: bob.wilcox@amec.com
Subject: FW: Washington Ranch

-----Original Message-----
From: Martin, Ed [mailto:EMARTIN@state.nm.us]
Sent: Monday, December 09, 2002 8:05 AM
To: Bob Wilcox (E-mail)
Cc: Robert St. John (E-mail)
Subject: Washington Ranch

I have received your latest analyses of the soil at this site dated December 5, 2002. Based upon these and telephone conversation today, consider this e-mail authorization to commence back-fill operations at the site. I will be in that area next week, and will try to come by and take a look. If you have any questions, please contact me.

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

Bob Wilcox

From: Martin, Ed [EMARTIN@state.nm.us]
Sent: Tuesday, August 06, 2002 7:19 AM
To: Robert St. John (E-mail)
Cc: Bob Wilcox (E-mail)
Subject: Washington Ranch

Morning, Robert. I have received the closure plan from AMEC and all looks in order. I have spoken with Bob Wilcox and told him everything looks OK. Please consider this e-mail to you as authorization for AMEC to proceed with closure of the waste pit at Washington Ranch.

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

APPENDIX B

APPENDIX B

Project Photographs

El Paso Natural Gas Company
Waste Pit Closure Project
Washington Ranch Facility
Eddy County, New Mexico

Pit prior to excavation; view to the northeast

Excavated soils and miscellaneous
waste in staging area

El Paso Natural Gas Company
Waste Pit Closure Project
Washington Ranch Facility
Eddy County, New Mexico

Pit excavation operation

Pit excavation site control

El Paso Natural Gas Company
Waste Pit Closure Project
Washington Ranch Facility
Eddy County, New Mexico

View to the northwest of completed excavation

View to west showing excavation area

APPENDIX C

APPENDIX C

Analytical Laboratory Reports

Analytical and Quality Control Report

Bob Wilcox
AMEC
301 N. Colorado St Suite 350
Midland, Tx. 79701

Report Date: August 26, 2002

Order ID Number: A02081627

Project Number: 2-517-00308M
Project Name: Task 2 Pit Closure
Project Location: Washington Ranch

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
205442	Waste Composite	Soil	8/15/02	11:15	8/16/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Note: Samples will be disposed of 30 days from the report date unless the lab is contacted before the 30 days has past.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 205442 - Waste Composite

Analysis:	Corrosivity	Analytical Method:	S 1110	QC Batch:	QC23026	Date Analyzed:	8/23/02
Analyst:	JT	Preparation Method:	N/A	Prep Batch:	PB21639	Date Prepared:	8/23/02

Param	Flag	Result	Units	Dilution	RDL
Corrosivity		Non Corrosive	mm/yr	1	
pH		7.8	s.u.	1	

Sample: 205442 - Waste Composite

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC22991	Date Analyzed:	8/22/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB21621	Date Prepared:	8/22/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 205442 - Waste Composite

Analysis:	Ignitability	Analytical Method:	SW-846 Ch. 7.1	QC Batch:	QC23024	Date Analyzed:	8/23/02
Analyst:	JT	Preparation Method:		Prep Batch:	PB21638	Date Prepared:	8/23/02

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 205442 - Waste Composite

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC22823	Date Analyzed:	8/18/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB21452	Date Prepared:	8/16/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0184	mg/Kg	0.16	0.01	115	0 - 183

Sample: 205442 - Waste Composite

Analysis:	Reactivity	Analytical Method:	ASTM D 5049-90/4978-95	QC Batch:	QC23027	Date Analyzed:	8/23/02
Analyst:	JT	Preparation Method:	N/A	Prep Batch:	PB21640	Date Prepared:	8/23/02

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10	mg/Kg	1	
Hydrogen Cyanide		<2.5	mg/Kg	1	

Sample: 205442 - Waste Composite

Analysis:	Semivolatiles	Analytical Method:	S 8270C	QC Batch:	QC22953	Date Analyzed:	8/21/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB21583	Date Prepared:	8/20/02

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene (meta)		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 205442 Analysis: Semivolatiles

Param	Flag	Result	Units	Dilution	RDL
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Naphthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Naphthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		44.23	mg/Kg	1	80	55	25 - 121
Phenol-d5		50.56	mg/Kg	1	80	63	24 - 113
Nitrobenzene-d5		49.66	mg/Kg	1	80	62	23 - 120
2-Fluorobiphenyl		49.57	mg/Kg	1	80	61	30 - 115
2,4,6-Tribromophenol		54.14	mg/Kg	1	80	67	19 - 122
Terphenyl-d14		50.33	mg/Kg	1	80	62	28 - 137

Sample: 205442 - Waste Composite

Analysis: TPH DRO | Analytical Method: Mod. 8015B | QC Batch: QC22955 | Date Analyzed: 8/21/02
Analyst: BP | Preparation Method: 3550 B | Prep Batch: PB21586 | Date Prepared: 8/21/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		168	mg/Kg	1	150	112	70 - 130

Sample: 205442 - Waste Composite

Analysis: TPH GRO | Analytical Method: 8015B | QC Batch: QC22933 | Date Analyzed: 8/20/02
Analyst: CG | Preparation Method: 5035 | Prep Batch: PB21573 | Date Prepared: 8/20/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.865	mg/Kg	10	0.10	86	70 - 130
4-BFB		0.806	mg/Kg	10	0.10	81	70 - 130

Sample: 205442 - Waste Composite

Analysis: Total Metals | Analytical Method: S 6010B | QC Batch: QC23022 | Date Analyzed: 8/23/02
Analyst: RR | Preparation Method: S 3050B | Prep Batch: PB21618 | Date Prepared: 8/22/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.00	mg/Kg	100	0.05
Total Barium		102	mg/Kg	100	0.10
Total Cadmium		0.660	mg/Kg	100	0.005
Total Chromium		10.4	mg/Kg	100	0.01
Total Lead		7.16	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 205442 - Waste Composite

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC22874	Date Analyzed:	8/19/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21521	Date Prepared:	8/19/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<25.0	µg/Kg	25	1
Dichlorodifluoromethane		<25.0	µg/Kg	25	1
Chloromethane (methyl chloride)		<25.0	µg/Kg	25	1
Vinyl Chloride		<25.0	µg/Kg	25	1
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<25.0	µg/Kg	25	1
Trichlorofluoromethane		<25.0	µg/Kg	25	1
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<125	µg/Kg	25	5
Carbon Disulfide		<25.0	µg/Kg	25	1
Acrylonitrile		<25.0	µg/Kg	25	1
2-Butanone (MEK)		<125	µg/Kg	25	5
4-methyl-2-pentanone (MIBK)		<125	µg/Kg	25	5
2-hexanone		<125	µg/Kg	25	5
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<25.0	µg/Kg	25	1
Methylene chloride		<125	µg/Kg	25	5
MTBE		<25.0	µg/Kg	25	1
trans-1,2-Dichloroethene		<25.0	µg/Kg	25	1
1,1-Dichloroethane		<25.0	µg/Kg	25	1
cis-1,2-Dichloroethene		<25.0	µg/Kg	25	1
2,2-Dichloropropane		<25.0	µg/Kg	25	1
1,2-Dichloroethane (EDC)		<25.0	µg/Kg	25	1
Chloroform		<25.0	µg/Kg	25	1
1,1,1-Trichloroethane		<25.0	µg/Kg	25	1
1,1-Dichloropropene		<25.0	µg/Kg	25	1
Benzene		<25.0	µg/Kg	25	1
Carbon Tetrachloride		<25.0	µg/Kg	25	1
1,2-Dichloropropane		<25.0	µg/Kg	25	1
Trichloroethene (TCE)		<25.0	µg/Kg	25	1
Dibromomethane (methylene bromide)		<25.0	µg/Kg	25	1
Bromodichloromethane		<25.0	µg/Kg	25	1
2-Chloroethyl vinyl ether		<125	µg/Kg	25	5
cis-1,3-Dichloropropene		<25.0	µg/Kg	25	1
trans-1,3-Dichloropropene		<25.0	µg/Kg	25	1
Toluene		<25.0	µg/Kg	25	1
1,1,2-Trichloroethane		<25.0	µg/Kg	25	1
1,3-Dichloropropane		<25.0	µg/Kg	25	1
Dibromochloromethane		<25.0	µg/Kg	25	1
1,2-Dibromoethane (EDB)		<25.0	µg/Kg	25	1
Tetrachloroethene (PCE)		<25.0	µg/Kg	25	1
Chlorobenzene		<25.0	µg/Kg	25	1
1,1,1,2-Tetrachloroethane		<25.0	µg/Kg	25	1
Ethylbenzene		<25.0	µg/Kg	25	1
m,p-Xylene		<25.0	µg/Kg	25	1
Bromoform		<25.0	µg/Kg	25	1
Styrene		<25.0	µg/Kg	25	1
o-Xylene		<25.0	µg/Kg	25	1
1,1,2,2-Tetrachloroethane		<25.0	µg/Kg	25	1
2-Chlorotoluene		<25.0	µg/Kg	25	1

Continued ...

... *Continued* Sample: 205442 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
1,2,3-Trichloropropane		<25.0	µg/Kg	25	1
Isopropylbenzene		<25.0	µg/Kg	25	1
Bromobenzene		<25.0	µg/Kg	25	1
n-Propylbenzene		<25.0	µg/Kg	25	1
1,3,5-Trimethylbenzene		<25.0	µg/Kg	25	1
tert-Butylbenzene		<25.0	µg/Kg	25	1
1,2,4-Trimethylbenzene		<25.0	µg/Kg	25	1
1,4-Dichlorobenzene (para)		<25.0	µg/Kg	25	1
sec-Butylbenzene		<25.0	µg/Kg	25	1
1,3-Dichlorobenzene (meta)		<25.0	µg/Kg	25	1
p-Isopropyltoluene		<25.0	µg/Kg	25	1
4-Chlorotoluene		<25.0	µg/Kg	25	1
1,2-Dichlorobenzene (ortho)		<25.0	µg/Kg	25	1
n-Butylbenzene		<25.0	µg/Kg	25	1
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<125	µg/Kg	25	5
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		44.5	µg/Kg	1	50	89	70 - 130
Toluene-d8		48.3	µg/Kg	1	50	96	70 - 130
4-Bromofluorobenzene		47.1	µg/Kg	1	50	94	70 - 130

Quality Control Report
Method Blank

Method Blank

QCBatch: QC22823

Param	Flag	Results	Units	Reporting Limit
PCB		<0.004	mg/Kg	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0192	mg/Kg	1	0.01	120	0 - 183

Method Blank

QCBatch: QC22874

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<25.0	µg/Kg	1
Dichlorodifluoromethane		<25.0	µg/Kg	1
Chloromethane (methyl chloride)		<25.0	µg/Kg	1
Vinyl Chloride		<25.0	µg/Kg	1
Bromomethane (methyl bromide)		<125	µg/Kg	5
Chloroethane		<25.0	µg/Kg	1
Trichlorofluoromethane		<25.0	µg/Kg	1
Acetone		<250	µg/Kg	10
Iodomethane (methyl iodide)		<125	µg/Kg	5
Carbon Disulfide		<25.0	µg/Kg	1
Acrylonitrile		<25.0	µg/Kg	1
2-Butanone (MEK)		<125	µg/Kg	5
4-methyl-2-pentanone (MIBK)		<125	µg/Kg	5
2-hexanone		<125	µg/Kg	5
trans 1,4-Dichloro-2-butene		<250	µg/Kg	10
1,1-Dichloroethene		<25.0	µg/Kg	1
Methylene chloride		<125	µg/Kg	5
MTBE		<25.0	µg/Kg	1
trans-1,2-Dichloroethene		<25.0	µg/Kg	1
1,1-Dichloroethane		<25.0	µg/Kg	1
cis-1,2-Dichloroethene		<25.0	µg/Kg	1
2,2-Dichloropropane		<25.0	µg/Kg	1
1,2-Dichloroethane (EDC)		<25.0	µg/Kg	1
Chloroform		<25.0	µg/Kg	1
1,1,1-Trichloroethane		<25.0	µg/Kg	1
1,1-Dichloropropene		<25.0	µg/Kg	1

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Param	Flag	Results	Units	Reporting Limit
Benzene		<25.0	µg/Kg	1
Carbon Tetrachloride		<25.0	µg/Kg	1
1,2-Dichloropropane		<25.0	µg/Kg	1
Trichloroethene (TCE)		<25.0	µg/Kg	1
Dibromomethane (methylene bromide)		<25.0	µg/Kg	1
Bromodichloromethane		<25.0	µg/Kg	1
2-Chloroethyl vinyl ether		<125	µg/Kg	5
cis-1,3-Dichloropropene		<25.0	µg/Kg	1
trans-1,3-Dichloropropene		<25.0	µg/Kg	1
Toluene		<25.0	µg/Kg	1
1,1,2-Trichloroethane		<25.0	µg/Kg	1
1,3-Dichloropropane		<25.0	µg/Kg	1
Dibromochloromethane		<25.0	µg/Kg	1
1,2-Dibromoethane (EDB)		<25.0	µg/Kg	1
Tetrachloroethene (PCE)		<25.0	µg/Kg	1
Chlorobenzene		<25.0	µg/Kg	1
1,1,1,2-Tetrachloroethane		<25.0	µg/Kg	1
Ethylbenzene		<25.0	µg/Kg	1
m,p-Xylene		<25.0	µg/Kg	1
Bromoform		<25.0	µg/Kg	1
Styrene		<25.0	µg/Kg	1
o-Xylene		<25.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		<25.0	µg/Kg	1
2-Chlorotoluene		<25.0	µg/Kg	1
1,2,3-Trichloropropane		<25.0	µg/Kg	1
Isopropylbenzene		<25.0	µg/Kg	1
Bromobenzene		<25.0	µg/Kg	1
n-Propylbenzene		<25.0	µg/Kg	1
1,3,5-Trimethylbenzene		<25.0	µg/Kg	1
tert-Butylbenzene		<25.0	µg/Kg	1
1,2,4-Trimethylbenzene		<25.0	µg/Kg	1
1,4-Dichlorobenzene (para)		<25.0	µg/Kg	1
sec-Butylbenzene		<25.0	µg/Kg	1
1,3-Dichlorobenzene (meta)		<25.0	µg/Kg	1
p-Isopropyltoluene		<25.0	µg/Kg	1
4-Chlorotoluene		<25.0	µg/Kg	1
1,2-Dichlorobenzene (ortho)		<25.0	µg/Kg	1
n-Butylbenzene		<25.0	µg/Kg	1
1,2-Dibromo-3-chloropropane		<125	µg/Kg	5
1,2,3-Trichlorobenzene		<125	µg/Kg	5
1,2,4-Trichlorobenzene		<125	µg/Kg	5
Naphthalene		<125	µg/Kg	5
Hexachlorobutadiene		<125	µg/Kg	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		42.9	µg/Kg	1	50	86	70 - 130
Toluene-d8		48.8	µg/Kg	1	50	98	70 - 130
4-Bromofluorobenzene		46.3	µg/Kg	1	50	93	70 - 130

Method Blank

QCBatch: QC22933

Param	Flag	Results	Units	Reporting Limit
GRO		<1	mg/Kg	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.03	mg/Kg	10	0.10	103	70 - 130
4-BFB		0.925	mg/Kg	10	0.10	92	70 - 130

Method Blank

QCBatch: QC22953

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.25	mg/Kg	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	0.25
2-Picoline		<0.25	mg/Kg	0.25
Methyl methanesulfonate		<0.25	mg/Kg	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	0.25
Phenol		<0.25	mg/Kg	0.25
Aniline		<0.25	mg/Kg	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	0.25
2-Chlorophenol		<0.25	mg/Kg	0.25
1,3-Dichlorobenzene (meta)		<0.25	mg/Kg	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	0.25
Benzyl alcohol		<0.25	mg/Kg	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	0.25
2-Methylphenol		<0.25	mg/Kg	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	0.25
Acetophenone		<0.25	mg/Kg	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	0.25
Hexachloroethane		<0.25	mg/Kg	0.25
Nitrobenzene		<0.25	mg/Kg	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	0.25
Isophorone		<0.25	mg/Kg	0.25
2-Nitrophenol		<0.25	mg/Kg	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	0.25
Benzoic acid		<0.25	mg/Kg	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	0.25
Naphthalene		<0.25	mg/Kg	0.25
4-Chloroaniline		<0.25	mg/Kg	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	0.25
Hexachlorobutadiene		<0.25	mg/Kg	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	0.25
1-Methylnaphthalene		<0.25	mg/Kg	0.25
2-Methylnaphthalene		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	0.25
2-Chloronaphthalene		<0.25	mg/Kg	0.25
1-Chloronaphthalene		<0.25	mg/Kg	0.25
2-Nitroaniline		<0.25	mg/Kg	0.25
Dimethylphthalate		<0.25	mg/Kg	0.25
Acenaphthylene		<0.25	mg/Kg	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	0.25
3-Nitroaniline		<0.25	mg/Kg	0.25
Acenaphthene		<0.25	mg/Kg	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	0.25
Dibenzofuran		<0.25	mg/Kg	0.25
Pentachlorobenzene		<0.25	mg/Kg	0.25
4-Nitrophenol		<0.25	mg/Kg	0.25
1-Naphthylamine		<0.25	mg/Kg	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	0.25
2-Naphthylamine		<0.25	mg/Kg	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	0.25
Fluorene		<0.25	mg/Kg	0.25
Diethylphthalate		<0.25	mg/Kg	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	0.25
4-Nitroaniline		<0.25	mg/Kg	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	0.25
Diphenylamine		<0.25	mg/Kg	0.25
Diphenylhydrazine		<0.25	mg/Kg	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	0.25
Phenacetin		<0.25	mg/Kg	0.25
Hexachlorobenzene		<0.25	mg/Kg	0.25
4-Aminobiphenyl		<0.25	mg/Kg	0.25
Pentachlorophenol		<0.25	mg/Kg	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	0.25
Pronamide		<0.25	mg/Kg	0.25
Phenanthrene		<0.25	mg/Kg	0.25
Anthracene		<0.25	mg/Kg	0.25
Di-n-butylphthalate		<0.25	mg/Kg	0.25
Fluoranthene		<0.25	mg/Kg	0.25
Benzidine		<0.25	mg/Kg	0.25
Pyrene		<0.25	mg/Kg	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	0.25
Butylbenzylphthalate		<0.25	mg/Kg	0.25
Benzo(a)anthracene		<0.25	mg/Kg	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	0.25
Chrysene		<0.25	mg/Kg	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	0.25
Di-n-octylphthalate		<0.25	mg/Kg	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	0.25
Benzo(a)pyrene		<0.25	mg/Kg	0.25
3-Methylcholanthrene		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
Dibenzo(a,j)acridine		<0.25	mg/Kg	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	0.25

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		53.18	mg/Kg	1	80	66	25 - 121
Phenol-d5		56.42	mg/Kg	1	80	70	24 - 113
Nitrobenzene-d5		59.99	mg/Kg	1	80	74	23 - 120
2-Fluorobiphenyl		58.23	mg/Kg	1	80	72	30 - 115
2,4,6-Tribromophenol		54.17	mg/Kg	1	80	67	19 - 122
Terphenyl-d14		57.89	mg/Kg	1	80	72	28 - 137

Method Blank

QCBatch: QC22955

Param	Flag	Results	Units	Reporting Limit
DRO		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		147	mg/Kg	1	150	102	70 - 130

Method Blank

QCBatch: QC22991

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Method Blank

QCBatch: QC23022

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<5.00	mg/Kg	0.05
Total Barium		<10.0	mg/Kg	0.10
Total Cadmium		<0.500	mg/Kg	0.005
Total Chromium		<1.00	mg/Kg	0.01
Total Lead		<1.00	mg/Kg	0.01
Total Selenium		1.78	mg/Kg	0.01
Total Silver		<0.200	mg/Kg	0.002

Duplicate Samples

Duplicate

QCBatch: QC23024

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Ignitability		Non-Ignitable	non-ignitable		1	0	20

Duplicate

QCBatch: QC23026

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Corrosivity		Non Corrosive	Non Corrosive	mm/yr	1	0	20
pH		7.8	7.8	s.u.	1	0	0

Duplicate

QCBatch: QC23027

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Reactivity		Non-Reactive	Non-reactive		1	0	20
Hydrogen Sulfide		<10	<10	mg/Kg	1	0	20
Hydrogen Cyanide		<2.5	<2.5	mg/Kg	1	0	20

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC22823

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0584	0.0561	mg/Kg	1	0.06	<0.004	91	4	55 - 161	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0190	0.0188	mg/Kg	1	0.01	118	117	0 - 183

Laboratory Control Spikes

QCBatch: QC22874

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,1-Dichloroethene	2360	2350	µg/Kg	1	2500	<25.0	94	0	70 - 130	20

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Benzene	2430	2450	µg/Kg	1	2500	<25.0	97	0	70 - 130	20
Trichloroethene (TCE)	2350	2370	µg/Kg	1	2500	<25.0	94	0	70 - 130	20
Toluene	2470	2470	µg/Kg	1	2500	<25.0	98	0	70 - 130	20
Chlorobenzene	2380	2400	µg/Kg	1	2500	<25.0	95	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Dibromofluoromethane	44.7	44.5	µg/Kg	1	50	89	89	70 - 130
Toluene-d8	49.0	48.2	µg/Kg	1	50	98	96	70 - 130
4-Bromofluorobenzene	47.4	46.9	µg/Kg	1	50	94	93	70 - 130

Laboratory Control Spikes

QCBatch: QC22933

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	11.6	11.7	mg/Kg	10	1	<1	116	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	1.15	1.18	mg/Kg	10	0.10	115	118	70 - 130
4-BFB	1.05	1.07	mg/Kg	10	0.10	105	107	70 - 130

Laboratory Control Spikes

QCBatch: QC22953

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Phenol	50.63	49.67	mg/Kg	1	80	<0.25	63	1	29 - 170	20
2-Chlorophenol	50.42	49.96	mg/Kg	1	80	<0.25	63	0	30 - 68	20
1,4-Dichlorobenzene	53.47	52.82	mg/Kg	1	80	<0.25	66	1	32 - 62	20
n-Nitrosodi-n-propylamine	57.66	55.53	mg/Kg	1	80	<0.25	72	3	28 - 77	20
1,2,4-Trichlorobenzene	53.00	52.92	mg/Kg	1	80	<0.25	66	0	32 - 65	20
4-Chloro-3-methylphenol	54.43	52.38	mg/Kg	1	80	<0.25	68	2	27 - 81	20
Acenaphthene	54.99	53.18	mg/Kg	1	80	<0.25	68	3	40 - 73	20
4-Nitrophenol	47.15	45.31	mg/Kg	1	80	<0.25	58	3	0 - 127	20
2,4-Dinitrotoluene	58.86	57.72	mg/Kg	1	80	<0.25	73	1	27 - 96	20
Pentachlorophenol	43.93	42.32	mg/Kg	1	80	<0.25	54	3	0 - 100	20
Pyrene	55.62	57.17	mg/Kg	1	80	<0.25	69	2	16 - 101	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
2-Fluorophenol	51.39	51.38	mg/Kg	1	80	64	64	25 - 121
Phenol-d5	56.31	55.53	mg/Kg	1	80	70	69	24 - 113

Continued ...

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Nitrobenzene-d5	57.76	56.81	mg/Kg	1	80	72	71	23 - 120
2-Fluorobiphenyl	56.54	55.32	mg/Kg	1	80	70	69	30 - 115
2,4,6-Tribromophenol	54.85	53.31	mg/Kg	1	80	68	66	19 - 122
Terphenyl-d14	59.4	60.45	mg/Kg	1	80	74	75	28 - 137

Laboratory Control Spikes

QCBatch: QC22955

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	225	207	mg/Kg	1	250	<50.0	90	8	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Triacontane	146	138	mg/Kg	1	150	97	92	70 - 130

Laboratory Control Spikes

QCBatch: QC22991

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	2.38	2.45	mg/Kg	1	2.50	<0.19	95	2	88 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC23022

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	43.9	46.7	mg/Kg	100	50	<5.00	87	6	75 - 125	20
Total Barium	91.7	95.7	mg/Kg	100	100	<10.0	91	4	75 - 125	20
Total Cadmium	22.0	23.1	mg/Kg	100	25	<0.500	88	4	75 - 125	20
Total Chromium	8.76	9.19	mg/Kg	100	10	<1.00	87	4	75 - 125	20
Total Lead	43.3	45.2	mg/Kg	100	50	<1.00	86	4	75 - 125	20
Total Selenium	37.1	37.6	mg/Kg	100	50	1.78	74	1	75 - 125	20
Total Silver	10.9	11.5	mg/Kg	100	12.50	<0.200	87	5	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC22823

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0514	0.0534	mg/Kg	1	0.06	<0.004	80	3	0 - 203	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0170	0.0170	mg/Kg	1	0.01	106	106	0 - 183

Matrix Spikes

QCBatch: QC22874

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,1-Dichloroethene	2340	2530	µg/Kg	1	2500	<25.0	93	7	80 - 120	20
Benzene	2420	2560	µg/Kg	1	2500	<25.0	96	5	80 - 120	20
Trichloroethene (TCE)	2330	2480	µg/Kg	1	2500	<25.0	93	6	80 - 120	20
Toluene	2480	2610	µg/Kg	1	2500	<25.0	99	5	81 - 113	20
Chlorobenzene	2370	2510	µg/Kg	1	2500	<25.0	94	5	91 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
Dibromofluoromethane	44.0	43.9	µg/Kg	1	50	88	88	70 - 130
Toluene-d8	47.2	47.5	µg/Kg	1	50	94	95	70 - 130
4-Bromofluorobenzene	47.6	47.7	µg/Kg	1	50	95	95	70 - 130

Matrix Spikes

QCBatch: QC22933

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	9.99	11.3	mg/Kg	10	1	<1	100	12	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
TFT	1.07	1.16	mg/Kg	10	0.10	107	116	70 - 130
4-BFB	0.862	0.918	mg/Kg	10	0.10	86	92	70 - 130

Matrix Spikes

QCBatch: QC22955

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	265	266	mg/Kg	1	250	53.6	106	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
n-Triacontane	154	156	mg/Kg	1	150	103	104	70 - 130

Matrix Spikes

QCBatch: QC22991

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	2.87	2.92	mg/Kg	1	2.50	0.41	98	2	45 - 157	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC23022

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	50.6	50.4	mg/Kg	100	50	<5.00	101	0	75 - 125	20
Total Barium	248	249	mg/Kg	100	100	149	98	1	75 - 125	20
Total Cadmium	24.7	25.1	mg/Kg	100	25	3.28	85	1	75 - 125	20
Total Chromium	16.0	16.1	mg/Kg	100	10	5.73	102	0	75 - 125	20
Total Lead	72.3	75.4	mg/Kg	100	50	23.8	96	6	75 - 125	20
Total Selenium	37.1	38.6	mg/Kg	100	50	<1.00	74	3	75 - 125	20
Total Silver	11.6	11.6	mg/Kg	100	12.50	<0.200	92	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC22823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.40	100	85 - 115	8/18/02

CCV (2)

QCBatch: QC22823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.39	97	85 - 115	8/18/02

ICV (1) QCBatch: QC22823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.36	90	85 - 115	8/18/02

CCV (1) QCBatch: QC22874

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/Kg	50	48.0	96	80 - 120	8/19/02
1,1-Dichloroethene		µg/Kg	50	51.0	102	80 - 120	8/19/02
Chloroform		µg/Kg	50	49.0	98	80 - 120	8/19/02
1,2-Dichloropropane		µg/Kg	50	50.0	100	80 - 120	8/19/02
Toluene		µg/Kg	50	52.0	104	80 - 120	8/19/02
Chlorobenzene		µg/Kg	50	50.0	100	80 - 120	8/19/02
Ethylbenzene		µg/Kg	50	51.0	102	80 - 120	8/19/02
Dibromofluoromethane		µg/Kg	50	46.6	93	80 - 120	8/19/02
Toluene-d8		µg/Kg	50	47.4	95	80 - 120	8/19/02
4-Bromofluorobenzene		µg/Kg	50	49.8	100	80 - 120	8/19/02

CCV (1) QCBatch: QC22933

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.03	103	85 - 115	8/20/02

ICV (1) QCBatch: QC22933

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.13	113	85 - 115	8/20/02

CCV (1) QCBatch: QC22953

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/Kg	60	61.2	102	80 - 120	8/21/02
1,4-Dichlorobenzene		mg/Kg	60	60.79	101	80 - 120	8/21/02
2-Nitrophenol		mg/Kg	60	65.28	108	80 - 120	8/21/02
2,4-Dichlorophenol		mg/Kg	60	61.96	103	80 - 120	8/21/02
Hexachlorobutadiene		mg/Kg	60	62.27	103	80 - 120	8/21/02
4-Chloro-3-methylphenol		mg/Kg	60	61.95	103	80 - 120	8/21/02
2,4,6-Trichlorophenol		mg/Kg	60	67.41	112	80 - 120	8/21/02
Acenaphthene		mg/Kg	60	60.66	101	80 - 120	8/21/02
Diphenylamine		mg/Kg	60	59.56	99	80 - 120	8/21/02
Pentachlorophenol		mg/Kg	60	70.79	117	80 - 120	8/21/02
Fluoranthene		mg/Kg	60	66.48	110	80 - 120	8/21/02
Di-n-octylphthalate		mg/Kg	60	54.37	90	80 - 120	8/21/02
Benzo(a)pyrene		mg/Kg	60	58.65	97	80 - 120	8/21/02
2-Fluorophenol		mg/Kg	60	63.27	105	80 - 120	8/21/02
Phenol-d5		mg/Kg	60	62.97	104	80 - 120	8/21/02
Nitrobenzene-d5		mg/Kg	60	65.48	109	80 - 120	8/21/02
2-Fluorobiphenyl		mg/Kg	60	62.27	103	80 - 120	8/21/02
2,4,6-Tribromophenol		mg/Kg	60	58.99	98	80 - 120	8/21/02
Terphenyl-d14		mg/Kg	60	62.13	103	80 - 120	8/21/02

CCV (1)

QCBatch: QC22955

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	242	96	75 - 125	8/21/02

CCV (2)

QCBatch: QC22955

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	254	101	75 - 125	8/21/02

ICV (1)

QCBatch: QC22955

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	245	98	75 - 125	8/21/02

CCV (1)

QCBatch: QC22991

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00445	89	80 - 120	8/22/02

ICV (1)

QCBatch: QC22991

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00495	99	80 - 120	8/22/02

CCV (1)

QCBatch: QC23022

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	1.00	100	90 - 110	8/23/02
Total Barium		mg/Kg	2	1.97	98	90 - 110	8/23/02
Total Cadmium		mg/Kg	0.50	0.496	99	90 - 110	8/23/02
Total Chromium		mg/Kg	0.20	0.198	99	90 - 110	8/23/02
Total Lead		mg/Kg	1	0.993	99	90 - 110	8/23/02
Total Selenium		mg/Kg	1	0.988	98	90 - 110	8/23/02
Total Silver		mg/Kg	0.25	0.243	97	90 - 110	8/23/02

ICV (1)

QCBatch: QC23022

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	0.985	98	95 - 105	8/23/02
Total Barium		mg/Kg	2	1.95	98	95 - 105	8/23/02
Total Cadmium		mg/Kg	0.50	0.491	98	95 - 105	8/23/02
Total Chromium		mg/Kg	0.20	0.196	98	95 - 105	8/23/02
Total Lead		mg/Kg	1	0.981	98	95 - 105	8/23/02
Total Selenium		mg/Kg	1	0.986	98	95 - 105	8/23/02
Total Silver		mg/Kg	0.25	0.243	97	95 - 105	8/23/02

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TraceAnalysis, Inc.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0208162

Company Name: AMEC
Phone #: 915 686-1978
Address: (Street, City, Zip) 301 N. Colorado
Fax #: 915 683-8911
Contact Person: Bob Wilcox
Invoice to: (If different from above)
Project #: 2-517-00308M
Project Name: Task 2 Pit Closure
Project Location: Washington Ranch
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
205442	Waste Composite	2	4oz		✓							✓		8/15/02	11:15

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B[redacted]	GC/MS Semi. Vol. 8270C[redacted]	PCB's 8082[redacted]	Pesticides 8081A/608	BOD, TSS, pH	TPH-DRO 8015	RCRA 8 6010B + Hg	Turn Around Time if different from standard	Hold
205442										✓	✓	✓	✓			✓	✓		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	8/15/02				
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Vicki [signature]	8/16/02	10:00

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp -1 °
Log-in Review [initials]

REMARKS:
8/23
8/26 F/P

☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound GLI 163-566-5636

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Bob Wilcox
AMEC
301 N. Colorado St Suite 350
Midland, Tx. 79701

Report Date: September 12, 2002

Order ID Number: A02082919

Project Number: 251700308M Task 3
Project Name: EPNG Washington Ranch
Project Location: Eddy Co,NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
206770	East Wall	Soil	8/28/02	11:00	8/29/02
206771	West Wall	Soil	8/28/02	11:05	8/29/02
206772	South Wall	Soil	8/28/02	11:10	8/29/02
206773	North Wall	Soil	8/28/02	11:15	8/29/02
206774	West Bottom	Soil	8/28/02	11:20	8/29/02
206775	East Bottom	Soil	8/28/02	11:25	8/29/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Note: Samples will be disposed of 30 days from the report date unless the lab is contacted before the 30 days has past.

Dr. Blair Leftwich, Director

Sample: 206770 - East Wall

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC23487	Date Analyzed:	9/11/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB22003	Date Prepared:	9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 206770 - East Wall

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC23237	Date Analyzed:	8/30/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB21804	Date Prepared:	8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0143	mg/Kg	0.16	0.01	89	0 - 183

Sample: 206770 - East Wall

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC23353	Date Analyzed:	9/5/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB21897	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		23.1	mg/Kg	1	150	111	70 - 130

Sample: 206770 - East Wall

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC23481	Date Analyzed:	9/11/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB21877	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.00	mg/Kg	100	0.05
Total Barium		132	mg/Kg	100	0.10
Total Cadmium		0.724	mg/Kg	100	0.005
Total Chromium		8.60	mg/Kg	100	0.01
Total Lead		5.86	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01

Continued ...

... *Continued* Sample: 206770 Analysis: Total Metals

Param	Flag	Result	Units	Dilution	RDL
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206770 - East Wall

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC23372	Date Analyzed:	9/5/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21916	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE		<10.0	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206770 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		37.7	µg/Kg	1	50	75	70 - 130
Toluene-d8		47.9	µg/Kg	1	50	95	70 - 130
4-Bromofluorobenzene		51.4	µg/Kg	1	50	102	70 - 130

Sample: 206771 - West Wall

Analysis: Hg, Total | Analytical Method: S 7471A | QC Batch: QC23487 | Date Analyzed: 9/11/02
Analyst: BC | Preparation Method: N/A | Prep Batch: PB22003 | Date Prepared: 9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		1.70	mg/Kg	1	0.19

Sample: 206771 - West Wall

Analysis: PCB | Analytical Method: 8082 | QC Batch: QC23237 | Date Analyzed: 8/30/02
Analyst: AG | Preparation Method: 3550 | Prep Batch: PB21804 | Date Prepared: 8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004

Continued ...

... *Continued* Sample: 206771 Analysis: PCB

Param	Flag	Result	Units	Dilution	RDL
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0084	mg/Kg	0.16	0.01	52	0 - 183

Sample: 206771 - West Wall

Analysis: TPH DRO | Analytical Method: Mod. 8015B | QC Batch: QC23353 | Date Analyzed: 9/5/02
Analyst: BP | Preparation Method: 3550 B | Prep Batch: PB21897 | Date Prepared: 9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		2510	mg/Kg	10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[1]	277	mg/Kg	10	150	312	70 - 130

Sample: 206771 - West Wall

Analysis: Total Metals | Analytical Method: S 6010B | QC Batch: QC23481 | Date Analyzed: 9/11/02
Analyst: RR | Preparation Method: S 3050B | Prep Batch: PB21877 | Date Prepared: 9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		9.30	mg/Kg	100	0.05
Total Barium		137	mg/Kg	100	0.10
Total Cadmium		1.18	mg/Kg	100	0.005
Total Chromium		8.31	mg/Kg	100	0.01
Total Lead		21.6	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206771 - West Wall

Analysis: Volatiles | Analytical Method: S 8260B | QC Batch: QC23372 | Date Analyzed: 9/5/02
Analyst: JG | Preparation Method: E 5030B | Prep Batch: PB21916 | Date Prepared: 9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50.0	µg/Kg	50	1
Dichlorodifluoromethane		<50.0	µg/Kg	50	1
Chloromethane (methyl chloride)		<50.0	µg/Kg	50	1
Vinyl Chloride		<50.0	µg/Kg	50	1
Bromomethane (methyl bromide)		<250	µg/Kg	50	5

Continued ...

[1]Surrogate recovery out of limits due to peak interfernces.

... *Continued* Sample: 206771 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
Chloroethane		<50.0	µg/Kg	50	1
Trichlorofluoromethane		<50.0	µg/Kg	50	1
Acetone		<500	µg/Kg	50	10
Iodomethane (methyl iodide)		<250	µg/Kg	50	5
Carbon Disulfide		<50.0	µg/Kg	50	1
Acrylonitrile		<50.0	µg/Kg	50	1
2-Butanone (MEK)		<250	µg/Kg	50	5
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	50	5
2-hexanone		<250	µg/Kg	50	5
trans 1,4-Dichloro-2-butene		<500	µg/Kg	50	10
1,1-Dichloroethene		<50.0	µg/Kg	50	1
Methylene chloride		<250	µg/Kg	50	5
MTBE		<50.0	µg/Kg	50	1
trans-1,2-Dichloroethene		<50.0	µg/Kg	50	1
1,1-Dichloroethane		<50.0	µg/Kg	50	1
cis-1,2-Dichloroethene		<50.0	µg/Kg	50	1
2,2-Dichloropropane		<50.0	µg/Kg	50	1
1,2-Dichloroethane (EDC)		<50.0	µg/Kg	50	1
Chloroform		<50.0	µg/Kg	50	1
1,1,1-Trichloroethane		<50.0	µg/Kg	50	1
1,1-Dichloropropene		<50.0	µg/Kg	50	1
Benzene		<50.0	µg/Kg	50	1
Carbon Tetrachloride		<50.0	µg/Kg	50	1
1,2-Dichloropropane		<50.0	µg/Kg	50	1
Trichloroethene (TCE)		<50.0	µg/Kg	50	1
Dibromomethane (methylene bromide)		<50.0	µg/Kg	50	1
Bromodichloromethane		<50.0	µg/Kg	50	1
2-Chloroethyl vinyl ether		<250	µg/Kg	50	5
cis-1,3-Dichloropropene		<50.0	µg/Kg	50	1
trans-1,3-Dichloropropene		<50.0	µg/Kg	50	1
Toluene		83.2	µg/Kg	50	1
1,1,2-Trichloroethane		<50.0	µg/Kg	50	1
1,3-Dichloropropane		<50.0	µg/Kg	50	1
Dibromochloromethane		<50.0	µg/Kg	50	1
1,2-Dibromoethane (EDB)		<50.0	µg/Kg	50	1
Tetrachloroethene (PCE)		<50.0	µg/Kg	50	1
Chlorobenzene		<50.0	µg/Kg	50	1
1,1,1,2-Tetrachloroethane		<50.0	µg/Kg	50	1
Ethylbenzene		57.4	µg/Kg	50	1
m,p-Xylene		353	µg/Kg	50	1
Bromoform		<50.0	µg/Kg	50	1
Styrene		<50.0	µg/Kg	50	1
o-Xylene		127	µg/Kg	50	1
1,1,2,2-Tetrachloroethane		<50.0	µg/Kg	50	1
2-Chlorotoluene		<50.0	µg/Kg	50	1
1,2,3-Trichloropropane		<50.0	µg/Kg	50	1
Isopropylbenzene		88.9	µg/Kg	50	1
Bromobenzene		<50.0	µg/Kg	50	1
n-Propylbenzene		82.4	µg/Kg	50	1
1,3,5-Trimethylbenzene		263	µg/Kg	50	1
tert-Butylbenzene		<50.0	µg/Kg	50	1
1,2,4-Trimethylbenzene		518	µg/Kg	50	1
1,4-Dichlorobenzene (para)		<50.0	µg/Kg	50	1

Continued ...

... *Continued* Sample: 206771 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
sec-Butylbenzene		102	µg/Kg	50	1
1,3-Dichlorobenzene (meta)		<50.0	µg/Kg	50	1
p-Isopropyltoluene		86.0	µg/Kg	50	1
4-Chlorotoluene		<50.0	µg/Kg	50	1
1,2-Dichlorobenzene (ortho)		<50.0	µg/Kg	50	1
n-Butylbenzene		116	µg/Kg	50	1
1,2-Dibromo-3-chloropropane		<250	µg/Kg	50	5
1,2,3-Trichlorobenzene		<250	µg/Kg	50	5
1,2,4-Trichlorobenzene		<250	µg/Kg	50	5
Naphthalene		<250	µg/Kg	50	5
Hexachlorobutadiene		<250	µg/Kg	50	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		42.5	µg/Kg	1	50	85	70 - 130
Toluene-d8		49.9	µg/Kg	1	50	99	70 - 130
4-Bromofluorobenzene		51.9	µg/Kg	1	50	103	70 - 130

Sample: 206772 - South Wall

Analysis: Hg, Total | Analytical Method: S 7471A | QC Batch: QC23487 | Date Analyzed: 9/11/02
Analyst: BC | Preparation Method: N/A | Prep Batch: PB22003 | Date Prepared: 9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 206772 - South Wall

Analysis: PCB | Analytical Method: 8082 | QC Batch: QC23237 | Date Analyzed: 8/30/02
Analyst: AG | Preparation Method: 3550 | Prep Batch: PB21804 | Date Prepared: 8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0087	mg/Kg	0.16	0.01	54	0 - 183

Sample: 206772 - South Wall

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC23353	Date Analyzed:	9/5/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB21897	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		22.4	mg/Kg	1	150	110	70 - 130

Sample: 206772 - South Wall

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC23481	Date Analyzed:	9/11/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB21877	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.00	mg/Kg	100	0.05
Total Barium		29.5	mg/Kg	100	0.10
Total Cadmium		0.688	mg/Kg	100	0.005
Total Chromium		9.89	mg/Kg	100	0.01
Total Lead		5.39	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206772 - South Wall

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC23372	Date Analyzed:	9/5/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21916	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE		<10.0	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206772 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		40.1	µg/Kg	1	50	80	70 - 130

Continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Toluene-d8		50.1	µg/Kg	1	50	100	70 - 130
4-Bromofluorobenzene		50.6	µg/Kg	1	50	101	70 - 130

Sample: 206773 - North Wall

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC23487	Date Analyzed:	9/11/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB22003	Date Prepared:	9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 206773 - North Wall

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC23237	Date Analyzed:	8/30/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB21804	Date Prepared:	8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0116	mg/Kg	0.16	0.01	72	0 - 183

Sample: 206773 - North Wall

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC23353	Date Analyzed:	9/5/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB21897	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		21.8	mg/Kg	1	150	108	70 - 130

Sample: 206773 - North Wall

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC23481	Date Analyzed:	9/11/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB21877	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		7.27	mg/Kg	100	0.05
Total Barium		91.5	mg/Kg	100	0.10
Total Cadmium		0.757	mg/Kg	100	0.005
Total Chromium		9.87	mg/Kg	100	0.01
Total Lead		7.81	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206773 - North Wall

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC23372	Date Analyzed:	9/5/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21916	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE		<10.0	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206773 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		34.8	µg/Kg	1	50	69	70 - 130
Toluene-d8		49.4	µg/Kg	1	50	98	70 - 130
4-Bromofluorobenzene		52.0	µg/Kg	1	50	104	70 - 130

Sample: 206774 - West Bottom

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC23487	Date Analyzed:	9/11/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB22003	Date Prepared:	9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		0.20	mg/Kg	1	0.19

Sample: 206774 - West Bottom

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC23237	Date Analyzed:	8/30/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB21804	Date Prepared:	8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0089	mg/Kg	0.16	0.01	55	0 - 183

Sample: 206774 - West Bottom

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC23353	Date Analyzed:	9/5/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB21897	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		157	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		28.8	mg/Kg	1	150	110	70 - 130

Sample: 206774 - West Bottom

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC23481	Date Analyzed:	9/11/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB21877	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		6.64	mg/Kg	100	0.05
Total Barium		102	mg/Kg	100	0.10
Total Cadmium		0.934	mg/Kg	100	0.005
Total Chromium		8.33	mg/Kg	100	0.01
Total Lead		7.27	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206774 - West Bottom

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC23372	Date Analyzed:	9/5/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21916	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206774 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE		<10.0	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		20.3	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		20.9	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206774 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		35.3	µg/Kg	1	50	70	70 - 130
Toluene-d8		48.5	µg/Kg	1	50	97	70 - 130
4-Bromofluorobenzene		51.1	µg/Kg	1	50	102	70 - 130

Sample: 206775 - East Bottom

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC23487	Date Analyzed:	9/11/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB22003	Date Prepared:	9/9/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 206775 - East Bottom

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC23237	Date Analyzed:	8/30/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB21804	Date Prepared:	8/30/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0105	mg/Kg	0.16	0.01	65	0 - 183

Sample: 206775 - East Bottom

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC23353	Date Analyzed:	9/5/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB21897	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		22.3	mg/Kg	1	150	112	70 - 130

Sample: 206775 - East Bottom

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC23482	Date Analyzed:	9/11/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB21877	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		5.83	mg/Kg	100	0.05
Total Barium		146	mg/Kg	100	0.10
Total Cadmium		0.688	mg/Kg	100	0.005
Total Chromium		6.87	mg/Kg	100	0.01
Total Lead		5.40	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 206775 - East Bottom

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC23372	Date Analyzed:	9/5/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB21916	Date Prepared:	9/5/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE		<10.0	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1

Continued ...

... *Continued* Sample: 206775 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane	[2]	34.7	µg/Kg	1	50	69	70 - 130
Toluene-d8		48.7	µg/Kg	1	50	97	70 - 130
4-Bromofluorobenzene		50.2	µg/Kg	1	50	100	70 - 130

[2]low surrogate recovery due to prep procedure.

Method Blank

QCBatch: QC23237

Param	Flag	Results	Units	Reporting Limit
PCB		<0.004	mg/Kg	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0096	mg/Kg	1	0.01	60	0 - 183

Method Blank

QCBatch: QC23353

Param	Flag	Results	Units	Reporting Limit
DRO		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		22.1	mg/Kg	1	150	113	70 - 130

Method Blank

QCBatch: QC23372

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<10.0	µg/Kg	1
Dichlorodifluoromethane		<10.0	µg/Kg	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	1
Vinyl Chloride		<10.0	µg/Kg	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	5
Chloroethane		<10.0	µg/Kg	1
Trichlorofluoromethane		<10.0	µg/Kg	1
Acetone		<100	µg/Kg	10
Iodomethane (methyl iodide)		<50.0	µg/Kg	5
Carbon Disulfide		<10.0	µg/Kg	1
Acrylonitrile		<10.0	µg/Kg	1
2-Butanone (MEK)		<50.0	µg/Kg	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	5
2-hexanone		<50.0	µg/Kg	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10
1,1-Dichloroethene		<10.0	µg/Kg	1
Methylene chloride		<50.0	µg/Kg	5
MTBE		<10.0	µg/Kg	1

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Param	Flag	Results	Units	Reporting Limit
trans-1,2-Dichloroethene		<10.0	µg/Kg	1
1,1-Dichloroethane		<10.0	µg/Kg	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	1
2,2-Dichloropropane		<10.0	µg/Kg	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	1
Chloroform		<10.0	µg/Kg	1
1,1,1-Trichloroethane		<10.0	µg/Kg	1
1,1-Dichloropropene		<10.0	µg/Kg	1
Benzene		<10.0	µg/Kg	1
Carbon Tetrachloride		<10.0	µg/Kg	1
1,2-Dichloropropane		<10.0	µg/Kg	1
Trichloroethene (TCE)		<10.0	µg/Kg	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	1
Bromodichloromethane		<10.0	µg/Kg	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	1
Toluene		<10.0	µg/Kg	1
1,1,2-Trichloroethane		<10.0	µg/Kg	1
1,3-Dichloropropane		<10.0	µg/Kg	1
Dibromochloromethane		<10.0	µg/Kg	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	1
Chlorobenzene		<10.0	µg/Kg	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	1
Ethylbenzene		<10.0	µg/Kg	1
m,p-Xylene		<10.0	µg/Kg	1
Bromoform		<10.0	µg/Kg	1
Styrene		<10.0	µg/Kg	1
o-Xylene		<10.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	1
2-Chlorotoluene		<10.0	µg/Kg	1
1,2,3-Trichloropropane		<10.0	µg/Kg	1
Isopropylbenzene		<10.0	µg/Kg	1
Bromobenzene		<10.0	µg/Kg	1
n-Propylbenzene		<10.0	µg/Kg	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	1
tert-Butylbenzene		<10.0	µg/Kg	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	1
sec-Butylbenzene		<10.0	µg/Kg	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	1
p-Isopropyltoluene		<10.0	µg/Kg	1
4-Chlorotoluene		<10.0	µg/Kg	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	1
n-Butylbenzene		<10.0	µg/Kg	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	5
Naphthalene		<50.0	µg/Kg	5
Hexachlorobutadiene		<50.0	µg/Kg	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		39.3	µg/Kg	1	50	78	70 - 130
Toluene-d8		49	µg/Kg	1	50	98	70 - 130
4-Bromofluorobenzene		52.6	µg/Kg	1	50	105	70 - 130

Method Blank

QCBatch: QC23481

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<5.00	mg/Kg	0.05
Total Barium		<10.0	mg/Kg	0.10
Total Cadmium		1.26	mg/Kg	0.005
Total Chromium		<1.00	mg/Kg	0.01
Total Lead		2.83	mg/Kg	0.01
Total Selenium		2.86	mg/Kg	0.01
Total Silver		0.720	mg/Kg	0.002

Method Blank

QCBatch: QC23482

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<5.00	mg/Kg	0.05
Total Barium		<10.0	mg/Kg	0.10
Total Cadmium		1.26	mg/Kg	0.005
Total Chromium		<1.00	mg/Kg	0.01
Total Lead		2.83	mg/Kg	0.01
Total Selenium		2.86	mg/Kg	0.01
Total Silver		0.720	mg/Kg	0.002

Method Blank

QCBatch: QC23487

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Laboratory Control Spikes

QCBatch: QC23237

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0664	0.0695	mg/Kg	1	0.06	<0.004	103	4	55 - 161	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0144	0.0154	mg/Kg	1	0.01	90	96	0 - 183

Laboratory Control Spikes

QCBatch: QC23353

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	206	242	mg/Kg	1	250	<50.0	82	16	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Triacontane	172	182	mg/Kg	1	150	114	121	70 - 130

Laboratory Control Spikes

QCBatch: QC23372

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,1-Dichloroethene	2470	2240	µg/Kg	1	2500	<10.0	98	9	70 - 130	20
Benzene	2300	2190	µg/Kg	1	2500	<10.0	92	4	70 - 130	20
Trichloroethene (TCE)	2270	2170	µg/Kg	1	2500	<10.0	90	4	70 - 130	20
Toluene	2240	2170	µg/Kg	1	2500	<10.0	89	3	70 - 130	20
Chlorobenzene	2340	2220	µg/Kg	1	2500	<10.0	93	5	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Dibromofluoromethane	36.6	34.9	µg/Kg	1	50	73	69	70 - 130
Toluene-d8	50.4	50.1	µg/Kg	1	50	100	100	70 - 130
4-Bromofluorobenzene	53.9	53.3	µg/Kg	1	50	107	106	70 - 130

Laboratory Control Spikes

QCBatch: QC23481

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	52.7	53.2	mg/Kg	100	50	<5.00	105	0	75 - 125	20
Total Barium	99.7	100	mg/Kg	100	100	<10.0	99	0	75 - 125	20
Total Cadmium	24.4	24.6	mg/Kg	100	25	1.26	97	0	75 - 125	20
Total Chromium	9.97	10.2	mg/Kg	100	10	<1.00	99	2	75 - 125	20
Total Lead	48.0	48.8	mg/Kg	100	50	2.83	96	1	75 - 125	20
Total Selenium	39.7	40.6	mg/Kg	100	50	2.86	79	2	75 - 125	20
Total Silver	11.9	12.0	mg/Kg	100	12.50	0.720	95	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC23482

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	52.7	53.2	mg/Kg	100	50	<5.00	105	0	75 - 125	20
Total Barium	99.7	100	mg/Kg	100	100	<10.0	99	0	75 - 125	20
Total Cadmium	24.4	24.6	mg/Kg	100	25	1.26	97	0	75 - 125	20
Total Chromium	9.97	10.2	mg/Kg	100	10	<1.00	99	2	75 - 125	20
Total Lead	48.0	48.8	mg/Kg	100	50	2.83	96	1	75 - 125	20
Total Selenium	39.7	40.6	mg/Kg	100	50	2.86	79	2	75 - 125	20
Total Silver	11.9	12.0	mg/Kg	100	12.50	0.720	95	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC23487

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	2.63	2.68	mg/Kg	1	2.50	<0.19	105	1	88 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC23237

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0612	0.0608	mg/Kg	1	0.06	<0.004	95	0	0 - 203	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0137	0.0135	mg/Kg	1	0.01	85	84	0 - 183

Matrix Spikes

QCBatch: QC23353

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	195	209	mg/Kg	1	250	<50.0	78	7	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
n-Triacontane	155	164	mg/Kg	1	150	103	109	70 - 130

Matrix Spikes

QCBatch: QC23372

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,1-Dichloroethene	2270	2340	µg/Kg	1	2500	<10.0	90	3	80 - 120	20
Benzene	2230	2210	µg/Kg	1	2500	<10.0	89	0	80 - 120	20
Trichloroethene (TCE)	2230	2230	µg/Kg	1	2500	<10.0	89	0	80 - 120	20
Toluene	2200	2190	µg/Kg	1	2500	<10.0	88	0	81 - 113	20
Chlorobenzene	2260	2250	µg/Kg	1	2500	<10.0	90	0	91 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
Dibromofluoromethane	[3] 34.3	[4] 33.2	µg/Kg	1	50	68	66	70 - 130
Toluene-d8	49.6	49.8	µg/Kg	1	50	99	100	70 - 130
4-Bromofluorobenzene	52.1	52.0	µg/Kg	1	50	104	104	70 - 130

Matrix Spikes

QCBatch: QC23481

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	64.6	58.8	mg/Kg	100	50	9.59	110	11	75 - 125	20
Total Barium	188	178	mg/Kg	100	100	93.3	94	11	75 - 125	20
Total Cadmium	23.3	23.0	mg/Kg	100	25	0.513	91	1	75 - 125	20
Total Chromium	14.6	14.1	mg/Kg	100	10	4.34	102	4	75 - 125	20
Total Lead	53.7	53.6	mg/Kg	100	50	4.52	98	0	75 - 125	20
Total Selenium	39.8	38.3	mg/Kg	100	50	<1.00	79	3	75 - 125	20
Total Silver	11.6	11.4	mg/Kg	100	12.50	<0.200	92	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC23482

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	57.4	57.1	mg/Kg	100	50	5.50	103	0	75 - 125	20
Total Barium	[5] 203	237	mg/Kg	100	100	315	-112	-35	75 - 125	20
Total Cadmium	27.4	25.8	mg/Kg	100	25	3.27	96	6	75 - 125	20
Total Chromium	[6] 25.2	16.8	mg/Kg	100	10	6.65	185	58	75 - 125	20
Total Lead	58.5	55.9	mg/Kg	100	50	8.15	100	5	75 - 125	20
Total Selenium	37.6	39.3	mg/Kg	100	50	<1.00	75	4	75 - 125	20
Total Silver	11.3	11.8	mg/Kg	100	12.50	<0.200	90	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC23487

[3]low surrogate recovery due to prep procedure.
[4]low surrogate recovery due to prep procedure.
[5]Matrix spike recovery invalid due to matrix effects. LCS demonstrates process under control.
[6]Matrix spike recovery invalid due to matrix effects. LCS demonstrates process under control.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	3.31	3.30	mg/Kg	1	2.50	<0.19	132	0	45 - 157	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

CCV (1) QCBatch: QC23237

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.38	95	85 - 115	8/30/02

ICV (1) QCBatch: QC23237

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.38	95	85 - 115	8/30/02

CCV (1) QCBatch: QC23353

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	251	100	75 - 125	9/5/02

ICV (1) QCBatch: QC23353

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	206	82	75 - 125	9/5/02

CCV (1) QCBatch: QC23372

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/Kg	50	48.0	96	80 - 120	9/5/02
1,1-Dichloroethene		µg/Kg	50	53.0	106	80 - 120	9/5/02
Chloroform		µg/Kg	50	53.0	106	80 - 120	9/5/02
1,2-Dichloropropane		µg/Kg	50	53.0	106	80 - 120	9/5/02
Toluene		µg/Kg	50	51.0	102	80 - 120	9/5/02

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chlorobenzene		µg/Kg	50	50.0	100	80 - 120	9/5/02
Ethylbenzene		µg/Kg	50	54.0	108	80 - 120	9/5/02
Dibromofluoromethane		µg/Kg	50	47.8	96	80 - 120	9/5/02
Toluene-d8		µg/Kg	50	50.4	101	80 - 120	9/5/02
4-Bromofluorobenzene		µg/Kg	50	51.2	102	80 - 120	9/5/02

CCV (1) QCBatch: QC23481

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	0.990	99	90 - 110	9/11/02
Total Barium		mg/Kg	2	1.95	98	90 - 110	9/11/02
Total Cadmium		mg/Kg	0.50	0.498	99	90 - 110	9/11/02
Total Chromium		mg/Kg	0.20	0.200	100	90 - 110	9/11/02
Total Lead		mg/Kg	1	0.980	98	90 - 110	9/11/02
Total Selenium		mg/Kg	1	0.983	98	90 - 110	9/11/02
Total Silver		mg/Kg	0.25	0.242	96	90 - 110	9/11/02

ICV (1) QCBatch: QC23481

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	1.01	101	95 - 105	9/11/02
Total Barium		mg/Kg	2	2.01	100	95 - 105	9/11/02
Total Cadmium		mg/Kg	0.50	0.504	100	95 - 105	9/11/02
Total Chromium		mg/Kg	0.20	0.201	100	95 - 105	9/11/02
Total Lead		mg/Kg	1	0.996	99	95 - 105	9/11/02
Total Selenium		mg/Kg	1	1.01	101	95 - 105	9/11/02
Total Silver		mg/Kg	0.25	0.249	99	95 - 105	9/11/02

CCV (1) QCBatch: QC23482

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	0.962	96	90 - 110	9/11/02
Total Barium		mg/Kg	2	1.99	100	90 - 110	9/11/02
Total Cadmium		mg/Kg	0.50	0.486	97	90 - 110	9/11/02
Total Chromium		mg/Kg	0.20	0.197	98	90 - 110	9/11/02
Total Lead		mg/Kg	1	0.965	96	90 - 110	9/11/02
Total Selenium		mg/Kg	1	0.958	95	90 - 110	9/11/02
Total Silver		mg/Kg	0.25	0.245	98	90 - 110	9/11/02

ICV (1)

QCBatch: QC23482

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	1	1.01	101	95 - 105	9/11/02
Total Barium		mg/Kg	2	2.01	100	95 - 105	9/11/02
Total Cadmium		mg/Kg	0.50	0.504	100	95 - 105	9/11/02
Total Chromium		mg/Kg	0.20	0.201	100	95 - 105	9/11/02
Total Lead		mg/Kg	1	0.996	99	95 - 105	9/11/02
Total Selenium		mg/Kg	1	1.01	101	95 - 105	9/11/02
Total Silver		mg/Kg	0.25	0.249	99	95 - 105	9/11/02

CCV (1)

QCBatch: QC23487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00486	97	80 - 120	9/11/02

ICV (1)

QCBatch: QC23487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00529	105	80 - 120	9/11/02

[redacted]

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 402082919

Company Name: AMEC
Phone #: 915 686 1978
Address: (Street, City, Zip) 301 N. Colorado, Suite 350 Midland
Fax #: 915 618 0137
Contact Person: Bob Wilcox
Invoice to: (If different from above)
Project #: 25170030 8M Task 3
Project Name: EPNG Washington Ranch
Project Location: Eddy Co, NM
Sampler Signature: Jeremy Anderson

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
20672	East Wall	1	4oz		X							X		8/28	11:00
71	West Wall				X							X		8/28	05
72	South Wall				X							X		8/28	10
73	North Wall				X							X		8/28	15
74	West Bottom				X							X		8/28	20
75	East Bottom	↓	↓		X							X		8/28	25

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015 DRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
		X		X						X		X				
		X		X						X		X				
		X		X						X		X				
		X		X						X		X				
		X		X						X		X				
		X		X						X		X				

Relinquished by: Date: 8/28/02 Time: 1653
Received by: Helen Shelton 8/28/02 1653
Relinquished by: Helen Shelton 8/28/02 1800
Received by:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 8-29-02 Time: 1022

LAB USE ONLY
Intact (Y) N
Headspace Y / N
Temp 3° °
Log-in Review ms

REMARKS:
9113FIP
9/11
☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound GLI 163-566-549-3

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. for samples -HS

ORIGINAL COPY

Summary Report

Bob Wilcox
AMEC
301 N. Colorado St Suite 350
Midland, Tx. 79701

Report Date: December 13, 2002

Order ID Number: A02112115

Project Number: 251700308M Task 3
Project Name: Washington Ranch
Project Location: Pit Excavation Washington Ranch

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
214131	West Wall (New Excav)	Soil	11/19/02	12:50	11/21/02
214132	Bottom (New Excav)	Soil	11/19/02	12:46	11/21/02

0 This report consists of a total of 5 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	TPH DRO DRO (ppm)
214131 - West Wall (New Excav)	<50.0
214132 - Bottom (New Excav)	<50.0

Sample: 214131 - West Wall (New Excav)

Param	Flag	Result	Units
Total Mercury		<0.19	mg/Kg
PCB		<0.004	mg/Kg
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg
Total Arsenic		<5.00	mg/Kg
Total Barium		1100	mg/Kg
Total Cadmium		0.643	mg/Kg
Total Chromium		9.97	mg/Kg
Total Lead		10.4	mg/Kg
Total Selenium		<1.00	mg/Kg
Total Silver		<0.200	mg/Kg
Bromochloromethane		<10.0	µg/Kg
Dichlorodifluoromethane		<10.0	µg/Kg
Chloromethane (methyl chloride)		<10.0	µg/Kg

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Sample 214131 continued ...

Param	Flag	Result	Units
Vinyl Chloride		<10.0	µg/Kg
Bromomethane (methyl bromide)		<50.0	µg/Kg
Chloroethane		<10.0	µg/Kg
Trichlorofluoromethane		<10.0	µg/Kg
Acetone		<100	µg/Kg
Iodomethane (methyl iodide)	1	233	µg/Kg
Carbon Disulfide		<10.0	µg/Kg
Acrylonitrile		<10.0	µg/Kg
2-Butanone (MEK)		<50.0	µg/Kg
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg
2-hexanone		<50.0	µg/Kg
trans 1,4-Dichloro-2-butene		<100	µg/Kg
1,1-Dichloroethene		<10.0	µg/Kg
Methylene chloride		<50.0	µg/Kg
MTBE	2	59.6	µg/Kg
trans-1,2-Dichloroethene		<10.0	µg/Kg
1,1-Dichloroethane		<10.0	µg/Kg
cis-1,2-Dichloroethene		<10.0	µg/Kg
2,2-Dichloropropane		<10.0	µg/Kg
1,2-Dichloroethane (EDC)		<10.0	µg/Kg
Chloroform		<10.0	µg/Kg
1,1,1-Trichloroethane		<10.0	µg/Kg
1,1-Dichloropropene		<10.0	µg/Kg
Benzene		<10.0	µg/Kg
Carbon Tetrachloride		<10.0	µg/Kg
1,2-Dichloropropane		<10.0	µg/Kg
Trichloroethene (TCE)		<10.0	µg/Kg
Dibromomethane (methylene bromide)		<10.0	µg/Kg
Bromodichloromethane		<10.0	µg/Kg
2-Chloroethyl vinyl ether		<50.0	µg/Kg
cis-1,3-Dichloropropene		<10.0	µg/Kg
trans-1,3-Dichloropropene		<10.0	µg/Kg
Toluene		<10.0	µg/Kg
1,1,2-Trichloroethane		<10.0	µg/Kg
1,3-Dichloropropane		<10.0	µg/Kg
Dibromochloromethane		<10.0	µg/Kg
1,2-Dibromoethane (EDB)		<10.0	µg/Kg
Tetrachloroethene (PCE)		<10.0	µg/Kg
Chlorobenzene		<10.0	µg/Kg
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg
Ethylbenzene		<10.0	µg/Kg
m,p-Xylene		<10.0	µg/Kg
Bromoform		<10.0	µg/Kg
Styrene		<10.0	µg/Kg
o-Xylene		<10.0	µg/Kg
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg
2-Chlorotoluene		<10.0	µg/Kg
1,2,3-Trichloropropane		<10.0	µg/Kg

Continued on next page ...

[1]concentration reported in method blank=664 µg/kg.
[2]concentration reported in method blank=67.4 µg/kg.

Sample 214131 continued ...

Param	Flag	Result	Units
Isopropylbenzene		<10.0	µg/Kg
Bromobenzene		<10.0	µg/Kg
n-Propylbenzene		<10.0	µg/Kg
1,3,5-Trimethylbenzene		<10.0	µg/Kg
tert-Butylbenzene		<10.0	µg/Kg
1,2,4-Trimethylbenzene		<10.0	µg/Kg
1,4-Dichlorobenzene (para)		<10.0	µg/Kg
sec-Butylbenzene		<10.0	µg/Kg
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg
p-Isopropyltoluene		<10.0	µg/Kg
4-Chlorotoluene		<10.0	µg/Kg
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg
n-Butylbenzene		<10.0	µg/Kg
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg
1,2,3-Trichlorobenzene		<50.0	µg/Kg
1,2,4-Trichlorobenzene		<50.0	µg/Kg
Naphthalene		<50.0	µg/Kg
Hexachlorobutadiene		<50.0	µg/Kg

Sample: 214132 - Bottom (New Excav)

Param	Flag	Result	Units
Total Mercury		<0.19	mg/Kg
PCB		<0.004	mg/Kg
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg
Total Arsenic		7.01	mg/Kg
Total Barium		101	mg/Kg
Total Cadmium		0.881	mg/Kg
Total Chromium		13.0	mg/Kg
Total Lead		12.8	mg/Kg
Total Selenium		<1.00	mg/Kg
Total Silver		<0.200	mg/Kg
Bromochloromethane		<10.0	µg/Kg
Dichlorodifluoromethane		<10.0	µg/Kg
Chloromethane (methyl chloride)		<10.0	µg/Kg
Vinyl Chloride		<10.0	µg/Kg
Bromomethane (methyl bromide)		<50.0	µg/Kg
Chloroethane		<10.0	µg/Kg
Trichlorofluoromethane		<10.0	µg/Kg
Acetone		<100	µg/Kg
Iodomethane (methyl iodide)	[3]	133	µg/Kg

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[3]concentration reported in method blank=664 µg/kg.

This is only a summary. Please, refer to the complete report package for quality control data.

Sample 214132 continued ...

Param	Flag	Result	Units
Carbon Disulfide		<10.0	µg/Kg
Acrylonitrile		<10.0	µg/Kg
2-Butanone (MEK)		<50.0	µg/Kg
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg
2-hexanone		<50.0	µg/Kg
trans 1,4-Dichloro-2-butene		<100	µg/Kg
1,1-Dichloroethene		<10.0	µg/Kg
Methylene chloride		<50.0	µg/Kg
MTBE	[4]	60.6	µg/Kg
trans-1,2-Dichloroethene		<10.0	µg/Kg
1,1-Dichloroethane		<10.0	µg/Kg
cis-1,2-Dichloroethene		<10.0	µg/Kg
2,2-Dichloropropane		<10.0	µg/Kg
1,2-Dichloroethane (EDC)		<10.0	µg/Kg
Chloroform		<10.0	µg/Kg
1,1,1-Trichloroethane		<10.0	µg/Kg
1,1-Dichloropropene		<10.0	µg/Kg
Benzene		<10.0	µg/Kg
Carbon Tetrachloride		<10.0	µg/Kg
1,2-Dichloropropane		<10.0	µg/Kg
Trichloroethene (TCE)		<10.0	µg/Kg
Dibromomethane (methylene bromide)		<10.0	µg/Kg
Bromodichloromethane		<10.0	µg/Kg
2-Chloroethyl vinyl ether		<50.0	µg/Kg
cis-1,3-Dichloropropene		<10.0	µg/Kg
trans-1,3-Dichloropropene		<10.0	µg/Kg
Toluene		<10.0	µg/Kg
1,1,2-Trichloroethane		<10.0	µg/Kg
1,3-Dichloropropane		<10.0	µg/Kg
Dibromochloromethane		<10.0	µg/Kg
1,2-Dibromoethane (EDB)		<10.0	µg/Kg
Tetrachloroethene (PCE)		<10.0	µg/Kg
Chlorobenzene		<10.0	µg/Kg
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg
Ethylbenzene		<10.0	µg/Kg
m,p-Xylene		<10.0	µg/Kg
Bromoform		<10.0	µg/Kg
Styrene		<10.0	µg/Kg
o-Xylene		<10.0	µg/Kg
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg
2-Chlorotoluene		<10.0	µg/Kg
1,2,3-Trichloropropane		<10.0	µg/Kg
Isopropylbenzene		<10.0	µg/Kg
Bromobenzene		<10.0	µg/Kg
n-Propylbenzene		<10.0	µg/Kg
1,3,5-Trimethylbenzene		<10.0	µg/Kg
tert-Butylbenzene		<10.0	µg/Kg
1,2,4-Trimethylbenzene		<10.0	µg/Kg
1,4-Dichlorobenzene (para)		<10.0	µg/Kg

Continued on next page ...

[4]concentration reported in method blank=67.4 µg/kg.

This is only a summary. Please, refer to the complete report package for quality control data.

Sample 214132 continued ...

Param	Flag	Result	Units
sec-Butylbenzene		<10.0	µg/Kg
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg
p-Isopropyltoluene		<10.0	µg/Kg
4-Chlorotoluene		<10.0	µg/Kg
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg
n-Butylbenzene		<10.0	µg/Kg
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg
1,2,3-Trichlorobenzene		<50.0	µg/Kg
1,2,4-Trichlorobenzene		<50.0	µg/Kg
Naphthalene		<50.0	µg/Kg
Hexachlorobutadiene		<50.0	µg/Kg

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Bob Wilcox
AMEC
301 N. Colorado St Suite 350
Midland, Tx. 79701

Report Date: December 13, 2002

Order ID Number: A02112115

Project Number: 251700308M Task 3
Project Name: Washington Ranch
Project Location: Pit Excavation Washington Ranch

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
214131	West Wall (New Excav)	Soil	11/19/02	12:50	11/21/02
214132	Bottom (New Excav)	Soil	11/19/02	12:46	11/21/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety including the chain of custody (COC), without written approval of TraceAnalysis, Inc.

Note: Samples will be disposed of 30 days from the report date unless the lab is contacted before the 30 days has past.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 214131 - West Wall (New Excav)

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC25251	Date Analyzed:	11/27/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB23448	Date Prepared:	11/26/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 214131 - West Wall (New Excav)

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC25086	Date Analyzed:	11/21/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB23323	Date Prepared:	11/21/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0158	mg/Kg	0.16	0.01	98	0 - 183

Sample: 214131 - West Wall (New Excav)

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC25218	Date Analyzed:	11/27/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB23400	Date Prepared:	11/15/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		121	mg/Kg	1	150	80	70 - 130

Sample: 214131 - West Wall (New Excav)

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC25160	Date Analyzed:	11/26/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB23328	Date Prepared:	11/22/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.00	mg/Kg	100	0.01
Total Barium		1100	mg/Kg	100	0.01

Continued ...

... *Continued* Sample: 214131 Analysis: Total Metals

Param	Flag	Result	Units	Dilution	RDL
Total Cadmium		0.643	mg/Kg	100	0.005
Total Chromium		9.97	mg/Kg	100	0.01
Total Lead		10.4	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 214131 - West Wall (New Excav)

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC25307	Date Analyzed:	11/29/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB23495	Date Prepared:	11/29/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)	[1]	233	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE	[2]	59.6	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1

Continued ...

[1] concentration reported in method blank=664 µg/kg.
[2] concentration reported in method blank=67.4 µg/kg.

... *Continued* Sample: 214131 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane	[3]	29.8	µg/Kg	10	50	59	45 - 105
Toluene-d8		62.8	µg/Kg	10	50	125	92 - 106
4-Bromofluorobenzene		62.8	µg/Kg	10	50	125	84 - 115

Sample: 214132 - Bottom (New Excav)

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC25251	Date Analyzed:	11/27/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB23448	Date Prepared:	11/26/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

[3]surrogate out of control due to matrix effect.

Sample: 214132 - Bottom (New Excav)

Analysis:	PCB	Analytical Method:	8082	QC Batch:	QC25086	Date Analyzed:	11/21/02
Analyst:	AG	Preparation Method:	3550	Prep Batch:	PB23323	Date Prepared:	11/21/02

Param	Flag	Result	Units	Dilution	RDL
PCB		<0.004	mg/Kg	0.16	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.16	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.16	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.16	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.16	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.16	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.16	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.16	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0147	mg/Kg	0.16	0.01	91	0 - 183

Sample: 214132 - Bottom (New Excav)

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC25218	Date Analyzed:	11/27/02
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB23400	Date Prepared:	11/15/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		122	mg/Kg	1	150	81	70 - 130

Sample: 214132 - Bottom (New Excav)

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC25160	Date Analyzed:	11/26/02
Analyst:	RR	Preparation Method:	S 3050B	Prep Batch:	PB23328	Date Prepared:	11/22/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		7.01	mg/Kg	100	0.01
Total Barium		101	mg/Kg	100	0.01
Total Cadmium		0.881	mg/Kg	100	0.005
Total Chromium		13.0	mg/Kg	100	0.01
Total Lead		12.8	mg/Kg	100	0.01
Total Selenium		<1.00	mg/Kg	100	0.01
Total Silver		<0.200	mg/Kg	100	0.002

Sample: 214132 - Bottom (New Excav)

Analysis:	Volatiles	Analytical Method:	S 8260B	QC Batch:	QC25307	Date Analyzed:	11/29/02
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB23495	Date Prepared:	11/29/02

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<10.0	µg/Kg	10	1
Dichlorodifluoromethane		<10.0	µg/Kg	10	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	10	1
Vinyl Chloride		<10.0	µg/Kg	10	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	10	5
Chloroethane		<10.0	µg/Kg	10	1
Trichlorofluoromethane		<10.0	µg/Kg	10	1
Acetone		<100	µg/Kg	10	10
Iodomethane (methyl iodide)	[4]	133	µg/Kg	10	5
Carbon Disulfide		<10.0	µg/Kg	10	1
Acrylonitrile		<10.0	µg/Kg	10	1
2-Butanone (MEK)		<50.0	µg/Kg	10	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	10	5
2-hexanone		<50.0	µg/Kg	10	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10	10
1,1-Dichloroethene		<10.0	µg/Kg	10	1
Methylene chloride		<50.0	µg/Kg	10	5
MTBE	[5]	60.6	µg/Kg	10	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	10	1
1,1-Dichloroethane		<10.0	µg/Kg	10	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	10	1
2,2-Dichloropropane		<10.0	µg/Kg	10	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	10	1
Chloroform		<10.0	µg/Kg	10	1
1,1,1-Trichloroethane		<10.0	µg/Kg	10	1
1,1-Dichloropropene		<10.0	µg/Kg	10	1
Benzene		<10.0	µg/Kg	10	1
Carbon Tetrachloride		<10.0	µg/Kg	10	1
1,2-Dichloropropane		<10.0	µg/Kg	10	1
Trichloroethene (TCE)		<10.0	µg/Kg	10	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	10	1
Bromodichloromethane		<10.0	µg/Kg	10	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	10	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	10	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	10	1
Toluene		<10.0	µg/Kg	10	1
1,1,2-Trichloroethane		<10.0	µg/Kg	10	1
1,3-Dichloropropane		<10.0	µg/Kg	10	1
Dibromochloromethane		<10.0	µg/Kg	10	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	10	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	10	1
Chlorobenzene		<10.0	µg/Kg	10	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	10	1
Ethylbenzene		<10.0	µg/Kg	10	1
m,p-Xylene		<10.0	µg/Kg	10	1
Bromoform		<10.0	µg/Kg	10	1
Styrene		<10.0	µg/Kg	10	1
o-Xylene		<10.0	µg/Kg	10	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	10	1
2-Chlorotoluene		<10.0	µg/Kg	10	1
1,2,3-Trichloropropane		<10.0	µg/Kg	10	1

Continued ...

[4]concentration reported in method blank=664 µg/kg.
[5]concentration reported in method blank=67.4 µg/kg.

... *Continued* Sample: 214132 Analysis: Volatiles

Param	Flag	Result	Units	Dilution	RDL
Isopropylbenzene		<10.0	µg/Kg	10	1
Bromobenzene		<10.0	µg/Kg	10	1
n-Propylbenzene		<10.0	µg/Kg	10	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	10	1
tert-Butylbenzene		<10.0	µg/Kg	10	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	10	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	10	1
sec-Butylbenzene		<10.0	µg/Kg	10	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	10	1
p-Isopropyltoluene		<10.0	µg/Kg	10	1
4-Chlorotoluene		<10.0	µg/Kg	10	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	10	1
n-Butylbenzene		<10.0	µg/Kg	10	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	10	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	10	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	10	5
Naphthalene		<50.0	µg/Kg	10	5
Hexachlorobutadiene		<50.0	µg/Kg	10	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		41.6	µg/Kg	10	50	83	45 - 105
Toluene-d8		62.0	µg/Kg	10	50	124	92 - 106
4-Bromofluorobenzene		62.4	µg/Kg	10	50	124	84 - 115

Quality Control Report
Method Blank

Method Blank

QCBatch: QC25086

Param	Flag	Results	Units	Reporting Limit
PCB		<0.004	mg/Kg	0.004
Aroclor 1016 (PCB-1016)		<0.004	mg/Kg	0.004
Aroclor 1221 (PCB-1221)		<0.004	mg/Kg	0.004
Aroclor 1232 (PCB-1232)		<0.004	mg/Kg	0.004
Aroclor 1242 (PCB-1242)		<0.004	mg/Kg	0.004
Aroclor 1248 (PCB-1248)		<0.004	mg/Kg	0.004
Aroclor 1254 (PCB-1254)		<0.004	mg/Kg	0.004
Aroclor 1260 (PCB-1260)		<0.004	mg/Kg	0.004

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
deca chlorobiphenyl		0.0164	mg/Kg	1	0.01	102	0 - 183

Method Blank

QCBatch: QC25160

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<0.050	mg/Kg	0.01
Total Barium		<0.100	mg/Kg	0.01
Total Cadmium		<0.005	mg/Kg	0.005
Total Chromium		<0.010	mg/Kg	0.01
Total Lead		<0.010	mg/Kg	0.01
Total Selenium		<0.010	mg/Kg	0.01
Total Silver		<0.002	mg/Kg	0.002

Method Blank

QCBatch: QC25218

Param	Flag	Results	Units	Reporting Limit
DRO		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		134	mg/Kg	1	150	86	70 - 130

Method Blank

QCBatch: QC25251

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Method Blank

QCBatch: QC25307

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<10.0	µg/Kg	1
Dichlorodifluoromethane		<10.0	µg/Kg	1
Chloromethane (methyl chloride)		<10.0	µg/Kg	1
Vinyl Chloride		<10.0	µg/Kg	1
Bromomethane (methyl bromide)		<50.0	µg/Kg	5
Chloroethane		<10.0	µg/Kg	1
Trichlorofluoromethane		<10.0	µg/Kg	1
Acetone		<100	µg/Kg	10
Iodomethane (methyl iodide)		664	µg/Kg	5
Carbon Disulfide		<10.0	µg/Kg	1
Acrylonitrile		<10.0	µg/Kg	1
2-Butanone (MEK)		<50.0	µg/Kg	5
4-methyl-2-pentanone (MIBK)		<50.0	µg/Kg	5
2-hexanone		<50.0	µg/Kg	5
trans 1,4-Dichloro-2-butene		<100	µg/Kg	10
1,1-Dichloroethene		<10.0	µg/Kg	1
Methylene chloride		<50.0	µg/Kg	5
MTBE		67.4	µg/Kg	1
trans-1,2-Dichloroethene		<10.0	µg/Kg	1
1,1-Dichloroethane		<10.0	µg/Kg	1
cis-1,2-Dichloroethene		<10.0	µg/Kg	1
2,2-Dichloropropane		<10.0	µg/Kg	1
1,2-Dichloroethane (EDC)		<10.0	µg/Kg	1
Chloroform		<10.0	µg/Kg	1
1,1,1-Trichloroethane		<10.0	µg/Kg	1
1,1-Dichloropropene		<10.0	µg/Kg	1
Benzene		<10.0	µg/Kg	1
Carbon Tetrachloride		<10.0	µg/Kg	1
1,2-Dichloropropane		<10.0	µg/Kg	1
Trichloroethene (TCE)		<10.0	µg/Kg	1
Dibromomethane (methylene bromide)		<10.0	µg/Kg	1
Bromodichloromethane		<10.0	µg/Kg	1
2-Chloroethyl vinyl ether		<50.0	µg/Kg	5
cis-1,3-Dichloropropene		<10.0	µg/Kg	1
trans-1,3-Dichloropropene		<10.0	µg/Kg	1
Toluene		<10.0	µg/Kg	1
1,1,2-Trichloroethane		<10.0	µg/Kg	1
1,3-Dichloropropane		<10.0	µg/Kg	1
Dibromochloromethane		<10.0	µg/Kg	1
1,2-Dibromoethane (EDB)		<10.0	µg/Kg	1
Tetrachloroethene (PCE)		<10.0	µg/Kg	1
Chlorobenzene		<10.0	µg/Kg	1
1,1,1,2-Tetrachloroethane		<10.0	µg/Kg	1
Ethylbenzene		<10.0	µg/Kg	1
m,p-Xylene		<10.0	µg/Kg	1

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Param	Flag	Results	Units	Reporting Limit
Bromoform		<10.0	µg/Kg	1
Styrene		<10.0	µg/Kg	1
o-Xylene		<10.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		<10.0	µg/Kg	1
2-Chlorotoluene		<10.0	µg/Kg	1
1,2,3-Trichloropropane		<10.0	µg/Kg	1
Isopropylbenzene		<10.0	µg/Kg	1
Bromobenzene		<10.0	µg/Kg	1
n-Propylbenzene		<10.0	µg/Kg	1
1,3,5-Trimethylbenzene		<10.0	µg/Kg	1
tert-Butylbenzene		<10.0	µg/Kg	1
1,2,4-Trimethylbenzene		<10.0	µg/Kg	1
1,4-Dichlorobenzene (para)		<10.0	µg/Kg	1
sec-Butylbenzene		<10.0	µg/Kg	1
1,3-Dichlorobenzene (meta)		<10.0	µg/Kg	1
p-Isopropyltoluene		<10.0	µg/Kg	1
4-Chlorotoluene		<10.0	µg/Kg	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/Kg	1
n-Butylbenzene		<10.0	µg/Kg	1
1,2-Dibromo-3-chloropropane		<50.0	µg/Kg	5
1,2,3-Trichlorobenzene		<50.0	µg/Kg	5
1,2,4-Trichlorobenzene		<50.0	µg/Kg	5
Naphthalene		<50.0	µg/Kg	5
Hexachlorobutadiene		<50.0	µg/Kg	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		45.8	µg/Kg	1	50	92	45 - 105
Toluene-d8		63.7	µg/Kg	1	50	127	92 - 106
4-Bromofluorobenzene		51.9	µg/Kg	1	50	104	84 - 115

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC25086

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0496	0.0501	mg/Kg	1	0.06	<0.004	77	1	55 - 161	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0148	0.0149	mg/Kg	1	0.01	92	93	0 - 183

Laboratory Control Spikes

QCBatch: QC25160

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	50.3	50.0	mg/Kg	100	50	<0.050	100	0	75 - 125	20
Total Barium	106	107	mg/Kg	100	100	<0.100	106	0	75 - 125	20
Total Cadmium	25.4	25.3	mg/Kg	100	25	<0.005	101	0	75 - 125	20
Total Chromium	10.0	10.0	mg/Kg	100	10	<0.010	100	0	75 - 125	20
Total Lead	54.6	54.4	mg/Kg	100	50	<0.010	109	0	75 - 125	20
Total Selenium	46.8	46.0	mg/Kg	100	50	<0.010	93	1	75 - 125	20
Total Silver	12.7	12.7	mg/Kg	100	12.50	<0.002	101	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC25218

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	273	283	mg/Kg	1	250	<50.0	109	3	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Triacontane	127	125	mg/Kg	1	150	84	83	70 - 130

Laboratory Control Spikes

QCBatch: QC25251

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	2.58	2.56	mg/Kg	1	2.50	<0.19	103	0	88 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC25307

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,1-Dichloroethene	1280	1210	µg/Kg	1	1250	<10.0	102	5	13 - 166	20
Benzene	1450	1400	µg/Kg	1	1250	<10.0	116	3	75 - 115	20
Trichloroethene (TCE)	1440	1380	µg/Kg	1	1250	<10.0	115	4	70 - 130	20
Toluene	1460	1400	µg/Kg	1	1250	<10.0	116	4	77 - 112	20
Chlorobenzene	1440	1390	µg/Kg	1	1250	<10.0	115	3	78 - 116	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Dibromofluoromethane	35.7	36.8	µg/Kg	1	50	71	74	45 - 105
Toluene-d8	62.1	63.7	µg/Kg	1	50	124	127	92 - 106
4-Bromofluorobenzene	63.7	63.5	µg/Kg	1	50	127	127	84 - 115

Quality Control Report
Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC25086

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
PCB	0.0485	0.0487	mg/Kg	1	0.06	<0.004	75	0	0 - 203	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
deca chlorobiphenyl	0.0146	0.0148	mg/Kg	1	0.01	91	92	0 - 183

Matrix Spikes

QCBatch: QC25160

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	54.7	54.9	mg/Kg	100	50	7.01	95	0	75 - 125	20
Total Barium	193	186	mg/Kg	100	100	101	92	7	75 - 125	20
Total Cadmium	24.2	23.8	mg/Kg	100	25	0.881	93	1	75 - 125	20
Total Chromium	[6] 25.8	24.9	mg/Kg	100	10	13.0	128	7	75 - 125	20
Total Lead	59.3	58.8	mg/Kg	100	50	12.8	93	1	75 - 125	20
Total Selenium	42.0	42.2	mg/Kg	100	50	<1.00	84	0	75 - 125	20
Total Silver	12.4	12.4	mg/Kg	100	12.50	<0.200	99	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC25218

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	[7] 553	550	mg/Kg	1	250	202	140	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
n-Triacontane	133	141	mg/Kg	1	150	88	94	70 - 130

Matrix Spikes

QCBatch: QC25251

[6]Matrix spike recovery invalid due to matrix effects. LCS demonstrates process under control.
[7]MS and MSD recovery out of range due to peak interference. LCS and LCSD are within sampling parameters.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	2.49	2.51	mg/Kg	1	2.50	<0.19	99	0	45 - 157	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Continuing Calibration Verification Standards

CCV (1) QCBatch: QC25086

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.40	100	85 - 115	11/21/02

ICV (1) QCBatch: QC25086

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
PCB		mg/L	0.40	0.41	102	85 - 115	11/21/02

CCV (1) QCBatch: QC25160

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1	1.09	109	90 - 110	11/26/02
Total Barium		mg/L	2	2.20	110	90 - 110	11/26/02
Total Cadmium		mg/L	0.50	0.550	110	90 - 110	11/26/02
Total Chromium		mg/L	0.20	0.212	106	90 - 110	11/26/02
Total Lead		mg/L	1	1.08	108	90 - 110	11/26/02
Total Selenium		mg/L	1	1.09	109	90 - 110	11/26/02
Total Silver		mg/L	0.25	0.265	106	90 - 110	11/26/02

ICV (1) QCBatch: QC25160

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1	1.04	104	95 - 105	11/26/02
Total Barium		mg/L	2	2.15	108	95 - 105	11/26/02
Total Cadmium		mg/L	0.50	0.529	106	95 - 105	11/26/02
Total Chromium		mg/L	0.20	0.204	102	95 - 105	11/26/02

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1	1.01	101	95 - 105	11/26/02
Total Selenium		mg/L	1	1.03	103	95 - 105	11/26/02
Total Silver		mg/L	0.25	0.250	100	95 - 105	11/26/02

CCV (1) QCBatch: QC25218

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	262	105	75 - 125	11/27/02

CCV (2) QCBatch: QC25218

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	249	99	75 - 125	11/27/02

CCV (3) QCBatch: QC25218

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	245	98	75 - 125	11/27/02

ICV (1) QCBatch: QC25218

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	288	115	75 - 125	11/27/02

CCV (1) QCBatch: QC25251

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00512	102	80 - 120	11/27/02

ICV (1)

QCBatch: QC25251

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00507	101	80 - 120	11/27/02

CCV (1)

QCBatch: QC25307

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/Kg	50	42.0	84	80 - 120	11/29/02
1,1-Dichloroethene		µg/Kg	50	49.0	98	80 - 120	11/29/02
Chloroform		µg/Kg	50	52.0	104	80 - 120	11/29/02
1,2-Dichloropropane		µg/Kg	50	52.0	104	80 - 120	11/29/02
Toluene		µg/Kg	50	52.0	104	80 - 120	11/29/02
Chlorobenzene		µg/Kg	50	52.0	104	80 - 120	11/29/02
Ethylbenzene		µg/Kg	50	53.0	106	80 - 120	11/29/02
Dibromofluoromethane		µg/Kg	50	63.4	127	80 - 120	11/29/02
Toluene-d8		µg/Kg	50	65.3	131	80 - 120	11/29/02
4-Bromofluorobenzene		µg/Kg	50	65.3	131	80 - 120	11/29/02

[redacted] 15 [redacted] Page [redacted] of [redacted]

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0211215

Company Name: AMEC
Phone #: (915) 686-1978
Address: (Street, City, Zip) 301 N. Colorado St. Suite 350 Midland Texas 79701
Fax #: (915) 618-0137
Contact Person: Bob Wilcox
Invoice to: (If different from above)
Project #: 251700308M Task 3
Project Name: Washington Ranch
Project Location: Pit Excavation Washington Ranch
Sampler Signature: [signature]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 8015 DRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
214131	West Wall (New Excav.)	1	4oz	[illegible]	✓							✓		11/19/02	12:50			X		X						X		X				
32	Bottom (New Excav.)	1	4oz		✓							✓		11/19/02	12:46			X		X						X		X				

Relinquished by: [signature] Date: 11/20/02 Time: 14:33
Received by: Helen Shelton Date: 11/20/02 Time: 1433
Relinquished by: Helen Shelton Date: 11/20/02 Time: 1830
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: [signature] Date: 11/21/02 Time: 10:00

LAB USE ONLY
Intact Y / N (Y circled)
Headspace Y / N
Temp 4°
Log-in Review [initials]

REMARKS:
12/5F1P

☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound GLI 163566-866-1

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 2 samples-HS

ORIGINAL COPY

APPENDIX D

APPENDIX D

Waste Disposal Record

SANDPOINT LANDFILL

Carlsbad, New Mexico

Acct: BES-BRININSTOL Acct#: 03-0000562 Ticket#: 48092

icle# : BES PO#: Date: 08/20/02
= 100 - Commercial Time In: 11:54
= 1 - Charge # Time Out: 12:15

Material Types	Rate/UM	Gross	Tare	Net	Tip
= 1002 - Construction/Demol	/TN	49920	29380	20540	

Tip Amt
Spec Amt
Tax
========
TOTAL CHARGE PAID:$ 0.00 CHANGE:$ 0.00

ver: Joe Herrera Weighmaster: ROY B BEESON

otecting the environment for our future!

SANDPOINT LANDFILL

Carlsbad, New Mexico

Acct: BES-BRININSTOL Acct#: 03-0000562 Ticket#: 48115

icle# : BES PO#: Date: 08/20/02
= 100 - Commercial Time In: 15:17
= 1 - Charge # Time Out: 15:38

Material Types	Rate/UM	Gross	Tare	Net	Tip
= 1002 - Construction/Demol	/TN	41120	29320	11800	

Tip Amt
Spec Amt
Tax
========
TOTAL CHARGE PAID:$ 0.00 CHANGE:$ 0.00

ver: Joe Herrera Weighmaster: ROY B BEESON

otecting the environment for our future!

SANDPOINT LANDFILL

Carlsbad, New Mexico

ill Acct: BES-BRININSTOL Acct#: 03-0000562 Ticket#: 48092

ehicle# : BES PO#: Date: 08/20/02
T = 100 - Commercial Time In: 11:54
T = 1 - Charge # Time Out: 12:15

Material Types	Rate/UM	Gross	Tare	Net	Tip
T = 1002 - Construction/Demol	/TN	49920	29380	20540	

Tip Amt
Spec Amt
Tax

TOTAL CHARGE PAID:$ 0.00 CHANGE:$ 0.00

iver: Weighmaster: ROY B BEESON

otecting the environment for our future!

SANDPOINT LANDFILL

Carlsbad, New Mexico

ill Acct: BES-BRININSTOL Acct#: 03-0000562 Ticket#: 48115

ehicle# : BES PO#: Date: 08/20/02
T = 100 - Commercial Time In: 15:17
T = 1 - Charge # Time Out: 15:38

Material Types	Rate/UM	Gross	Tare	Net	Tip
T = 1002 - Construction/Demol	/TN	41120	29320	11800	

Tip Amt
Spec Amt
Tax

TOTAL CHARGE PAID:$ 0.00 CHANGE:$ 0.00

iver: Weighmaster: ROY B BEESON

otecting the environment for our future!

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Field Services

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-22-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Set Bin 09

Volume of Material ❑ Bbls. _____ ❑ Yard _____ ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Whitten (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NO 43344

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Field Services

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-22-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Set Bin 01

Volume of Material ❑ Bbls. _____ ❑ Yard _____ ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42245

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Field Services

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-23-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Sept Bin 03

Volume of Material ❑ Bbls. _____ ❑ Yard _____ ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No. 42272

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Field Services

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number 1-2 | Driver (Print) Jack

Date 8-23-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Set Bin 04

Volume of Material ❑ Bbls. _____ ❑ Yard _____ ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Josh Wattenbarger
(Signature)

CRI Representative Anthony Young
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42273

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JP

Date 8-26-02 | Time 7:30 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

SOILS

Volume of Material ❑ Bbls. _____ ☒ Yard 18 YARD ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 42309

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

Nº 2330

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 18YDS					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ 8-26-02

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388 (505) 393-1079

City/State Hobbs NM 88241 Telephone No.

89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-26-02

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8 26 02 730

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number 85 | Driver (Print) JD

Date 8-26-02 | Time 7:30 a.m. / (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Soils

Volume of Material ❑ Bbls. _____ ☒ Yard 14 yards ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42310

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2329

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bi-09
18405

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ 8-26-02

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O.Box 388 (505)-393-1079

City/State Hobbs NM 88241 Telephone No.

89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-26-02

Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8 26 02 730

Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-26-02 | Time 4:40 a.m. (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- (Soils)
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

#2374
Bin 08

Cont. Soil

Volume of Material ❑ Bbls. _____ (Yard) 18 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42311

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2374

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 08 18455					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ 8-26-02

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

505-393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-26-02 3:10pm

Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8-26-02 4:40Pm

Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number A-2 | Driver (Print) Jack

Date 8-26-02 | Time 7:50 a.m. / (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION #2375 Bin 04

Cont. Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 18 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Walkford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42312

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2375

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

B-04
18485

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment: 8-26-02

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CMI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — Date and time of Received: 8-26-02 6:45PM

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — Date and time of Received: 8-26-02 7:50Am

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-26-02 | Time 11:00 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

#2126
Bi-03

Cont. Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 18 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42313

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2126

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES				Bin 03 18 yds	

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-26-02 9:20 am

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8-26-02 11:00 am

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JP

Date 8-26-02 | Time 10:45 — (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Volume of Material ❑ Bbls. _____ ☑ Yard 18 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J. L. Smith (Signature)

CRI Representative (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42347

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2132

PART I: Generator El Paso Natral Gas
Address _____ ( ) _____
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center Washington Ranch Booster Station Permit No. _____

Property Name _____
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	10	Other Material		Pit No.	
DESCRIPTION / NOTES					
SOIL			18 yard		

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRF
Address PO BOX 388
City/State HOBBS NM

(505)393-1079
Telephone No.

89
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith
Signature of Transporter's Agent

8-26-02
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

8 26 02 1045 A
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Washinton Ranch Booster Station

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JP

Date 8-26-02 | Time 2:00 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Cont 50.25

Volume of Material ❑ Bbls. _____ ☒ Yard 18 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42356

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2133

PART I: Generator El Paso Natral Gas
Address _____ ( ) _____
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center Washinton Ranch Booster Station Permit No. _____

Property Name _____
(Well,Tank Battery,Plant,Facility)

OCD

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

18 yards

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address POBOX 388
City/State HOBBS NM 88240

(505)393-1079
Telephone No.
87
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

JD Smith 8-26-02
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8 26 02 2pm
Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-27-02 | Time 10:30 a.m. p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION #2127 Bin 03

Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 18 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42331

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2127

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 03 18405					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

8-27-02 8:15 AM
Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

K-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

8-27-02 8:15 AM
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

8-27-02 10:15 Am
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number A-2 | Driver (Print) Jack

Date 8-27-02 | Time 5:45 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

*2128
Bin 08

cont. soil

Sept 05
picked up 08

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Whitford
(Signature)

CRI Representative Dawson
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42360

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2128

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 08
20yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment: 8-27-02

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — Date and time of Received: 8-27-02 3:45pm

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — Date and time of Received: 8-27-02 5:45pm

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-27-02 | Time 9:30 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION #2129

Bin 04

Co-1 Soil

Set 08

picked up 04

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative Dawson (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42361

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

Nº 2129

PART I: Generator El Paso Natural Gas
Address
City/State
( ) Telephone No.

ORGINATION OF WASTE:

Operations Center Permit No.

Property Name Washington Ranch Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bm 04
20405

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

8-27-02
Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

8-27-02 7:15am
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc.
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388

(505)393-1079
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

8-27-02 9:30 PM
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 8-27-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Soils

Volume of Material ❑ Bbls. _____ ☒ Yard 18 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42463

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2134

PART I: Generator El Paso Natural Gas
Address _____ ( )
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center Washington Ranch Permit No. _____

Property Name Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin #
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address Box 388
City/State Hobbs NM 88240

393-1079
Telephone No.

~~[illegible]~~ 89
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 8-27-02 Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 8 27 02 Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 8-27-02 | Time _____ a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

SOILS

Volume of Material ☐ Bbls. _____ ☒ Yard 18 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42464

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2136

PART I: Generator _____
Address _____ ( ) _____
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center El Paso Natural Gas Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES
50 YDS

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address POBOX 388
City/State HOBBS NM

(505)393-1079
Telephone No.
89
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith — Signature of Transporter's Agent
8-29-02 — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent
8 27 02
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booste Station

Trucking Company McNally | Vehicle Number M15 | Driver (Print) Howard

Date 8 28 02 | Time 1100 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION # 2130

Bm 01

Cut Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Bernard Mark Sr. (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 42384

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2130

PART I: Generator El Paso Natural Gas
Address _____ ( ) _____
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center Washington Ranch Permit No. _____

Property Name Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES
Bin # 01
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRT 393-1079
Address Box 388 Telephone No.
City/State Hobbs NM 88240 McNabb
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 8-28-02 Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 8 28 02 1100 A Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washinton Ranch Booste Station

Trucking Company McNabb | Vehicle Number M15 | Driver (Print) Howard

Date 8 28 02 | Time 415 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2135

BH 01

Cont Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Howard Mabb Sr.
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42385

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2135

PART I: Generator El Paso Natural Gas
Address _____ ( )
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center Washington Ranch Permit No. _____

Property Name Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin # 01
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRT 393-1079 Telephone No.
Address Box 388
City/State Hobbs NM 88240 m Webb Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 8 2802 Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 92802 405P Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-28-02 | Time 7:30 a.m. (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2131
Bin 05

cont. soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42391

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2131

PART I: Generator El Paso Natural Gas
Address _____
City/State _____
( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 05 20 yds					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ 8-28-02
Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-28-02 5:145 PM
Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8-28-02 7:30 PM
Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 8-29-02 | Time 5:30 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2143
Bin 15

Cont. Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 30 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 42445

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2143

PART I: Generator El Paso Natural Gas

Address _____ ( )_____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin #5 30 YDS					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ 08/29/02

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 8-29-02 3:45PM

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 8-29-02 5:30Pm

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Booster Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 5-30-02 | Time 1:30 ~~a.m.~~ (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

#2144
Bin 08

Filters/Contsoil

Volume of Material ☐ Bbls. _____ ☒ Yard 25 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Walthall (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 42446

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2144

PART I: Generator El Paso Natural Gas
Address _____ ( ) _____
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Booster Station
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material	X	Pit No.	

DESCRIPTION / NOTES

Fin 08
25 YDS

Filters / Cont. Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — 8-30-02 Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

K-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 8-30-02 11:45 AM Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 8-30-02 1:30 PM Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-12-02 | Time 5:00 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2511
Bin 22

cont. soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43536

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2511

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 22 20405					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

A-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 11-12-02 3:00 pm Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 11-12-02 5:00 pm Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 17 | Driver (Print) Rick

Date 11-13-02 | Time 6:00 a.m. / (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Cont. Soils

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act(RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Ramirez
(Signature)

CRI Representative Anthony Richardson
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43540

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EL PASO NATURAL GAS PLANT

Lease Name WASHINGTON RANCH

Trucking Company RAMIREZ | Vehicle Number 17 | Driver (Print) _____

Date 11-13-02 | Time _____ a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Vanda (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43547

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EL PASO NATURAL GAS

Lease Name WASHINGTON RANCH

Trucking Company RAMIREZ | Vehicle Number 12 | Driver (Print) _____

Date 11-13-02 | Time 1:45 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Tesilla
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43549

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 5 | Driver (Print)

Date 11-13-02 | Time 1:45 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCP

DESCRIPTION

Cont Soil

Volume of Material ❑ Bbls. _____ ❑ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent arturo carrasco
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43550

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

72

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number | Driver (Print)

Date 11-13-02 | Time | a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

Cont. Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent arturo carrasco
(Signature)

CRI Representative Johnny Gurule
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43555

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company ~~ERR~~ Ramirez | Vehicle Number 17 | Driver (Print) Rick Gandara

Date ~~11/13/02~~ 11 14 02 | Time 1030 (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☑ Soils OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Volume of Material ❑ Bbls. _____ ☑ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Dart
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43541

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company Romicz | Vehicle Number 12 | Driver (Print) Tommy

Date 11-14-02 | Time 8:20 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

CONT. SOIL

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Tesillo
(Signature)

CRI Representative David Power
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43556

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2556

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Material	_____	Pit No.	_____
DESCRIPTION / NOTES				Bin 23 20405	

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-23-02 1245 PM
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-23-02 2:30 PM
Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-14-02 | Time 9:30 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2512
Bin 23
Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 25 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43557

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2512

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Material	_____	Pit No.	_____

DESCRIPTION / NOTES

Bin 23
25 YDS

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRT

Address P.O. Box 388

City/State Hobbs, NM

(505)393-1079

Telephone No.

R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-14-02 7:00 Am

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-14-02 9:30 Am

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number 85 | Driver (Print) JD

Date 11-14-02 | Time 9:45 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

Cont Soils

Volume of Material ☐ Bbls. _____ ☒ Yard 25 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43558

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2525

PART I: Generator El Paso Natral Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washaton Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	0	Other Material		Pit No.	

DESCRIPTION / NOTES

DIRT/Wood/Trash

25 yards

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)393-1079

Address PO Box 388 Telephone No.

City/State Hobbs NM 85

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-14-02

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11 14 02 945A

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 12 | Driver (Print) Tommy

Date 11 14 02 | Time 1145 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☒ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill 20 Yds

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Tosillo
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NO 43561

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 05 | Driver (Print) Astolfo Carrasco

Date 11 14 02 | Time 1145 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Cont Soil

backfill 20 Yds

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Astolfo Carrasco
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43562

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Washington Ranch Station

Trucking Company CRF | Vehicle Number 89 | Driver (Print) JD

Date 11-14-02 | Time 1:40 a.m. (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2526
Bi-24

Cont Soils

20 Yds Back Fill Caliche

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith
(Signature)

CRI Representative Anthony Richard
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43564

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2526

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	20	Other Material		Pit No.	
DESCRIPTION / NOTES					
Cont Soils					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)393-1079

Address PO Box 388 Telephone No.

City/State Hobbs NM 88240 89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith 10-14-02

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent 10/14/02

Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-14-02 | Time 1:40 a.m. / ~~p.m.~~

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ~~☐ Soils~~
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

#2513
Bin 22

Backfill 20 Yds

Volume of Material ☐ Bbls. _____ ☐ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43565

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 12 | Driver (Print) Tommy

Date 11 14 02 | Time 500 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ ~~Soils~~ OCD
- ☐ Fluids
- ☒ ~~Other Material~~
- List Description Below

DESCRIPTION

Cont Soil

Backfill 20 Yds

Volume of Material ☐ Bbls. _____ ☒ ~~Yard~~ 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Tesillo
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43567

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 17 | Driver (Print) Rick Gamboa

Date 11 14 02 | Time 500 a.m. / (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ~~❑ Soils~~ OCD
- ❑ Fluids
- ~~❑~~ Other Material
- List Description Below

DESCRIPTION

Cont So. 1

Backfill 20 Yds

Volume of Material ❑ Bbls. _____ ~~❑~~ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Gamboa
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43568

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to ____________________

Address ____________________

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 5 | Driver (Print) Astolfo Carrasco

Date 11 14 02 | Time 500 a.m./p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 ____________
- ☐ Tank Bottoms
- C117 ____________
- ☑ Soils
- ☐ Fluids
- ☑ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Landfill 20Yds

Volume of Material ☐ Bbls. ________ ☑ Yard 20 ☐ Gallons ________

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent astolfo carrasco
(Signature)

CRI Representative ____________________
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43569

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 11-14-02 | Time 5:45 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soils/ Ben26

Back Fill Caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 22 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43583

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2527

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch Station

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	6	Other Material		Pit No.	

DESCRIPTION / NOTES

Cont Soils

Ben 26

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address PO Box 388

City/State Hobbs NM

(505)393-1079

Telephone No.

89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith 11-14-02

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11 14 02 5951

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-7079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-14-02 | Time 6:00 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

#2514
Bin 15

Cont. Soil

Back fill caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 22 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jan Washington
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43584

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-7079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-15-02 | Time 8:45 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2515
Bin 14

Cont. Soil

Back Fill caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Whitington
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43585

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2515

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 14
20405

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent _____ Date and time of Shipment _____

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent _____ Date and time of Received 11-15-02 7:00Am

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent _____ Date and time of Received 11-15-02 8:45Am

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Nat Ral Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number 8 9 | Driver (Print) JD

Date 11-15-02 | Time 10:10 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Cont Soils

Backfill 20 Yds

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43588

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2528

PART I: Generator El Paso Natural Gas

Address _____ ( ) _____

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Comp. Soils

20 yards

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address PO BOX 388

City/State HOBBS NM 88240

(505)393-1079 Telephone No.

89 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith Signature of Transporter's Agent

11-15-02 Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

11 15 02 D10 A

Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington

Trucking Company Ramirez | Vehicle Number 5 | Driver (Print) Astolfo Carasco

Date 11 15 02 | Time 1100 (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Cont Soil

~~Soil 20 Yds~~

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Astolfo Carasco
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43589

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington

Trucking Company Ramirez | Vehicle Number 12 | Driver (Print) Tommy

Date 11 15 02 | Time 1100 (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ ~~Soils~~ OCD
- ☒ ~~Other Material~~
- List Description Below

DESCRIPTION

Cut Soil

Volume of Material ❑ Bbls. _____ ☒ ~~Yard~~ 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Trujillo
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43590

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EL PASO NATURAL GAS

Lease Name Washington Ranch

Trucking Company Pameriez | Vehicle Number 17 | Driver (Print) RICK

Date 11-15-02 | Time 12:30 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

CONT. SOIL

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Bandara
(Signature)

CRI Representative David Rivera
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43591

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-15-02 | Time 1:00 a.m. p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2516
Bin 24

Cont. Soil

20 Yds Back Fill caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43592

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2516

PART I: Generator El Paso Natural Gas

Address _____

City/State _____

( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					Bin 24 20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CEI

Address P.O. Box 388

City/State Hobbs NM 88241

(505)3931079
Telephone No.

X-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

11-15-02 11:00 AM
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388

City/State Hobbs, N.M. 88241-0388
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

11-15-02 1:00 PM
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Washinton Ranch Station

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 11-15-02 | Time 2:00 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Coal + Soils Ben26

20 YDS Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 22 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J D Smith
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43594

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2529

PART I: Generator El Paso Natural Gas
Address
City/State
( ) Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Cont Soils

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address PO Box 388
City/State Hobbs NM 88240

(505)393-1079 Telephone No.
89 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith — Signature of Transporter's Agent
11-15-02 — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent
11 15 02 2:00P Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-15-02 | Time 5:30 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2517 Bin 23

Cont. Soil

Back Fill Caliche

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43599

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2517

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES				Bin 23 20 yds	

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent _____ Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent _____ 11-15-02 3:00PM
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent _____ 11-15-02 5:30PM
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso NG+Rad Gas

Lease Name Washington Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 11-15-02 | Time 6:00 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Backfill 20 Yds

Cont Soils

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43600

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2530

PART I: Generator El Paso Natral Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	20	Other Material		Pit No.	
DESCRIPTION / NOTES					
Cont Soils					
20 yards					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)393-1079

Address PO Box 388 Telephone No.

City/State Hobbs NM 88240 89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

JD Sweet 11-15-02

Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11 15 02 600

Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-16-02 | Time 8:45 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2518
Bin 05

Cont. Soil

Back Fill Caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43604

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2518

PART I: Generator El Paso Natural Gas

Address _____

City/State _____

( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	10	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 05
20405

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

11-16-02 7:00 Am
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc.

Address P.O. Box 388

City/State Hobbs, N.M. 88241-0388

(505)393-1079
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

11-16-02 8:45 Am
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-7079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-16-02 | Time 12:15 a.m. (p.m)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION #2519 Bin 22

Cont. Soil

Back Fill caliche

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Whitford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No. 43605

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2519

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 22
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 11-16-02 10:30 AM Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — 11-16-02 12:15 Pm Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-16-02 | Time 4:15 a.m. / (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

2520
B-01

Cont. Soil

Back Fill caliche

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Walthall
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43606

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2520

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	yp	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 01
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent _____ Date and time of Shipment _____

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRT

Address P.O. Box 388

City/State Hobbs, NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent _____ 11-16-02 2:00 pm
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent _____ 11-16-02 4:15 pm
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-18-02 | Time 5:00 a.m. / (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2568 Bin 14

cont. Soil

Backfill caliche

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43615

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2568

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 14
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs NM 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-18-02 2:50 Pm

Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388

City/State Hobbs, N.M. 88241-0388 Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-18-02 5:00 Pm

Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-19-02 | Time 8:30 ~~a.m.~~ p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2551

Bin 15

Cont. Soil

Back Fill caliche

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43616

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 7 | Driver (Print) Frank Ballard

Date 11 19 02 | Time 930 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43617

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 8 | Driver (Print) Mitchell Ballard

Date 11 19 02 | Time 930 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ~~☐ Soils~~
- ☑ Other Material
- List Description Below

OCD

DESCRIPTION

Contsoil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Mitchell Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43618

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 5 | Driver (Print) Chris Necaise

Date 11 19 02 | Time 930 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank Ballard (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43619

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Gomez | Vehicle Number 35 | Driver (Print) Henry

Date 11 19 02 | Time 9 45 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils OCD
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Henry Gomez (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43620

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Joe Markel | Vehicle Number 3 | Driver (Print) Joe Markel

Date 11 19 02 | Time 945 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Backfill Cut Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Joe Markel
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43621

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Gomez | Vehicle Number 35 | Driver (Print) Henry

Date 11 19 02 | Time 130 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Henry Gomez
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43622

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Gonzales Market | Vehicle Number 3 | Driver (Print) Joe Market

Date 11 19 02 | Time 130 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Joe Market
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43623

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 11 | Driver (Print) Rick

Date 11 19 02 | Time 1115 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Vandara
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43624

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 5 | Driver (Print) Chris Necaise

Date 11 19 02 | Time 1:30 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut No. 1

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank Ballard (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43625

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washing Tar Ranch

Trucking Company K+L | Vehicle Number 8 | Driver (Print) Mitchell Ballard

Date 11 19 02 | Time 1:30 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☐ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank A Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43626

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company KHL | Vehicle Number 7 | Driver (Print) Frank Ballard

Date 11 19 02 | Time 1:30 a.m. p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☑ Soils
- ❑ Fluids
- ☑ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill

Volume of Material ❑ Bbls. _____ ☑ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank A Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43627

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 13 | Driver (Print) Tommy

Date 11 19 02 | Time 1115 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Fesilla
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43628

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 5 | Driver (Print) Astolfo

Date 11 19 02 | Time 1145 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Backfill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Astolfo Corrales
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43629

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 13 | Driver (Print) Tommy

Date 11 19 02 | Time 315 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ~~☐ Soils~~
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Tommy Tesillo
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43630

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 11 | Driver (Print) Rick

Date 11 19 02 | Time 315 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☑ Soils
- ☐ Fluids
- ☑ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Sol

Volume of Material ☐ Bbls. _____ ☑ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Rick Bandara Jr. (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43631

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Ramirez | Vehicle Number 5 | Driver (Print) Astolfo

Date 11 / 9 / 02 | Time 330 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Contsoil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Astolfo. Contreras
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No. 43632

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 5 | Driver (Print) Chris Neeaise

Date 11 19 02 | Time 430 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ~~❑ Soils~~
- ❑ Fluids
- ~~❑~~ Other Material
- List Description Below

OCD

DESCRIPTION

Cont Soil

Landfill

Volume of Material ❑ Bbls. _____ ~~❑~~ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank A Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43636

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K&L | Vehicle Number 7 | Driver (Print) Frank

Date 11 19 02 | Time 430 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Backfill

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Frank A Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43637

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company K+L | Vehicle Number 8 | Driver (Print) Mitchell

Date 11 19 02 | Time 430 a.m. (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut Soil

Backfill

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations, and not mixed with non-exempt wastes.

Agent Frank A Ballard
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NS 43638

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EDNG

Lease Name Washington Ranch

Trucking Company Martel | Vehicle Number 3 | Driver (Print) Joe

Date 11 19 02 | Time 515 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ~~❑ Soils~~ OCD
- ~~❑~~ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Backfill

Volume of Material ❑ Bbls. _____ ~~❑~~ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NO 43639

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Gomez | Vehicle Number 35 | Driver (Print) Henry

Date 11 / 9 / 02 | Time 515 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Cut So.1

Backfill

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature) Henry Gomez

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43640

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-19-02 | Time 5:00 a.m. / (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2552
Bin 14

Cont. Soil

Back Fill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43655

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

No 2552

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	10	Other Material		Pit No.	
DESCRIPTION / NOTES					Bin 14 20YDS

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)392-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-19-02 2:45PM
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-19-02 5:00PM
Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-20-02 | Time 9:00 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION #2553

Bx 10

cont. Soil

Back Fill

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NO. 43661

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2553

PART I: Generator El Paso Natural Gas
Address _____
City/State _____
( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	20	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 10 20 yds					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393 1079
Telephone No.
R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-20-02 7:00 AM
Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-20-02 9:00 AM
Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Washington Ranch

Trucking Company Gomez | Vehicle Number 35 | Driver (Print) Henry

Date 11 20 02 | Time 1000 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ~~❑ Soils~~ OCD
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Cont Soil

Backfill

Volume of Material ❑ Bbls. _____ ~~❑ Yard~~ 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Henry Gomez (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43665

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to

Address

Company/Generator El Paso Nat Gas

Lease Name Washinton Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 11-20-02 | Time 2:20 a.m. / p.m. (p.m. circled)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 ____
- ☐ Tank Bottoms
- C117 ____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

20 yards Back Fill

Cont Sols

Volume of Material ☐ Bbls. ____ ☒ Yard 20 ☐ Gallons ____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent JD Smith (Signature)

CRI Representative [signature] (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43673

White - CRI Canary - CRI Accounting Pink - CRI Plant Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2537

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES
Cont Soils
20 yards

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address PO Box 388 505 3931079

City/State Hobbs NM Telephone No.

89

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

J D Smith 11-20-02

Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

_____

Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-22-02 | Time 2:30 a.m. (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

OCD

DESCRIPTION

#2554
Bin 14

cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Wathen
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43747

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2554

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material	X	Pit No.	

DESCRIPTION / NOTES

B-14
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ Signature of Generator's Authorized Agent

_____ Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs, NM 88241

(505)393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Jack Walton Signature of Transporter's Agent

11-22-02 12:45 pm Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc.

Address P.O. Box 388

City/State Hobbs, N.M. 88241-0388

(505)393-1079 Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Stan Gregory Signature of Facility Agent

11-22-02 2:30 pm Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-23-02 | Time 11:00 (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2555 Bin 15

Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jake Matthews (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43751

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2555

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch

(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 15 2048					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ Signature of Generator's Authorized Agent

_____ Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079

Address PO Box 388 Telephone No.

City/State Hobbs, NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ Signature of Transporter's Agent

11-23-02 9:30Am Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ Signature of Facility Agent

11-23-02 11:00Am Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-23-02 | Time 2:30 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

#2556
Bin 23

Cont Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43752

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-23-02 | Time 6:00 a.m. / ~~p.m.~~

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2557 Bm 25

Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Whitford (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No 43753

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2557

PART I: Generator El Paso Natural Gas
Address
City/State
( ) Telephone No.

ORGINATION OF WASTE:

Operations Center ______ Permit No. ______

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES
B-25
20405

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241
(505) 393-1079 Telephone No.
R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — 11-23-02 4:15pm Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:
Name Controlled Recovery, Inc.
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388
(505)393-1079 Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Stan [signature] Signature of Facility Agent — 11-23-02 6:00pm Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-25-02 | Time 10:15 a.m. / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2558
Bin 13

cont. soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

NO 43819

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2558

PART I: Generator El Paso Natural Gas
Address _____ ( )
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 13
20455

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs NM 88241 R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-25-02 8:30Am
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-25-02 10:15Am
Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-25-02 | Time 2:15 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☒ Soils
- ☐ Fluids
- ☐ Other Material
- List Description Below

DESCRIPTION

2559
Bin 08

Cont. Soil

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Walters (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

No. 43821

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2559

PART I: Generator El Paso Natural Gas
Address _____
City/State _____
( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Land
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	20	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bio 08 20 yds					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-25-02 12:15PM
Signature of Transporter's Agent — Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-25-02 2:05PM
Signature of Facility Agent — Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number A-2 | Driver (Print) Jack

Date 11-25-02 | Time 7:00 a.m. (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ ~~❑~~ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2560 Bin 26

Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ ~~❑~~ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No. 43822

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2560

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 26
20 yds

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ 11-25-02 4:00 PM
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 11-25-02 7:00PM
Signature of Facility Agent Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-26-02 | Time 10:15 (a.m.) / p.m.

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION #2561 Bin 22

cont. soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43836

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2561

PART I: Generator El Paso Natural Gas
Address _____ ( )
City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	∞	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 22
30 YDS

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI
Address P.O. Box 388
City/State Hobbs NM 88241

(505) 393-1079
Telephone No.

R-2
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Jack Walford
Signature of Transporter's Agent

11-26-02 8:15 AM
Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079
Address P.O. Box 388
City/State Hobbs, N.M. 88241-0388
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Stan Gregory
Signature of Facility Agent

11-26-02 10:15 Am
Date and time of Received

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-26-02 | Time 2:00 a.m. (p.m)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2562
Bin 05

Cont Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Westbrook
(Signature)

CRI Representative John T. Sargent
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No 43860

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2562

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	
DESCRIPTION / NOTES					
Bin 05 20 yds					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ Signature of Generator's Authorized Agent

_____ Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI

Address P.O. Box 388

City/State Hobbs nm 88241

(505) 393-1079 Telephone No.

R-2 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ Signature of Transporter's Agent

11-26-02 12:00Pm Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ Signature of Facility Agent

11-26-02 2:00Pm Date and time of Received

John T. Sturgeon 11-26-02 2:00PM

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name Washington Ranch Station

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 11-26-02 | Time 6:00 a.m. (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ☒ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

#2563
Bin 24

Cont. Soil

Volume of Material ❑ Bbls. _____ ☒ Yard 20 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative John T. Sluyter (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

No. 43861

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

NON-HAZARDOUS WASTE MANIFEST

№ 2563

PART I: Generator El Paso Natural Gas

Address _____ ( )

City/State _____ Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Washington Ranch
(Well,Tank Battery,Plant,Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION / NOTES

Bin 24
~~30~~ 4 YS
20

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify the the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent Date and time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs NM 88241 R-2

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

John Weatherford 11-26-02 4:00pm
Signature of Transporter's Agent Date and time of Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. (505)393-1079

Address P.O. Box 388 Telephone No.

City/State Hobbs, N.M. 88241-0388

CERTIFICATION: I certify that the ~~waste~~ described in Part I was received by me via the transporter described in Part II.

Stan Gregory 11-26-02 6:00pm
Signature of Facility Agent Date and time of Received

John T. Shugart 11-26-02 6:00PM

B-27958

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EL PASO

Lease Name Washington Ranch SMART Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 12-11-02 | Time 5:45 a.m. / (p.m.)

Type of Material

- ❑ Exempt
- ❑ Non-Exempt
- C138 _____
- ❑ Tank Bottoms
- C117 _____
- ❑ Soils
- ❑ Fluids
- ❑ Other Material
- List Description Below

DESCRIPTION

Trash / Wood / Cement

1 Load Backfill

25 yards

Volume of Material ❑ Bbls. _____ ☒ Yard 25 ❑ Gallons _____

❑ Wash Out ❑ Call Out ❑ After Hours ❑ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent J P Smith (Signature)

CRI Representative Anthony Galindo (Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 43990

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to ______________________

Address ______________________

Company/Generator El Paso Natural Gas

Lease Name Smart Ranch

Trucking Company CRI | Vehicle Number R-2 | Driver (Print) Jack

Date 12-11-02 | Time 3:00 a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Tank Bottoms
- ☐ Fluids
- ☐ Non-Exempt
- C117 ______________
- ☐ Other Material
- C138 ______________
- ☒ Soils
- List Description Below

DESCRIPTION #2564

Set 10

picked up 25

Concrete/Dirt/Boards

Back Fill 20 YDS

Volume of Material ☐ Bbls. ________ ☒ Yard 20 ☐ Gallons ________

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Jack Weatherford
(Signature)

CRI Representative [signature]
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43991

White - CRI Canary - CRI Accounting Pink - CRI Plant Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natural Gas

Lease Name SMART Ranch

Trucking Company CRI | Vehicle Number 89 | Driver (Print) JD

Date 12-12-02 | Time 12:00 a.m. / (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Trash / Wood / Cement /

1 Load Backfill 25 yards

Volume of Material ☐ Bbls. _____ ☒ Yard 25 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43994

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator El Paso Natral Gas

Lease Name Smart Ranch

Trucking Company CRI | Vehicle Number 85 | Driver (Print) JD

Date 12-12-02 | Time 4:30 a.m. (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION

Trash/Wood/Cement

25 yards Bakefile

Volume of Material ☐ Bbls. _____ ☒ Yard 25 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43996

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.
P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to ______

Address ______

Company/Generator EPNG

Lease Name ~~Washington Ranch~~ Smart Ranch

Trucking Company [illegible]	Vehicle Number 15	Driver (Print) LUPE

Date 12-13-02	Time 7:45 NOON (a.m.) (p.m.)

Type of Material

☐ Exempt ☐ Tank Bottoms ☐ Fluids

☐ Non-Exempt C117______ ☒ Other Material

C138 ______ ☐ Soils OCD List Description Below

DESCRIPTION

Washington Ranch / 20 Yds BACKFILL

Smart / TRASH + Debris

Volume of Material ☐ Bbls. ______ ☒ Yard 20 ☐ Gallons ______

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Lupe Granados
(Signature)

CRI Representative [signature]
(Signature)

TANK BOTTOMS

	Feet	Inches				
1st Gauge			BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

№ 43999

White - CRI Canary - CRI Accounting Pink - CRI Plant Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EPNG

Lease Name Smart Ranch

Trucking Company ALP | Vehicle Number 105 | Driver (Print) Alan's Pando

Date 12 13 02 | Time 745 1000 (a.m.) / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

OCD

DESCRIPTION

Washington Ranch / 20 Yds Backfill

Smart Ranch / Trash + Debris

Volume of Material ☐ Bbls. _____ ☒ Yard 20 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent Luis Pando
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 44000

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator EL PASO NATURAL GAS

Lease Name SMART RANCH

Trucking Company CRI | Vehicle Number 89 | Driver (Print) DAVID POE

Date 12-13-02 | Time 12:30 (a.m.) (p.m.)

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☒ Other Material
- List Description Below

DESCRIPTION

#2545
BIN #26

BOARDS / CONCRETE / DIRT

* BACKFILL 20 yds

Volume of Material ☐ Bbls. _____ ☒ Yard 30 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent William David Poe
(Signature)

CRI Representative _____
(Signature)

TANK BOTTOMS

	Feet	Inches			
1st Gauge			BBLS Received		BS&W %
2nd Gauge			Free Water		
Received			Total Received		

№ 44004

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

Price, Wayne

From: Price, Wayne
Sent: Thursday, March 06, 2003 3:48 PM
To: 'cwwr@dynegy.com'
Cc: Mark Larson (E-mail)
Subject: Dynegy Eunice Middle Gas Plant GW-005

Contacts: Cal Wrangham

Dear Mr. Wrangham:

The New Mexico Oil Conservation Division (OCD) is in receipt of the February 11, 2003 Subsurface Investigation submitted by Larson & Associates Inc on behalf of Dynegy Midstream Services, L.P. After reviewing the plan it appears that additional monitor wells are needed east,south and west of the plant. Please proceed with installing wells in these areas. Please properly locate, install, construct, develop, purge, sample and analyze pursuant to previously approved OCD request and EPA methods. Provide the results along with another complete round of sampling on all of the wells by May 15, 2003. Also, OCD request that Dynegy take into consideration density gradient effects of any contamination.

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

Larson & Associates, Inc.
Environmental Consultants

February 11, 2003

VIA FACSIMILE: (505) 476-3462

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Subsurface Investigation Report, Dynegy Midstream Services, L.P., Eunice Gas Plant (GW-005), UL B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:
Dynegy Midstream Services, L.P. (Dynegy) has retained Larson and Associates, Inc. (LA) to conduct subsurface investigations at its Eunice Gas Plant (Facility) located in Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. The investigations were performed on April 9, 2002, and August 6 through August 9, 2002, in accordance with procedures specified by the New Mexico Oil Conservation Division (NMOCD) in a letter dated December 26, 2001. Three (3) monitoring wells (MW-1 through MW-3) were installed at the Facility on April 9, 2002. Eight (8) wells (MW-4 through MW-11) were installed from August 6 through 9, 2002. A summary report, including monitoring well installation records, boring logs, and soil and groundwater analyses for wells MW-1 through MW-3 was submitted to the NMOCD on June 7, 2002. This Subsurface Investigation report presents the results of the August 2002 well installations, and a proposal for groundwater monitoring.

Eight (8) monitoring wells (MW-4 through MW-11) were installed south, west and north of the Facility to determine the extent of impact to groundwater from dissolved benzene, toluene, ethylbenzene, xylene (referred to as BTEX), chromium, chloride and total dissolved solids (TDS). Figure 1 presents the location of the Facility. Figure 2 presents a Facility drawing. Table 1 presents a summary of well drilling and completion details. Appendix A presents the boring logs and well construction diagrams.

Soil samples were collected for headspace analysis, but no laboratory tests were performed on the soil samples since the wells were installed at locations where soil impacts were not anticipated. The monitoring wells were developed by bailing until groundwater was visibly clear of fine-grained sediment. Groundwater samples were collected from the wells on September 5–6, 2002, and November 6–7, 2002. The samples were collected for BTEX, anion, cation solids TDS and metals analysis. Table 2 presents a summary of the organic analyses. Table 3 presents a summary of the metals

analyses. Table 4 presents a summary of the general inorganic analyses. Appendix B presents the laboratory reports.

Referring to Table 2, an elevated level of benzene was reported in the sample from well MW-11. The direction of groundwater flow suggests that the impact is migrating to the southeast from a source located off-site and northwest of the Facility. The impact appears to be unrelated to operations at the Facility. Elevated levels of benzene were also reported in wells MW-3, located
southeast of the Facility, and MW-6, located southwest of the Facility. Analyses of benzene concentrations in groundwater at wells MW-2 and MW-4, suggest that the elevated benzene in MW-3 is localized. Additional groundwater monitoring is proposed to further evaluate the extent of the benzene impact at well MW-6. Additional groundwater samples were collected from monitoring wells MW-3, MW-6 and MW-11 on November 6–7, 2002, to verify results obtained on September 5–6, 2002. The BTEX analyses on November 6–7, 2002 were consistent with results obtained on September 5–6, 2002. No BTEX impacts were reported from the remaining wells. Figure 5 presents a dissolved benzene concentration map.

Referring to Table 3, dissolved chromium was observed above the New Mexico Water Quality Control Commission (NMWQCC) human health standard of 0.05 milligrams per liter (mg/L) in the samples from well MW-1 on September 5, 2002 (0.174 mg/L) and November 7, 2002 (0.184 mg/L). The dissolved chromium appears to be confined to the Facility. Barium exceeded the NMWQCC human health standard of 1.0 mg/L at well MW-3 (3.22 mg/L) on September 5, 2002. No metal impacts were reported from the remaining wells.

Referring to Table 4, background levels for chloride, TDS and sulfate, measured at the upgradient (north) boundary of the Facility (MW-9, MW-10 and MW-11) were below the NMWQCC domestic water quality standards of 250 mg/L, 1000 mg/L and 600 mg/L, respectively. The TDS level in well MW-10 on November 7, 2002 was 1020 mg/L. The chloride and TDS values from all wells, except MW-9, MW-10 and MW-11, exceeded the NMWQCC standards. Figure 4 presents an isopleth map of chloride in groundwater. Sulfate levels exceeded the NMWQCC standards in samples from wells MW-1, MW-2, MW-4 and MW-7.

Proposed Work Plan

Dynegy proposes to conduct additional groundwater monitoring at the Facility, to evaluate the extent and/or containment of the benzene, chromium, chloride and TDS impacts. Dynegy proposes quarterly groundwater monitoring of the eleven (11) wells for anion, cation, BTEX and dissolved metals analysis. Following four quarters of monitoring, an annual report will be submitted to the NMOCD, detailing the results of

groundwater monitoring. The NMOCD will be notified at least 48 hours before each sampling event.

Please call Mr. Cal Wrangham at (915) 688-0542 or myself at (915) 687-0901 if you have questions. I may also be contacted by e mail at cindy@laenvironmental.com.

Sincerely,
Larson and Associates, Inc.

Cindy K. Crain
Geologist/Project Manager

Encl.

cc: Cal Wrangham - Dynegy
James Lingnau - Dynegy
Chris Williams – NMOCD, District 1

Tables

Table 1: **Summary of Monitoring Well Drilling and Completion Details**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Lea County, New Mexico

Well Number	Date Drilled	Ground Elevation (Feet AMSL)	Top of Casing Elevation (Feet AMSL)	Drilled Depth (Feet BGS)	Well Depth (Feet TOC)	Well Diameter (Inches)	Screen Interval (Feet BGS)	Depth to Groundwater 11-06-02 (Feet TOC)
MW-1	4/9/2002	3416.39	3418.44	60.0	62.05	2	40.17 - 59.79	51.41
MW-2	4/9/2002	3392.80	3394.94	40.0	42.14	2	19.17 - 38.79	28.51
MW-3	4/9/2002	3395.97	3398.46	40.0	42.49	2	19.47 - 39.09	26.18
MW-4	8/6/2002	3385.73	3388.21	35.0	37.48	2	14.87 - 34.49	25.28
MW-5	8/6/2002	3394.29	3396.84	40.0	42.55	2	19.87 - 39.49	30.84
MW-6	8/6/2002	3401.15	3403.74	52.0	54.59	2	31.87 - 51.49	40.40
MW-7	8/7/2002	3417.25	3419.71	60.0	62.46	2	39.87 - 59.49	53.80
MW-8	8/7/2002	3428.66	3431.01	75.0	77.35	2	54.87 - 74.49	63.33
MW-9	8/7/2002	3418.14	3420.59	60.0	62.45	2	39.87 - 59.49	52.69
MW-10	8/9/2002	3403.31	3405.73	47.0	49.42	2	26.87 - 46.49	38.10
MW-11	8/8/2002	3395.51	3398.01	47.0	49.51	2	30.87 - 50.49	33.01

Notes:
Wells MW-1 through MW-11 installed by Scarborough Drilling, Inc., Lamesa, Texas
1. BGS: Depth in feet below ground surface
2. AMSL: Elevation in feet above mean sea level
3. TOC: Depth in feet below top-of-casing

Table 2: Summary of BTEX and PAH Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	MW-1	<0.001	
Toluene	4/23/2002	MW-1	<0.001	
Ethylbenzene	4/23/2002	MW-1	<0.001	
M,P,O-Xylene	4/23/2002	MW-1	<0.001	
Total BTEX	**4/23/2002**	**MW-1**	**<0.001**	
Naphthalene	4/23/2002	MW-1		<0.0002
Acenaphthylene	4/23/2002	MW-1		<0.0002
Acenaphthene	4/23/2002	MW-1		<0.0002
Fluorene	4/23/2002	MW-1		<0.0002
Phenanthrene	4/23/2002	MW-1		<0.0002
Anthracene	4/23/2002	MW-1		<0.0002
Fluoranthene	4/23/2002	MW-1		<0.0002
Pyrene	4/23/2002	MW-1		<0.0002
Benzo(a)anthracene	4/23/2002	MW-1		<0.0002
Chrysene	4/23/2002	MW-1		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-1		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-1		<0.0002
Benzo(a)pyrene	4/23/2002	MW-1		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-1		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-1		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-1		<0.0002
Total PAH	**4/23/2002**	**MW-1**		**<0.0002**

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	MW-2	0.0083	
Toluene	4/23/2002	MW-2	0.0062	
Ethylbenzene	4/23/2002	MW-2	0.0012	
M,P,O-Xylene	4/23/2002	MW-2	0.0053	
Total BTEX	**4/23/2002**	**MW-2**	**0.021**	
Naphthalene	4/23/2002	MW-2		<0.0002
Acenaphthylene	4/23/2002	MW-2		<0.0002
Acenaphthene	4/23/2002	MW-2		<0.0002
Fluorene	4/23/2002	MW-2		<0.0002
Phenanthrene	4/23/2002	MW-2		<0.0002
Anthracene	4/23/2002	MW-2		<0.0002
Fluoranthene	4/23/2002	MW-2		<0.0002
Pyrene	4/23/2002	MW-2		<0.0002
Benzo(a)anthracene	4/23/2002	MW-2		<0.0002
Chrysene	4/23/2002	MW-2		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-2		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-2		<0.0002
Benzo(a)pyrene	4/23/2002	MW-2		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-2		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-2		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-2		<0.0002
Total PAH	**4/23/2002**	**MW-2**		**<0.0002**

Table 2: Summary of BTEX and PAH Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	MW-3	0.193	
Toluene	4/23/2002	MW-3	0.0054	
Ethylbenzene	4/23/2002	MW-3	0.0396	
M,P,O-Xylene	4/23/2002	MW-3	0.101	
Total BTEX	**4/23/2002**	**MW-3**	**0.339**	
Benzene	5/14/02	MW-3	0.379	
Toluene	5/14/02	MW-3	<0.005	
Ethylbenzene	5/14/02	MW-3	0.108	
M,P,O-Xylene	5/14/02	MW-3	0.184	
Total BTEX	**5/14/02**	**MW-3**	**0.671**	
Naphthalene	4/23/2002	MW-3		<0.0002
Acenaphthylene	4/23/2002	MW-3		<0.0002
Acenaphthene	4/23/2002	MW-3		<0.0002
Fluorene	4/23/2002	MW-3		<0.0002
Phenanthrene	4/23/2002	MW-3		<0.0002
Anthracene	4/23/2002	MW-3		<0.0002
Fluoranthene	4/23/2002	MW-3		<0.0002
Pyrene	4/23/2002	MW-3		<0.0002
Benzo(a)anthracene	4/23/2002	MW-3		<0.0002
Chrysene	4/23/2002	MW-3		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-3		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-3		<0.0002
Benzo(a)pyrene	4/23/2002	MW-3		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-3		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-3		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-3		<0.0002
Total PAH	**4/23/2002**	**MW-3**		**<0.0002**

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	Duplicate	0.226	—
Toluene	4/23/2002	Duplicate	<0.005	—
Ethylbenzene	4/23/2002	Duplicate	0.0491	—
M,P,O-Xylene	4/23/2002	Duplicate	0.113	—
Total BTEX	**4/23/2002**	**Duplicate**	**0.388**	—

Notes: Analyses performed by TraceAnalysis, Inc., Lubbock, Texas
Duplicate sample analyzed on MW-3

1. ppm: Concentration in parts per million
2. mg/L: Concentration in milligrams per liter
3. ug/L: Concentration in micrograms per liter
4. <: Concentration below test method detection limit
5. -- No data available

Table 2: Summary of BTEX Analysis of Groundwater Samples
Dynegy Midstream Services, L.P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl benzene (mg/L)	m/p/o Xylene (mg/L)	Total BTEX (mg/L)
Standard (WQCC)		0.01	0.75	0.75	0.62	
MW-1	4/23/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-2	4/23/2002	0.008	0.006	0.001	0.005	0.021
MW-3	4/23/2002	0.193	0.005	0.040	0.101	0.339
Duplicate	4/23/2002	0.226	<0.005	0.049	0.113	0.388
MW-3	5/14/2002	0.379	<0.005	0.108	0.184	0.671
MW-1	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-2	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-3	9/5/2002	0.759	0.574	0.005	0.367	1.705
	11/6/2002	1.00	<0.010	0.604	0.619	<2.233
MW-4	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-5	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-6	9/5/2002	0.136	0.307	0.003	0.229	0.675
	11/6/2002	0.102	<0.010	0.212	<0.219	<0.543
MW-7	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-8	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-9	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-10	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-11	9/6/2002	5.05	0.052	0.024	0.167	5.293
	11/7/2002	5.01	0.012	0.053	0.154	5.229
Duplicate (MW-7)	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
Duplicate (MW-3)	11/6/2002	1.05	<0.010	0.655	0.673	<2.388
Duplicate (MW-11)	11/7/2002	5.00	0.018	0.053	0.179	5.250

Notes:
Analyses of samples collected 4/23/02 and 5/14/02 conducted by TraceAnalysis, Inc., Lubbock, Texas
Analyses of samples collected 9/5/, 9/6, 11/6 and 11/7/02 conducted by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. mg/L: Concentration in milligrams per liter
2. <: Concentration below test method detection limit
3. —: No data available
4 Duplicate sample of 4/23/02 event collected from MW-3

Table 3: **Summary of Dissolved Metals Analyses of Groundwater Samples**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Lea County, New Mexico

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		0.1	1.0	0.01	0.05	0.2	1.6	0.05	0.002	10	0.05	0.05
MW-1	4/23/2002	<0.050	<0.100	<0.005	0.0316	<0.01	2.24	<0.010	0.00092	11.3	<0.050	<0.0125
	5/14/02	<0.050	<0.100	<0.005	0.0282	--	--	<0.010	<0.0002	--	<0.050	<0.0125
MW-2	4/23/2002	<0.050	<0.100	<0.005	<0.010	<0.01	3.99	<0.010	<0.0002	24.1	<0.050	<0.0125
MW-3	4/23/2002	<0.050	0.528	<0.005	<0.010	<0.01	3.00	<0.010	<0.0002	1.39	<0.050	<0.0125

Notes: Analyses performed byTraceAnalysis, Inc., Lubbock, Texas

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		0.1	1.0	0.01	0.05	0.2	1.6	0.05	0.002	10	0.05	0.05
MW-1	9/5/2002	0.052	0.062	<0.001	0.0174	--	--	<0.011	<0.002	--	0.020	<0.002
	11/7/2002	--	--	--	0.184	--	--	--	--	--	--	--
MW-2	9/5/2002	0.018	0.020	<0.001	<0.002	--	--	<0.011	<0.002	--	0.018	<0.002
MW-3	9/5/2002	0.082	3.20	<0.001	<0.002	--	--	<0.011	<0.002	--	0.014	<0.002
MW-4	9/5/2002	0.034	0.045	0.007	<0.002	--	--	<0.011	<0.002	--	0.021	<0.002
MW-5	9/5/2002	0.056	0.072	<0.001	0.008	--	--	<0.011	<0.002	--	0.031	<0.002
MW-6	9/5/2002	0.082	0.263	<0.001	<0.002	--	--	<0.011	<0.002	--	0.034	<0.002
MW-7	9/5/2002	0.028	0.055	<0.001	0.011	--	--	<0.011	<0.002	--	0.026	<0.002
	11/7/2002	--	--	--	0.029	--	--	--	--	--	--	--
MW-8	9/6/2002	0.034	0.092	<0.001	<0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
MW-9	9/6/2002	0.025	0.089	<0.001	<0.002	--	--	<0.011	<0.002	--	0.021	<0.002
MW-10	9/6/2002	0.029	0.097	<0.001	0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
MW-11	9/6/2002	0.053	0.088	<0.001	<0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
Duplicate	9/5/2002	0.023	0.054	<0.001	0.014	--	--	<0.011	<0.002	--	0.024	<0.002

Notes: Analyses performed by Environmental Lab of Texas I, Ltd., Odessa, Texas
1. WQCC: New Mexico Water Quality Control Commission Standard
2. mg/L: Concentration in milligrams per liter
3. <: Concentration below test method detection limit
4. --: No data available
5 Duplicate sample collected from MW-7

Table 4: **Summary of General Inorganic Analyses of Groundwater Samples from Monitoring Wells**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	250	600	--	--	--	--	1000	6 - 9
MW-1	4/23/2002	300	724	542	183	68.5	18.30	471	2340	7.4
MW-2	4/23/2002	180	825	1270	340	128.0	20.00	445	3240	7.4
MW-3	4/23/2002	304	2500	245	447	274.0	50.60	729	4880	6.9

Notes: Analyses performed byTraceAnalysis, Inc., Lubbock, Texas

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	250	600	--	--	--	--	1000	6 - 9
MW-1	9/5/2002	<266.20	851	62	140	67.3	14.50	606	2620	--
	11/6/2002	<292.20	957	1665	175	7.1	14.80	586	2800	--
MW-2	9/5/2002	<198.20	638	1090	317	139.0	17.00	509	3290	--
	11/6/2002	<180.20	691	1160	314	12.8	17.20	468	3420	--
MW-3	9/5/2002	<520.20	1910	120	137	228.0	27.70	871	4280	--
	11/6/2002	<528.20	1360	76.4	176	18.7	18.40	589	3200	--
MW-4	9/5/2002	<410.20	674	872	190	132.0	20.20	491	2950	--
	11/6/2002	<400.20	69	975	253	12.3	19.40	406	3060	--
MW-5	9/5/2002	<628.20	514	446	41.6	33.3	22.90	693	2190	--
	11/6/2002	<608.20	585	403	124.0	4.2	18.80	520	2310	--
MW-6	9/5/2002	<700.20	513	68	17.6	50.3	17.50	537	1790	--
	11/6/2002	<700.20	567	69.8	91.2	6.4	14.30	448	1870	--
MW-7	9/5/2002	<312.20	443	455	130	63.0	13.60	297	1810	--
	11/7/2002	<260.20	461	620	189	6.3	12.10	283	1880	--
MW-8	9/6/2002	<210.20	337	216	128	55.8	8.15	151	1180	--
	11/7/2002	<180.20	638	241	160	7.7	11.10	199	1980	--
MW-9	9/6/2002	<306.20	56.7	74.7	21.5	25.8	4.23	78.9	555	--
	11/7/2002	<346.20	65.0	90.8	76.8	3.4	9.06	91.0	718	--
MW-10	9/6/2002	<160.20	168	94	90.6	27.0	4.09	61.6	696	--
	11/7/2002	<132.20	239	107	237.0	3.3	6.20	56.8	1020	--
MW-11	9/6/2002	<194.20	43	72	37.4	20.8	5.05	64.3	428	--
	11/7/2002	<152.20	47.3	76.5	40.8	2.4	7.32	64.1	459	--

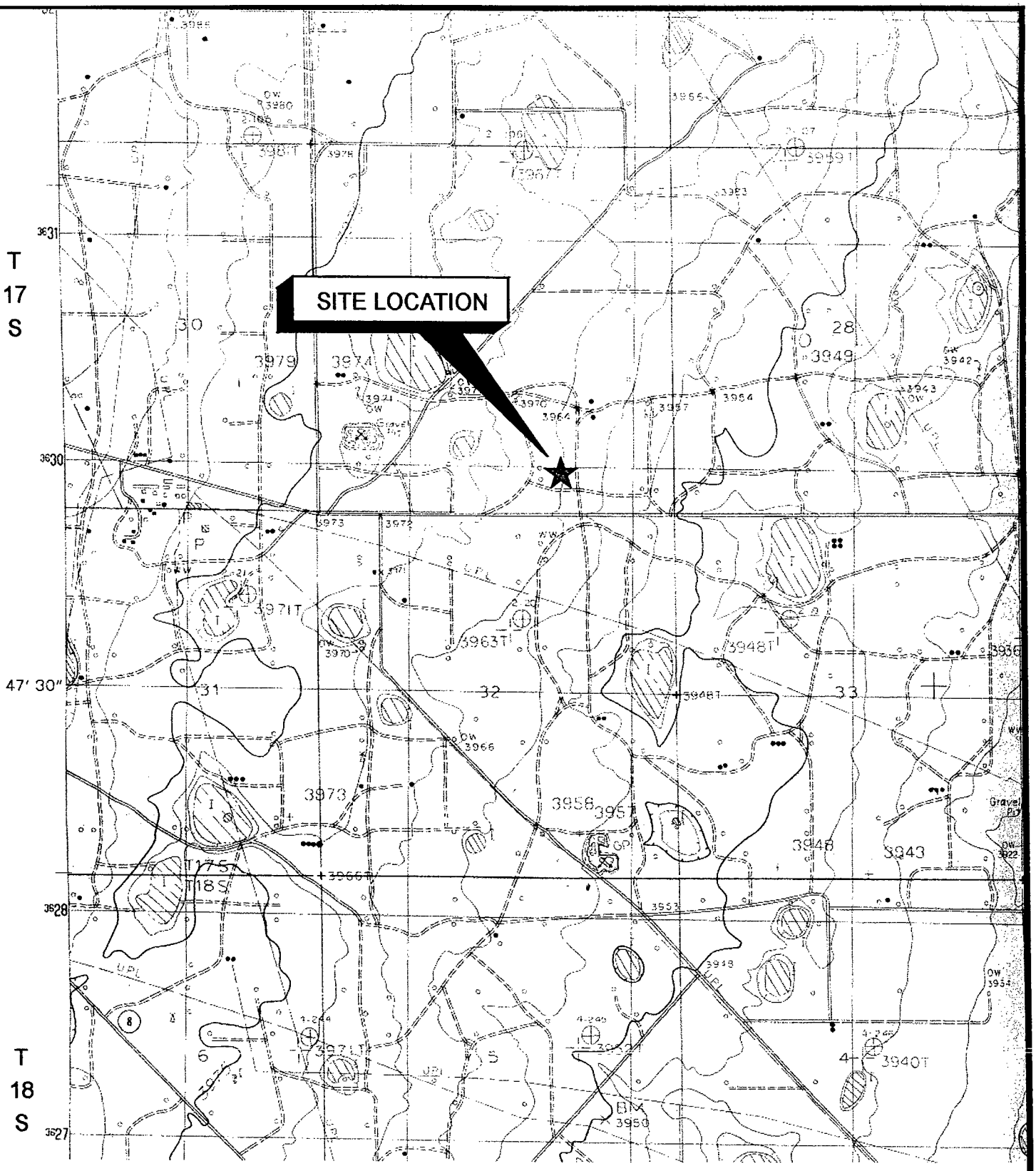
Table 4: **Summary of General Inorganic Analyses of Groundwater Samples from Monitoring Wells**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	250	600	--	--	--	--	1000	6 - 9
Duplicate	9/5/2002	<284.20	461	452	145.0	64.2	14.40	303.0	1920	--
(MW-7)										
Duplicate	11/6/2002	<344.20	3100	176	432.0	33.1	46.70	938.0	5980	--
(MW-3)										
Duplicate	11/7/2002	<154.20	47	80.0	39.8	2.3	7.52	70.9	460	--
(MW-11)										

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

1. WQCC: New Mexico Water Quality Control Commission
2. mg/L: Concentration in milligrams per liter
3. --: No data available
4 Duplicate sample collected from MW-7

Figures



TAKEN FROM U.S.G.S.
LOVINGTON SW, NEW MEXICO 1985
7.5' QUADRANGLES

SCALE: 1"=2000'

FIGURE #1

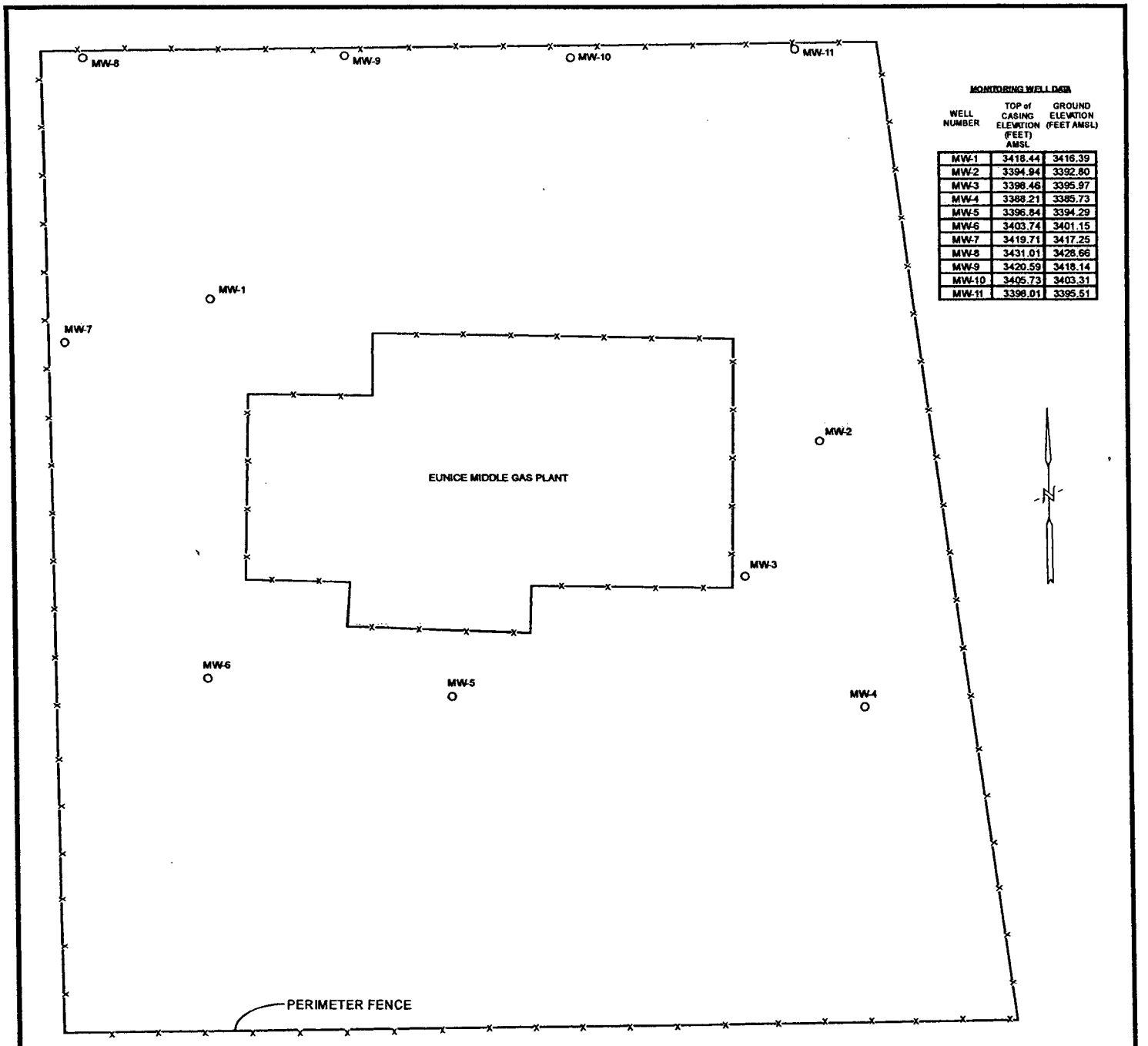
LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.
EUNICE MIDDLE GAS PLANT

LOCATION & TOPOGRAPHIC MAP

DATE: 10/28/02
NAME:
FILE: 0-0100-27

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51

LEGEND

MW-12 ● MONITORING WELL

0 200 400 600

Scale in Feet

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

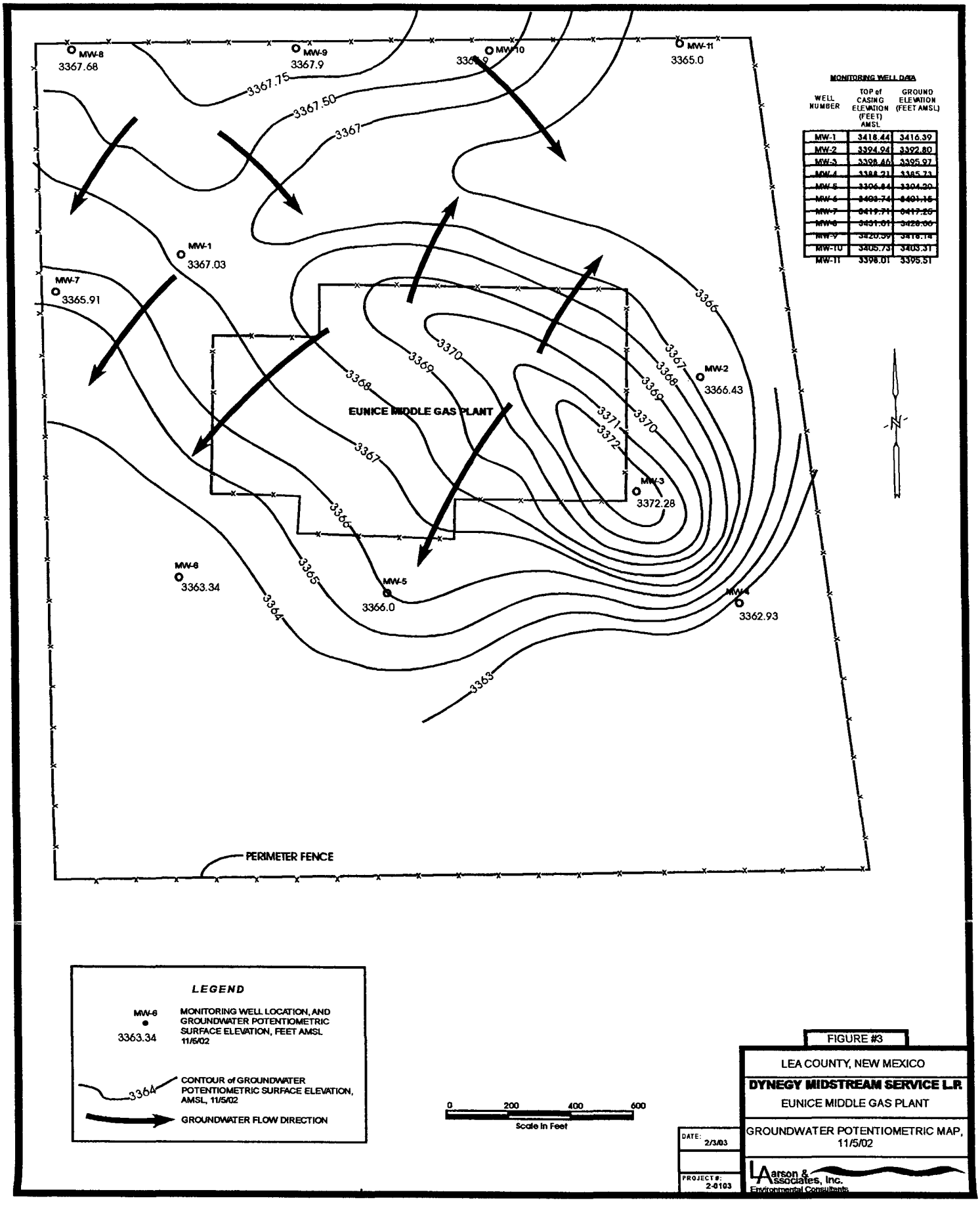
EUNICE MIDDLE GAS PLANT

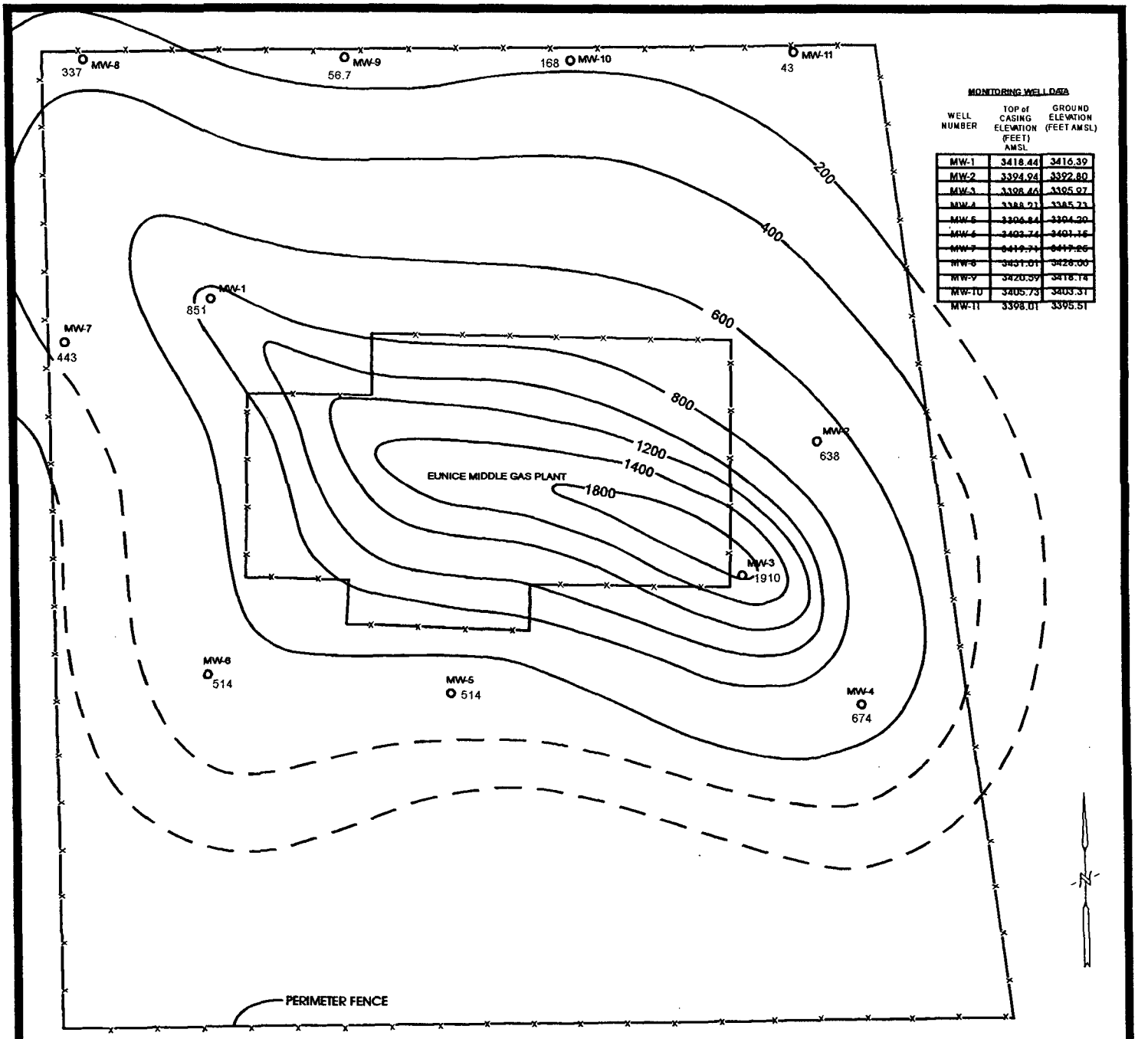
SITE DETAILS

DATE: 2/3/03

PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants


MW-8
3367.68
MW-9
3367.9
MW-10
MW-11
3365.0
3367.75
3367.50
3367
MW-1
3367.03
MW-7
3365.91
3366
3370
3369
3368
3367
MW-2
3366.43
EUNICE MIDDLE GAS PLANT
3371
3372
MW-3
3372.28
3366
3365
3364
MW-6
3363.34
MW-5
3366.0
MW-4
3362.93
3363
PERIMETER FENCE
N
MONITORING WELL DATA
WELL NUMBER
TOP of CASING ELEVATION (FEET) AMSL
GROUND ELEVATION (FEET AMSL)
MW-1 3418.44 3416.39
MW-2 3394.94 3392.80
MW-3 3398.46 3395.97
MW-4 3388.21 3385.73
MW-5 3406.84 3404.30
MW-6 3403.74 3401.16
MW-7 3419.71 3417.26
MW-8 3431.01 3428.00
MW-9 3420.59 3418.14
MW-10 3405.73 3403.31
MW-11 3398.01 3395.51
LEGEND
MW-6
3363.34
MONITORING WELL LOCATION, AND GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION, FEET AMSL 11/5/02
3364
CONTOUR of GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION, AMSL, 11/5/02
GROUNDWATER FLOW DIRECTION
0 200 400 600
Scale in Feet
FIGURE #3
LEA COUNTY, NEW MEXICO
DYNEGY MIDSTREAM SERVICE L.P.
EUNICE MIDDLE GAS PLANT
GROUNDWATER POTENTIOMETRIC MAP, 11/5/02
DATE: 2/3/03
PROJECT #: 2-0103
Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.20
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.00
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51

LEGEND

MW-7
O MONITORING WELL
CHLORIDE CONCENTRATION
IN GROUNDWATER (MG/L)
09/05 and 09/06/2002

0 200 400 600
Scale in Feet

FIGURE #4

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

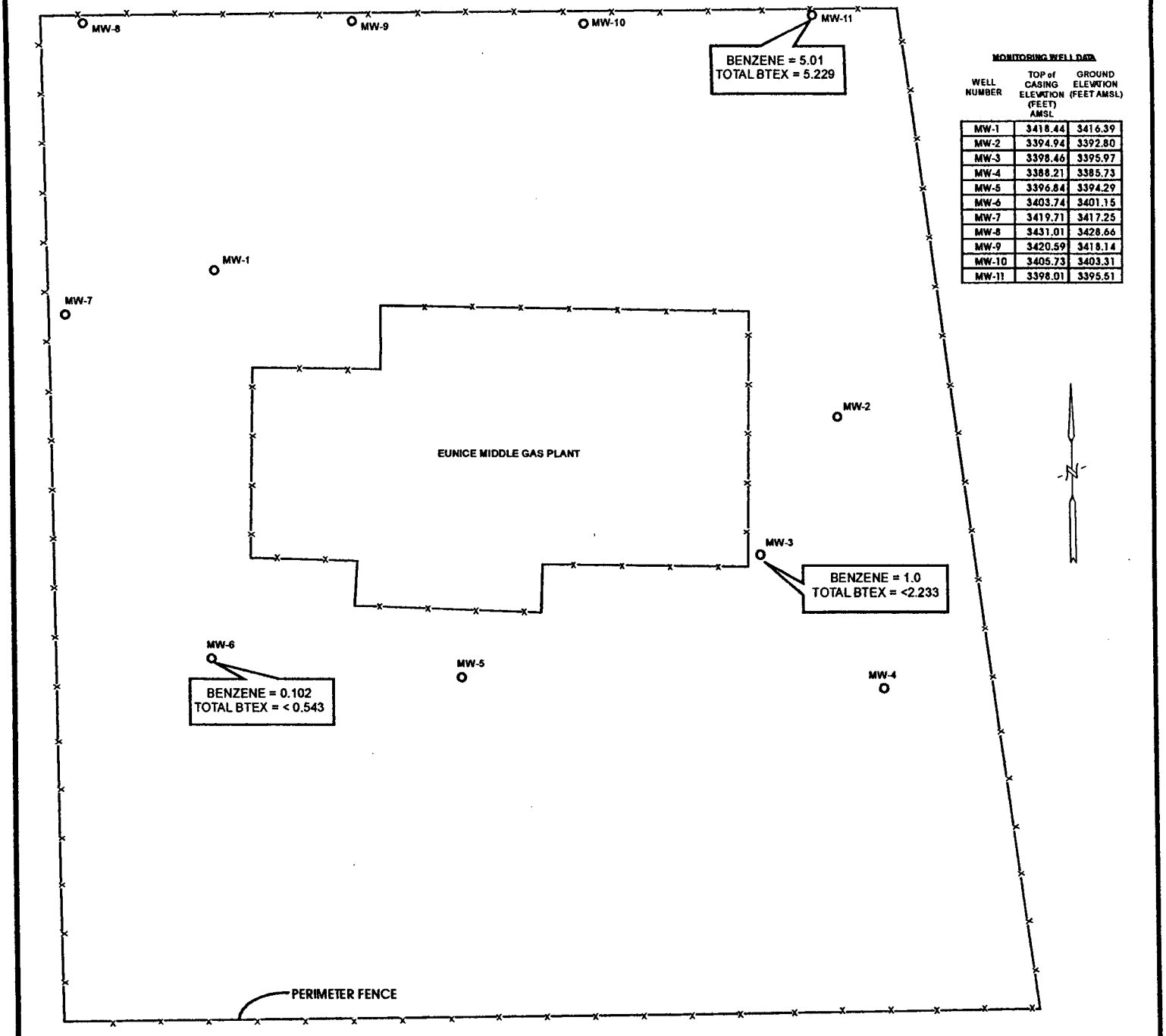
EUNICE MIDDLE GAS PLANT

CHLORIDE ISOPLETH MAP
09/05-06/2002

DATE: 2/3/03

PROJECT #: 2-0103

Aaron & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51

LEGEND

MW-12 ● MONITORING WELL

BENZENE AND TOTAL BTEX CONCENTRATIONS IN GROUNDWATER (MG/L)

0 200 400 600
Scale in Feet

FIGURE #5

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

DISSOLVED BENZENE CONCENTRATIONS NOVEMBER 13, 2002

DATE: 2/3/03

PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants

Appendix A

Boring Logs and Well Construction Diagrams

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-4

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE

Depth	Description	Elev.
0	***Sand*** 5 YR 4/4, reddish brown quartz sand, very fine grained, poorly sorted, loose.	3387
5	***Caliche*** 7.5 YR 8/3, pink, very fine grained quartz sand, poorly sorted, indurated.	
10		
15		
20	***Sandstone*** 10 R 4/3, weak red quartz sand, very fine grained, very poorly sorted, dense.	3370 / 3365
25	***Silty, Clayey Sand*** 2.5 YR 4/4, reddish brown quartz sand, very fine grained, very poorly sorted, damp.	
30		
35	***TD: 35'***	3353
40		
45		
50		

SAMPLE

Number	Type	Recovery	PID Measurement (PPM) 0.5 1 1.5
1			0.0
2			0.0
3			0.0
4			0.0
5			0.1
6			0.1

Well Detail

Notes

Well Secured with Locking Above-Grade Cover

1.0 - 11.0' Cement-Bentonite Grout

0.0' to 14.87': 2" Sch. 40 PVC Riser (Threaded)

11.0 to 13.0': Bentonite pellets

14.87 to 34.49': 2" Sch. 40 Screen 0.02" Slot (Threaded)

W. L. 25.43' BGS (9/5/02)

13.0 to 35.0': 8-16 Graded Silica Sand

Sch. 40 PVC Cap (Threaded)

Casing Stickup: 2.48'

Drilling Method: Rotary

Date Drilled: 8/6/02

Well Size: 2"

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

TOC Elevation: 3388.21

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

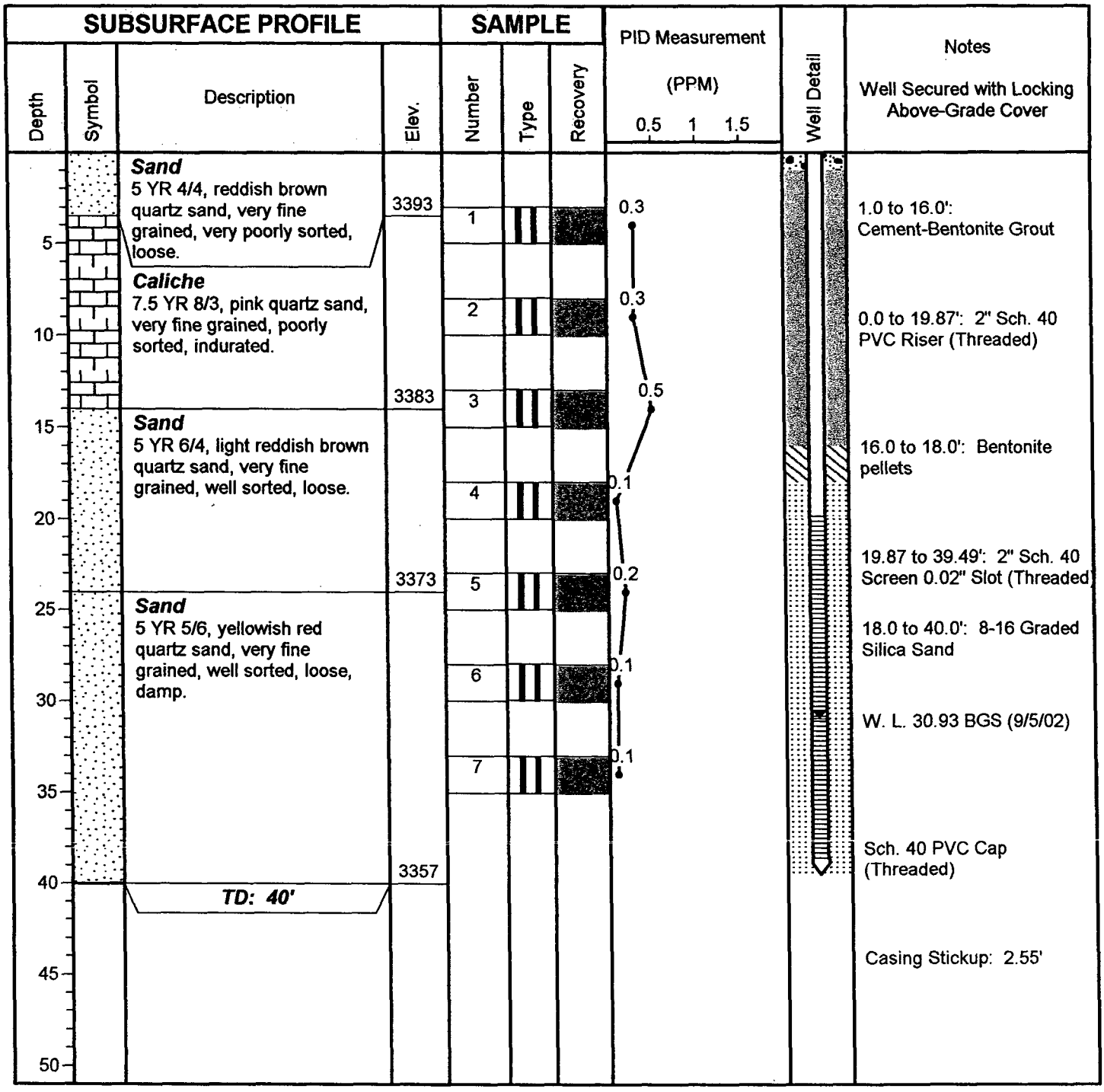
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-5

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Rotary

Date Drilled: 8/6/02

Well Size: 2"

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

TOC Elevation: 3396.84

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-6

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 0.5 1 1.5	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Sand*** 5 YR 4/4, reddish brown quartz sand, very fine grained, poorly sorted, loose.	3401						1.0 to 28.0': Cement-Bentonite Grout
5		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine grained, poorly sorted, indurated.							
10									
15			3387						0.0 to 31.87': 2" Sch. 40 PVC Riser (Threaded)
20		***Sandstone*** 7.5 YR 8/3, pink quartz sand, very fine grained, poorly sorted, dense.							
25			3375						28.0 to 30.0': Bentonite pellets
30		***Sand*** 5 YR 5/6, yellowish red quartz sand, very fine grained, well sorted, loose, damp at 39'.							31.87 to 51.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
35									
40									W. L. 40.45' BGS (9/5/02)
45									30.0 to 52.0': 8-16 Graded Silica Sand
50			3352						Sch. 40 PVC Cap (Threaded)
		TD: 52'							Casing Stickup: 2.59'
55									
60									No Samples collected due to water drilling

Drilling Method: Rotary (water)

Date Drilled: 8/6/02

Well Size: 2"

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

TOC Elevation: 3403.74

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

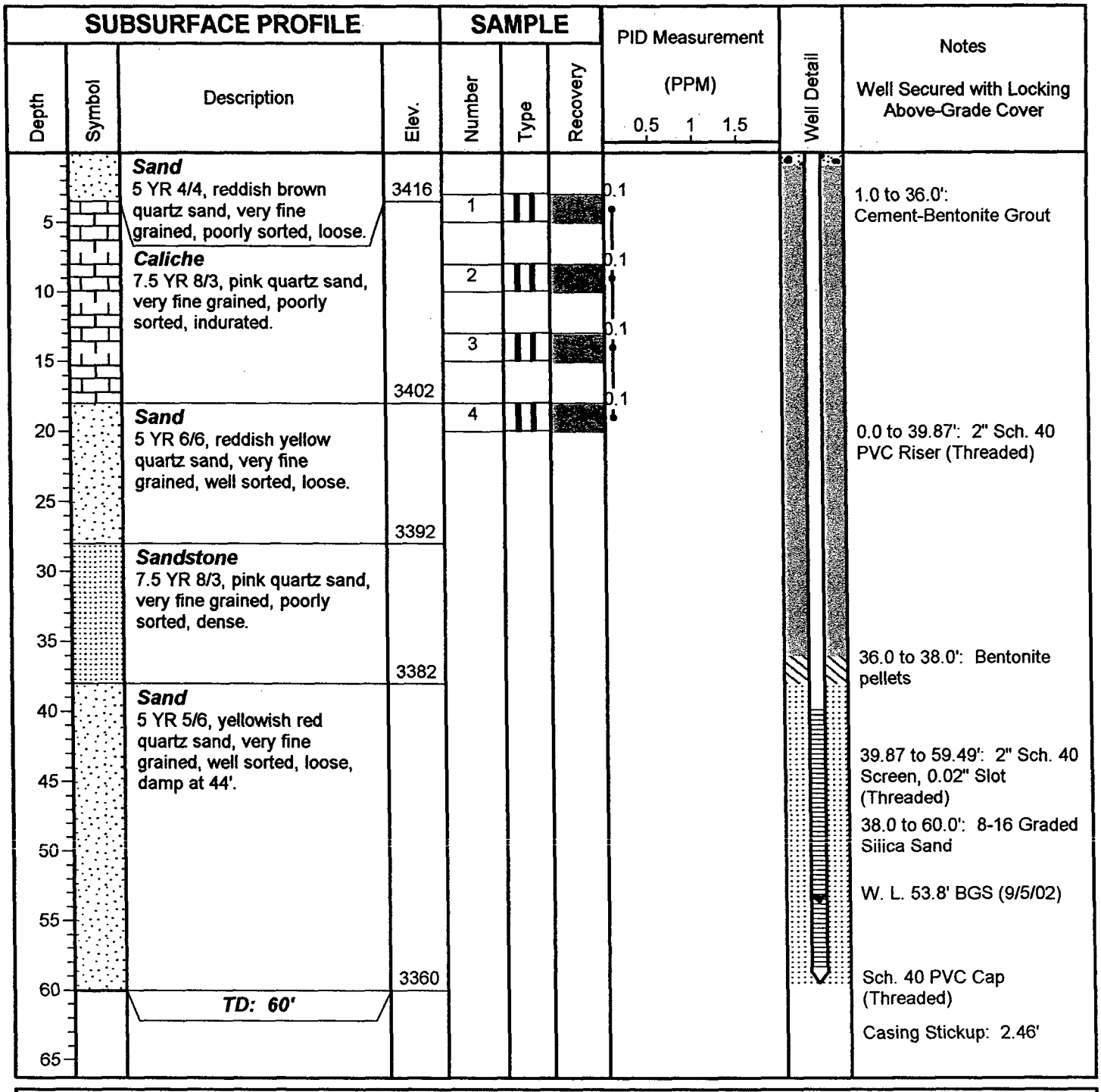
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-7

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Rotary (water at 20')

Date Drilled: 8/7/02

Well Size: 2"

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

TOC Elevation: 3419.71

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

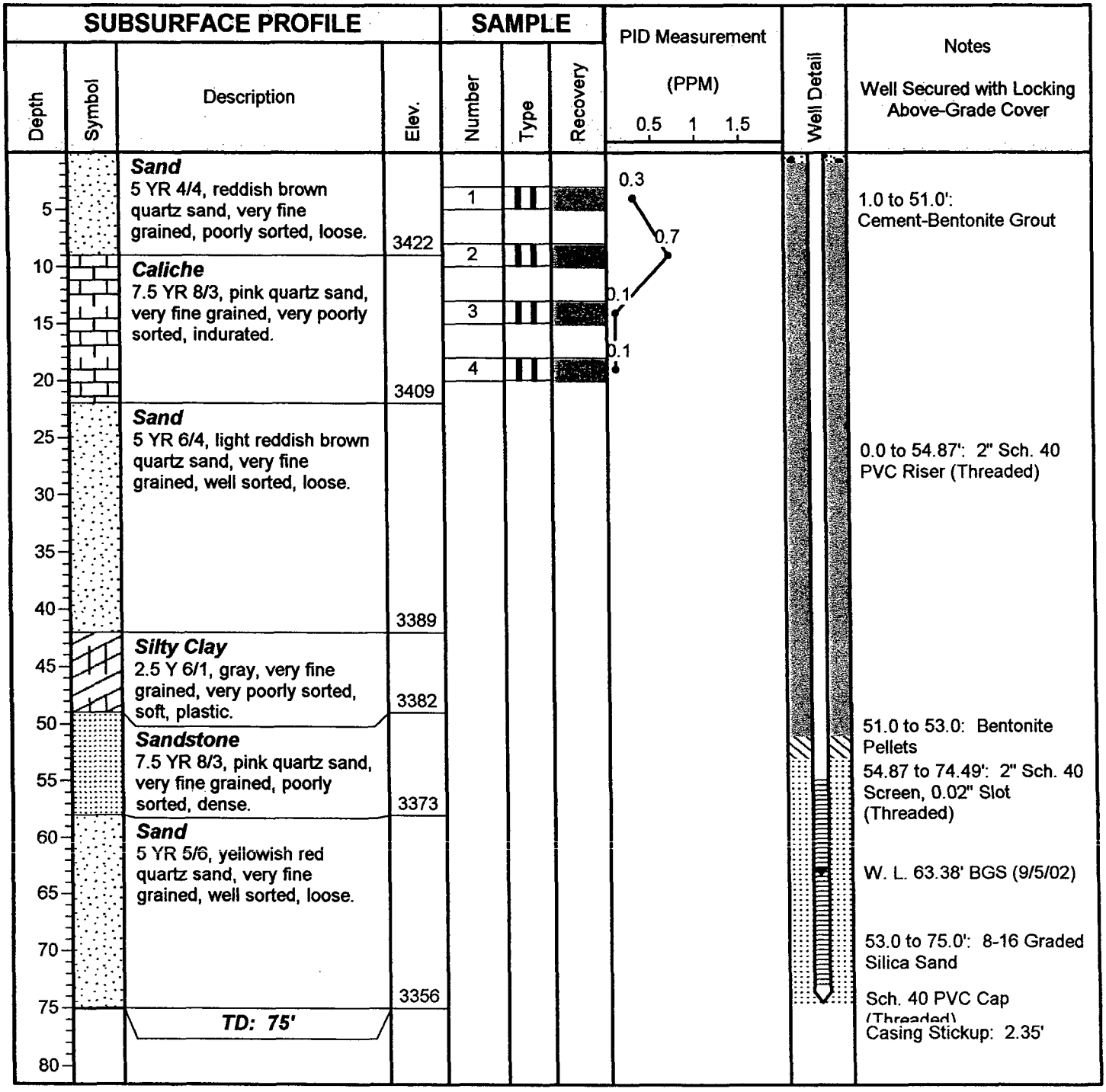
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-8

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Rotary

Date Drilled: 8/7/02

Well Size: 2"

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

TOC Elevation: 3431.01

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

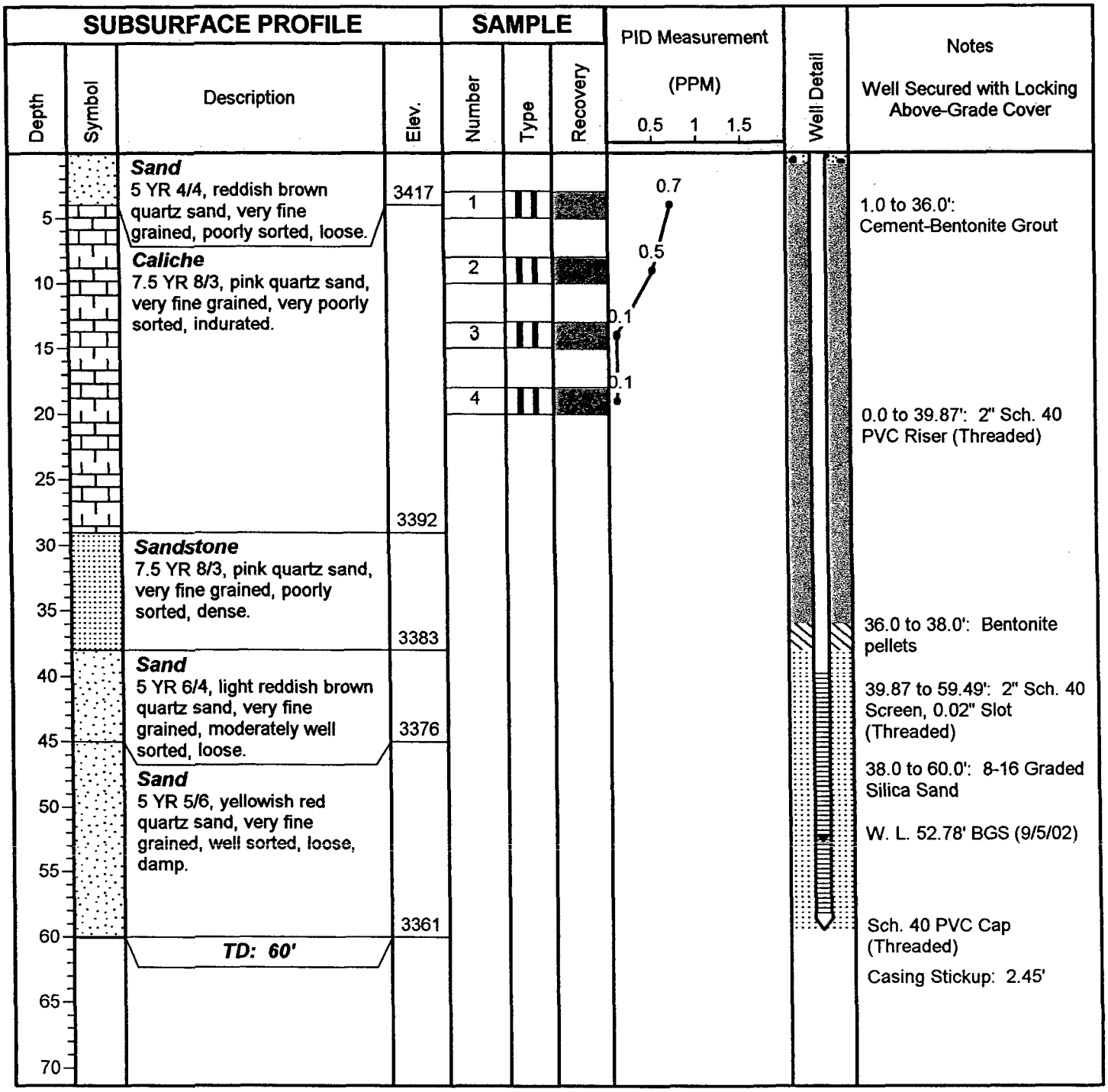
Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-9

Geologist: Cindy K. Crain



Drilling Method: Rotary

Date Drilled: 8/7/02

Well Size: 2"

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

TOC Elevation: 3420.59

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-10

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE

Depth	Description	Elev.
0	***Sand*** 5 YR 4/4, reddish brown quartz sand, very fine grained, poorly sorted, loose.	3403
5	***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine grained, very poorly sorted, indurated.	
10		
15		
20		
25		3379
30	***Sand*** 2.5 YR 7/6, light red quartz sand, very fine grained, well sorted, loose.	
35		
40		
45		3359
50	***TD: 47'***	
55		

SAMPLE

Number	Type	Recovery	PID Measurement (PPM)
1			0.5
2			0.0
3			0.4
4			0.0
5			0.0
6			0.5
7			0.6
8			0.0

PID Measurement (PPM) scale: 0.5 1 1.5

Well Detail

Notes

Well Secured with Locking Above-Grade Cover

1.0 to 23.0': Cement-Bentonite Grout

0.0 to 26.87': 2" Sch. 40 PVC Riser (Threaded)

23.0 to 25.0': Bentonite pellets

26.87 to 46.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)

W. L. 38.15' BGS (9/5/02)

25.0 to 47.0': 8-16 Graded Silica Sand

Sch. 40 PVC Cap (Threaded)

Casing Stickup: 2.42'

Drilling Method: Rotary

Date Drilled: 8/9/02

Well Size: 2"

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

TOC Elevation: 3405.73

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

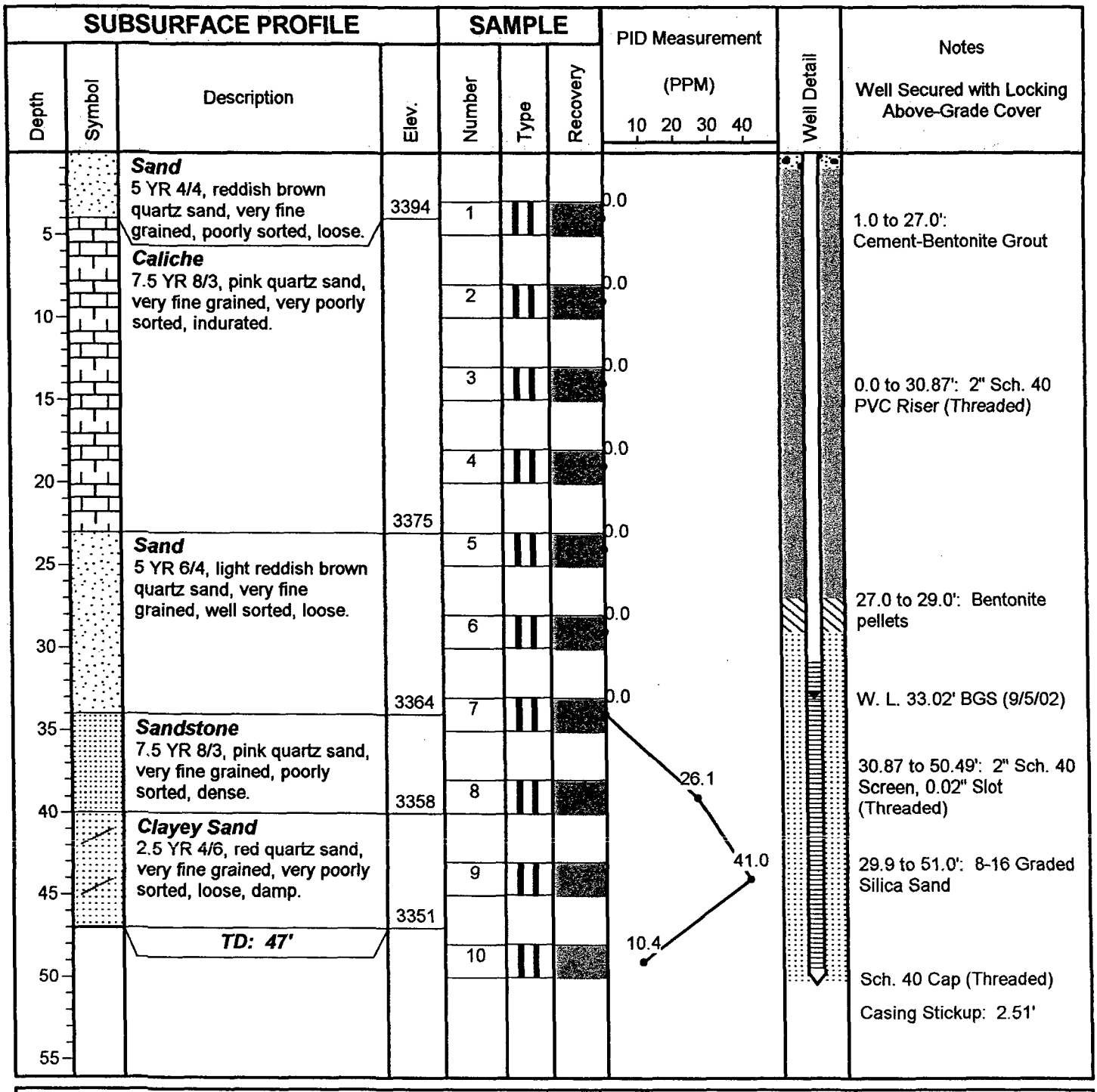
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-11

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Rotary

Date Drilled: 8/8/02

Well Size: 2"

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

TOC Elevation: 3398.01

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
PO#:	2-0103
Order#:	G0204445
Report Date:	09/17/2002

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

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
0204445-01	MW-1	WATER	9/5/02 12:47	9/5/02 16:40	See COC	See COC

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

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204445-02	MW-2	WATER	9/5/02 13:25	9/5/02 16:40	See COC	See COC

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

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204445-03	MW-3	WATER	9/5/02 16:47	9/5/02 16:40	See COC	See COC

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

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204445-04	MW-4	WATER	9/5/02 14:02	9/5/02 16:40	See COC	See COC

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

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

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
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0204445-05	MW-5	WATER	9/5/02 14:25	9/5/02 16:40	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0204445-06	MW-6	WATER	9/5/02 14:40	9/5/02 16:40	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0204445-07	MW-7	WATER	9/5/02 15:10	9/5/02 16:40	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0204445-08	DUP	WATER	9/5/02 15:00	9/5/02 16:40	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.0 C		
	8021B/5030 BTEX					
	Anions					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

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
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-01
Sample ID: MW-1

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 12:30	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	116%	80	120
Bromofluorobenzene	115%	80	120

Lab ID: 0204445-02
Sample ID: MW-2

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 12:52	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	103%	80	120
Bromofluorobenzene	100%	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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-03
Sample ID: MW-3

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 14:54	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	0.759	0.001
Ethylbenzene	0.574	0.001
Toluene	0.005	0.001
p/m-Xylene	0.328	0.001
o-Xylene	0.039	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	158%	80	120
Bromofluorobenzene	132%	80	120

Lab ID: 0204445-04
Sample ID: MW-4

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 15:16	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	113%	80	120
Bromofluorobenzene	106%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-05
Sample ID: MW-5

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 15:39	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	110%	80	120
Bromofluorobenzene	102%	80	120

Lab ID: 0204445-06
Sample ID: MW-6

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 16:01	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	0.136	0.001
Ethylbenzene	0.307	0.001
Toluene	0.003	0.001
p/m-Xylene	0.223	0.001
o-Xylene	0.006	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	109%	80	120
Bromofluorobenzene	124%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-07
Sample ID: MW-7

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 16:23	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	80	120
Bromofluorobenzene	100%	80	120

Lab ID: 0204445-08
Sample ID: DUP

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003096-02		9/6/02 16:45	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	111%	80	120
Bromofluorobenzene	114%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#:	**G0204445**
Project:	**Middle Plant**
Project Name:	**Dynegy**
Location:	**Middle Plant**

Approval: Raland K Tuttle 9-17-02
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-01
Sample ID: MW-1

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	140	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	67.3	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	14.5	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	606	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.052	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.062	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	0.174	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.020	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-02
Sample ID: MW-2

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	317	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	139	mg/L	100	0.10	6010B	09/16/2002	9/16/02	SM
Potassium	17.0	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	509	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.018	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.020	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.018	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-02
Sample ID: MW-2

Lab ID: 0204445-03
Sample ID: MW-3

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	137	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	228	mg/L	100	0.10	6010B	09/16/2002	9/16/02	SM
Potassium	27.7	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	871	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.082	mg/L	1	0.008	6010B		9/10/02	SM
Barium	3.22	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.014	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-04
Sample ID: MW-4

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	190	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	132	mg/L	100	0.10	6010B	09/16/2002	9/16/02	SM
Potassium	20.2	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	491	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.034	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.045	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	0.007	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.021	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-04
Sample ID: MW-4

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-05
Sample ID: MW-5

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	41.6	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM
Magnesium	33.3	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	22.9	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	693	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.056	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.072	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	0.008	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.031	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-06
Sample ID: MW-6

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	17.6	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM
Magnesium	50.3	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	17.5	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	537	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.082	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.263	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-06
Sample ID: MW-6

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.034	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-07
Sample ID: MW-7

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	130	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	63.0	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	13.6	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	297	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.028	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.055	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	0.011	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.026	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204445-08
Sample ID: DUP

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	145	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	64.2	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	14.4	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-08
Sample ID: DUP

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Sodium	303	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.023	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.054	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	0.014	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.024	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Approval: Raland K Tuttle 9-17-02
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.

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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-01
Sample ID: MW-1

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	266	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	851	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	621	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2620	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204445-02
Sample ID: MW-2

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	198	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	638	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	1090	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3290	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204445-03
Sample ID: MW-3

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	520	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	1910	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	120	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	4280	mg/L	1	5.0	160.1	9/6/02	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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-04
Sample ID: MW-4

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	410	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	674	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	872	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2950	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204445-05
Sample ID: MW-5

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	628	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	514	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	446	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2190	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204445-06
Sample ID: MW-6

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	700	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	514	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	67.5	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1790	mg/L	1	5.0	160.1	9/6/02	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#: G0204445
Project: Middle Plant
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204445-07
Sample ID: MW-7

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	312	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	443	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	455	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1810	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204445-08
Sample ID: DUP

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	284	mg/L	1	2.00	310.1	9/5/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
Chloride	461	mg/L	1	5.00	9253	9/6/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/5/02	SB
SULFATE, 375.4	452	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1920	mg/L	1	5.0	160.1	9/6/02	SB

Approval: Raland K Tuttle 9-17-02
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

8021B/5030 BTEX

Order#: G0204445

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003096-02			<0.001		
Ethylbenzene-mg/L	0003096-02			<0.001		
Toluene-mg/L	0003096-02			<0.001		
p/m-Xylene-mg/L	0003096-02			<0.001		
o-Xylene-mg/L	0003096-02			<0.001		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0204428-01	0	0.1	0.090	90.%	
Ethylbenzene-mg/L	0204428-01	0	0.1	0.091	91.%	
Toluene-mg/L	0204428-01	0	0.1	0.092	92.%	
p/m-Xylene-mg/L	0204428-01	0	0.2	0.187	93.5%	
o-Xylene-mg/L	0204428-01	0	0.1	0.091	91.%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0204428-01	0	0.1	0.088	88.%	2.2%
Ethylbenzene-mg/L	0204428-01	0	0.1	0.089	89.%	2.2%
Toluene-mg/L	0204428-01	0	0.1	0.091	91.%	1.1%
p/m-Xylene-mg/L	0204428-01	0	0.2	0.184	92.%	1.6%
o-Xylene-mg/L	0204428-01	0	0.1	0.089	89.%	2.2%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0003096-05		0.1	0.109	109.%	
Ethylbenzene-mg/L	0003096-05		0.1	0.109	109.%	
Toluene-mg/L	0003096-05		0.1	0.111	111.%	
p/m-Xylene-mg/L	0003096-05		0.2	0.222	111.%	
o-Xylene-mg/L	0003096-05		0.1	0.107	107.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0204445

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0003056-01			<2.00		
Carbonate Alkalinity-mg/L	0003057-01			<0.10		
Chloride-mg/L	0003071-01			<5.00		
Hydroxide Alkalinity-mg/L	0003058-01			<0.10		
SULFATE, 375.4-mg/L	0003085-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0204445-01	266		267		0.4%
Carbonate Alkalinity-mg/L	0204445-01	0		<0.10		0.%
Hydroxide Alkalinity-mg/L	0204445-01	0		<0.10		0.%
SULFATE, 375.4-mg/L	0204445-01	621		630		1.4%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204445-01	851	500	1340	97.8%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204445-01	851	500	1350	99.8%	0.7%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0003056-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0003057-04		0.05	0.0496	99.2%	
Chloride-mg/L	0003071-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0003058-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0003085-04		50	47.1	94.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0204445

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0003150-02			<0.010		
Magnesium-mg/L	0003150-02			<0.001		
Potassium-mg/L	0003150-02			< 0.050		
Sodium-mg/L	0003150-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0204452-01	128		126		1.6%
Magnesium-mg/L	0204452-01	55.8		55.9		0.2%
Potassium-mg/L	0204452-01	8.15		8.09		0.7%
Sodium-mg/L	0204452-01	151		152		0.7%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0003150-05		2	1.91	95.5%	
Magnesium-mg/L	0003150-05		2	2.08	104.%	
Potassium-mg/L	0003150-05		2	1.84	92.%	
Sodium-mg/L	0003150-05		2	1.94	97.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

METALS RCRA 7 Total

Order#: G0204445

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-02			<0.008		
Barium-mg/L	0003139-02			<0.001		
Cadmium-mg/L	0003139-02			<0.001		
Chromium-mg/L	0003139-02			<0.002		
Lead-mg/L	0003139-02			<0.011		
Selenium-mg/L	0003139-02			<0.004		
Silver-mg/L	0003139-02			<0.002		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-03		0.8	0.789	98.6%	
Barium-mg/L	0003139-03		0.2	0.214	107.%	
Cadmium-mg/L	0003139-03		0.2	0.202	101.%	
Chromium-mg/L	0003139-03		0.2	0.208	104.%	
Lead-mg/L	0003139-03		1	0.992	99.2%	
Selenium-mg/L	0003139-03		0.4	0.411	102.7%	
Silver-mg/L	0003139-03		0.2	0.198	99.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-04		0.8	0.801	100.1%	1.5%
Barium-mg/L	0003139-04		0.2	0.216	108.%	0.9%
Cadmium-mg/L	0003139-04		0.2	0.207	103.5%	2.4%
Chromium-mg/L	0003139-04		0.2	0.211	105.5%	1.4%
Lead-mg/L	0003139-04		1	1	100.%	0.8%
Selenium-mg/L	0003139-04		0.4	0.412	103.%	0.2%
Silver-mg/L	0003139-04		0.2	0.198	99.%	0.%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-05		1	1.03	103.%	
Barium-mg/L	0003139-05		1	1.02	102.%	
Cadmium-mg/L	0003139-05		1	1.01	101.%	
Chromium-mg/L	0003139-05		1	1.01	101.%	
Lead-mg/L	0003139-05		1	1.03	103.%	
Selenium-mg/L	0003139-05		1	1.01	101.%	
Silver-mg/L	0003139-05		0.5	0.53	106.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0204445

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-01			<0.002		
Total Dissolved Solids (TDS)-mg/L	0003067-01			<5.00		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-02		0.015	0.014	93.3%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-03		0.015	0.014	93.3%	0.%
DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L	0204445-01	2620		2610		0.4%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-04		0.015	0.015	100.%	

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.: 2-01033
PROJECT NAME: Middle Plant
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	BTEX 8021B (40ml glass w/HCl)	Anions (LHDPE)	Cations (LHDPE)	TDS (LHDPE)	Dissolved Metals (250ml HDPE w/HNO3)				LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
9/5/02	1247	✓			MW-1	4	✓	✓	✓	✓	✓				0204445-01	
"	1325	✓			MW-2	4	✓	✓	✓	✓	✓				02	
"	1347	✓			MW-3	4	✓	✓	✓	✓	✓				03	
"	1402	✓			MW-4	4	✓	✓	✓	✓	✓				04	
"	1425	✓			MW-5	4	✓	✓	✓	✓	✓				05	
"	1440	✓			MW-6	4	✓	✓	✓	✓	✓				06	
"	1510	✓			MW-7	4	✓	✓	✓	✓	✓				07	
"	1500	✓			Dup	4	✓	✓	✓	✓	✓				08	

SAMPLED BY: (Signature) Cindy Crain DATE: 9/5/02 TIME: 1600

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

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

RELINQUISHED BY: (Signature) Cindy Crain DATE: 9/5/02 TIME: 1640

RECEIVED BY: (Signature) Aley Keene DATE: 9/5/02 TIME: 16:40

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: 3.0°C

LA CONTACT PERSON:

SAMPLE TYPE:

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy/ Eunice Middle Plant

PO#:

Order#: G0204950

Report Date: 11/14/2002

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
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
0204950-01	MW-1	WATER	11/6/02 13:51	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-02	MW-2	WATER	11/6/02 14:25	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-03	MW-3	WATER	11/6/02 15:00	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-04	MW-4	WATER	11/6/02 15:50	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-05	MW-5	WATER	11/6/02 16:30	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-06	MW-6	WATER	11/6/02 17:05	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

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

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
	8021B/5030 BTEX Anions Cations Total Dissolved Solids (TDS)					
0204950-07	MW-1	WATER	11/7/02 9:45	11/7/02 15:20	See COC	See COC
	Lab Testing: Chromium	**Rejected:** No		**Temp:** 13 C		
0204950-08	MW-7	WATER	11/7/02 10:25	11/7/02 15:20	See COC	See COC
	Lab Testing: Anions, Cations, Chromium, Total Dissolved Solids (TDS)	**Rejected:** No		**Temp:** 13 C		
0204950-09	MW-8	WATER	11/7/02 11:00	11/7/02 15:20	See COC	See COC
	Lab Testing: Anions, Cations, Total Dissolved Solids (TDS)	**Rejected:** No		**Temp:** 13 C		
0204950-10	MW-9	WATER	11/7/02 11:35	11/7/02 15:20	See COC	See COC
	Lab Testing: Anions, Cations, Total Dissolved Solids (TDS)	**Rejected:** No		**Temp:** 13 C		
0204950-11	MW-10	WATER	11/7/02 12:00	11/7/02 15:20	See COC	See COC
	Lab Testing: Anions, Cations, Total Dissolved Solids (TDS)	**Rejected:** No		**Temp:** 13 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
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
0204950-12	MW-11	WATER	11/7/02 13:10	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-13	Duplicate	WATER	11/6/02	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					
0204950-14	Duplicate	WATER	11/7/02	11/7/02 15:20	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 13 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	Total Dissolved Solids (TDS)					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-03
Sample ID: MW-3

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003738-02		11/13/02 11:41	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	1.00	0.010
Toluene	<0.010	0.010
Ethylbenzene	0.604	0.010
p/m-Xylene	0.558	0.010
o-Xylene	0.061	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	99%	80	120

Lab ID: 0204950-06
Sample ID: MW-6

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003738-02		11/13/02 12:03	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	0.102	0.010
Toluene	<0.010	0.010
Ethylbenzene	0.212	0.010
p/m-Xylene	0.209	0.010
o-Xylene	<0.010	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	98%	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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-12
Sample ID: MW-11

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003738-02		11/13/02 13:32	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	**5.01**	0.010
Toluene	**0.012**	0.010
Ethylbenzene	**0.053**	0.010
p/m-Xylene	**0.137**	0.010
o-Xylene	**0.017**	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	139%	80	120
Bromofluorobenzene	102%	80	120

Lab ID: 0204950-13
Sample ID: Duplicate

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003738-02		11/13/02 12:47	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	**1.05**	0.010
Toluene	**<0.010**	0.010
Ethylbenzene	**0.655**	0.010
p/m-Xylene	**0.621**	0.010
o-Xylene	**0.052**	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	111%	80	120
Bromofluorobenzene	104%	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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-14
Sample ID: Duplicate

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003738-02		11/13/02 13:09	1	5	CK	8021B

Parameter	Result mg/L	RL
Benzene	**5.00**	0.005
Toluene	**0.018**	0.005
Ethylbenzene	**0.053**	0.005
p/m-Xylene	**0.163**	0.005
o-Xylene	**0.016**	0.005

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	210%	80	120
Bromofluorobenzene	109%	80	120

Approval: Raland K Tuttle 2-04-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-01
Sample ID: MW-1

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	175	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	7.05	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	14.8	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	586	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-02
Sample ID: MW-2

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	314	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	12.8	mg/L	100	0.10	6010B	11/11/2002	11/11/02	SM
Potassium	17.2	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	468	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-03
Sample ID: MW-3

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	176	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	18.7	mg/L	100	0.10	6010B	11/11/2002	11/11/02	SM
Potassium	18.4	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	589	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-04
Sample ID: MW-4

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	253	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	12.3	mg/L	100	0.10	6010B	11/11/2002	11/11/02	SM
Potassium	19.4	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	406	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-05
Sample ID: MW-5

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	124	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	4.19	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	18.8	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	520	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-06
Sample ID: MW-6

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	91.2	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM
Magnesium	6.38	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	14.3	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	448	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-07
Sample ID: MW-1

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	0.184	mg/L	1	0.002	3015/6010B	11/08/2002	11/8/02	SM

Lab ID: 0204950-08
Sample ID: MW-7

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	189	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	6.26	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	12.1	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	283	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	0.029	mg/L	1	0.002	3015/6010B	11/08/2002	11/8/02	SM

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-09
Sample ID: MW-8

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	160	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	7.67	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	11.1	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	199	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-10
Sample ID: MW-9

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	76.8	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM
Magnesium	3.41	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	9.06	mg/L	1	0.050	6010B	11/11/2002	11/11/02	SM
Sodium	91.0	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-11
Sample ID: MW-10

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	237	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	3.27	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	6.20	mg/L	1	0.050	6010B	11/11/2002	11/11/02	SM
Sodium	56.8	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-12
Sample ID: MW-11

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	40.8	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM
Magnesium	2.40	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	7.32	mg/L	1	0.050	6010B	11/11/2002	11/11/02	SM
Sodium	64.1	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-13
Sample ID: Duplicate

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	432	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM
Magnesium	33.1	mg/L	100	0.10	6010B	11/11/2002	11/11/02	SM
Potassium	46.7	mg/L	10	0.50	6010B	11/11/2002	11/11/02	SM
Sodium	938	mg/L	100	1.0	6010B	11/11/2002	11/11/02	SM

Lab ID: 0204950-14
Sample ID: Duplicate

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	39.8	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM
Magnesium	2.30	mg/L	10	0.010	6010B	11/11/2002	11/11/02	SM
Potassium	7.52	mg/L	1	0.050	6010B	11/11/2002	11/11/02	SM
Sodium	70.9	mg/L	10	0.10	6010B	11/11/2002	11/11/02	SM

Approval: Raland K Tuttle 2-04-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-01
Sample ID: MW-1

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	292	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	957	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	665	mg/L	25	12.5	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2800	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-02
Sample ID: MW-2

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	180	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	691	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	1160	mg/L	25	12.5	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3420	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-03
Sample ID: MW-3

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	528	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	1360	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	76.4	mg/L	2	1.0	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3200	mg/L	1	5.0	160.1	11/8/02	TAL

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-04
Sample ID: MW-4

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	400	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	691	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	975	mg/L	25	12.5	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3060	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-05
Sample ID: MW-5

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	608	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	585	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	403	mg/L	10	5.0	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2310	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-06
Sample ID: MW-6

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	700	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	567	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	69.8	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1870	mg/L	1	5.0	160.1	11/8/02	TAL

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-08
Sample ID: MW-7

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	260	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	461	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	620	mg/L	25	12.5	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1880	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-09
Sample ID: MW-8

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	180	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	638	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	241	mg/L	10	5.0	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1980	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-10
Sample ID: MW-9

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	346	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	65.0	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	90.8	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	718	mg/L	1	5.0	160.1	11/8/02	TAL

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-11
Sample ID: MW-10

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	132	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	239	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	107	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1020	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-12
Sample ID: MW-11

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	152	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	47.3	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	76.5	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	459	mg/L	1	5.0	160.1	11/8/02	TAL

Lab ID: 0204950-13
Sample ID: Duplicate

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	344	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	3100	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	176	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	5980	mg/L	1	5.0	160.1	11/8/02	TAL

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#: G0204950
Project: 2-0103
Project Name: Dynegy/ Eunice Middle Plant
Location: None Given

Lab ID: 0204950-14
Sample ID: Duplicate

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	154	mg/L	1	2.00	310.1	11/8/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
Chloride	47.3	mg/L	1	5.00	9253	11/12/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/8/02	SB
SULFATE, 375.4	80	mg/L	2.5	1.25	375.4	11/12/02	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	460	mg/L	1	5.0	160.1	11/8/02	TAL

Approval: Raland K Tuttle 2-04-03
Date

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

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204950

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003738-02			<0.001		
Toluene-mg/L	0003738-02			<0.001		
Ethylbenzene-mg/L	0003738-02			<0.001		
p/m-Xylene-mg/L	0003738-02			<0.001		
o-Xylene-mg/L	0003738-02			<0.001		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003738-03		0.1	0.099	99.%	
Toluene-mg/L	0003738-03		0.1	0.102	102.%	
Ethylbenzene-mg/L	0003738-03		0.1	0.102	102.%	
p/m-Xylene-mg/L	0003738-03		0.2	0.216	108.%	
o-Xylene-mg/L	0003738-03		0.1	0.103	103.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003738-04		0.1	0.109	109.%	9.6%
Toluene-mg/L	0003738-04		0.1	0.110	110.%	7.5%
Ethylbenzene-mg/L	0003738-04		0.1	0.111	111.%	8.5%
p/m-Xylene-mg/L	0003738-04		0.2	0.225	112.5%	4.1%
o-Xylene-mg/L	0003738-04		0.1	0.111	111.%	7.5%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003738-05		0.1	0.095	95.%	
Toluene-mg/L	0003738-05		0.1	0.097	97.%	
Ethylbenzene-mg/L	0003738-05		0.1	0.099	99.%	
p/m-Xylene-mg/L	0003738-05		0.2	0.211	105.5%	
o-Xylene-mg/L	0003738-05		0.1	0.100	100.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0204950

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0003685-01			<2.00		
Carbonate Alkalinity-mg/L	0003687-01			<0.10		
Chloride-mg/L	0003720-01			<5.00		
Hydroxide Alkalinity-mg/L	0003689-01			<0.10		
SULFATE, 375.4-mg/L	0003722-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0204950-01	292		291		0.3%
Carbonate Alkalinity-mg/L	0204950-01	0		<0.10		0.%
Hydroxide Alkalinity-mg/L	0204950-01	0		<0.10		0.%
SULFATE, 375.4-mg/L	0204935-01	116		120		3.4%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204935-01	833	500	1330	99.4%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204935-01	833	500	1320	97.4%	0.8%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0003685-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0003687-04		0.05	0.0496	99.2%	
Chloride-mg/L	0003720-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0003689-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0003722-04		50	49.0	98.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0204950

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0003711-02			<0.010		
Magnesium-mg/L	0003711-02			<0.001		
Potassium-mg/L	0003711-02			<0.050		
Sodium-mg/L	0003711-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0204950-02	314		312		0.6%
Magnesium-mg/L	0204950-02	12.8		12.5		2.4%
Potassium-mg/L	0204950-02	17.2		16.8		2.4%
Sodium-mg/L	0204950-02	468		472		0.9%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0003711-05		2	2.01	100.5%	
Magnesium-mg/L	0003711-05		2	1.90	95.%	
Potassium-mg/L	0003711-05		2	1.79	89.5%	
Sodium-mg/L	0003711-05		2	1.79	89.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0204950

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/L	0003673-01			<0.002		
Total Dissolved Solids (TDS)-mg/L	0003709-01			<5.0		
DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L	0204950-01	2800		2780		0.7%
MS WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/L	0204972-01	0.005	0.2	0.192	93.5%	
MSD WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/L	0204972-01	0.005	0.2	0.195	95.%	1.6%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/L	0003673-04		1	1.06	106.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0204950

Project: Dynegy/ Eunice Middle Plant

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
MW-1	0204950-01	WATER	11/06/2002	11/07/2002
MW-2	0204950-02	WATER	11/06/2002	11/07/2002
MW-3	0204950-03	WATER	11/06/2002	11/07/2002
MW-4	0204950-04	WATER	11/06/2002	11/07/2002
MW-5	0204950-05	WATER	11/06/2002	11/07/2002
MW-6	0204950-06	WATER	11/06/2002	11/07/2002
MW-1	0204950-07	WATER	11/07/2002	11/07/2002
MW-7	0204950-08	WATER	11/07/2002	11/07/2002
MW-8	0204950-09	WATER	11/07/2002	11/07/2002
MW-9	0204950-10	WATER	11/07/2002	11/07/2002
MW-10	0204950-11	WATER	11/07/2002	11/07/2002
MW-11	0204950-12	WATER	11/07/2002	11/07/2002
Duplicate	0204950-13	WATER	11/06/2002	11/07/2002
Duplicate	0204950-14	WATER	11/07/2002	11/07/2002

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference from coeluting compounds. (0204950-12 & 14)

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

Approved By: Kalan d K/CSQ Date: 2-04-03

Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

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

CLIENT NAME: Chevron Texaco
SITE MANAGER: Cindy Crain
PROJECT NO.: 2-0103
PROJECT NAME: Eunice Middle Plant
PAGE 1 OF
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	Anions	Cations	TDS	B-Tex	Chromium (Total)	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
11-6-02	1351	—			MW-1	1	X	X	X			0204950-01	unpreserved
" "	1425	—			MW-2	1	X	X	X			02	unpreserved
" "	1500	—			MW-3	1	X	X	X			03	unpreserved
" "	1500	—			MW-3	2				X			preserved - HCL
" "	1550	—			MW-4	1	X	X	X			04	unpreserved
" "	1630	—			MW-5	1	X	X	X			05	unpreserved
" "	1705	—			MW-6	1	X	X	X			06	unpreserved
" "	1705	—			MW-6	2				X			preserved - HCL
11-7-02	0945	—			MW-1	1					X	07	preserved - ~~HCL~~ HNO_3
" "	1025	—			MW-7	1	X	X	X			08	unpreserved
" "	1025	—			MW-7	1					X		preserved - HNO_3
" "	1100	—			MW-8	1	X	X	X			09	unpreserved
" "	1135	—			MW-9	1	X	X	X			10	unpreserved
" "	1200	—			MW-10	1	X	X	X			11	unpreserved
" "	1310	—			MW-11	1	X	X	X			12	Unpreserved
" "	1310	—			MW-11	2				X			preserved - HCL

SAMPLED BY: (Signature) Michael Holmes — DATE: 11-7-02 TIME:
RELINQUISHED BY: (Signature) — DATE: TIME:
RECEIVED BY: (Signature) — DATE: TIME:

RELINQUISHED BY: (Signature) — DATE: 11-7-02 TIME: 1520
RECEIVED BY: (Signature) — DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX HAND DELIVERED BUS UPS AIRBILL #: 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) Teresa Labre
DATE: 11/7/02 TIME: 3:20

SAMPLE CONDITION WHEN RECEIVED: 13°C

LA CONTACT PERSON: Cindy Crain

SAMPLE TYPE:

CHAIN—OF—CUSTODY RECORD

CLIENT NAME: Chevron Texaco
SITE MANAGER: Cindy Crain
PROJECT NO.: 2-0103
PROJECT NAME: Eunice Middle Plat
PAGE 2 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: B-Tex	Anions	Cations	TDS	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
11-6-02		✓			Duplicate	2	X				020495-13	preserved - HCL
" "		✓			Duplicate	1		X	X	X	↓	unpreserved - A
11-7-02		✓			Duplicate	1		X	X	X	-14	Unpreserved
" "		✓			Duplicate	2	X				↓	Preserved - HCL

SAMPLED BY: (Signature) [signature] DATE: 11-7-02 TIME: 1330

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) [signature] DATE: 11-7-02 TIME: 1520

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) [signature]
DATE: 11/7/02 TIME: 3:20

SAMPLE CONDITION WHEN RECEIVED: 13°C

LA CONTACT PERSON: Cindy Crain

SAMPLE TYPE:

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy
PO#:	2-0103
Order#:	G0204452
Report Date:	09/17/2002

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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

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
0204452-01	MW-8	WATER	9/6/02 9:10	9/6/02 16:25	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 1.0c

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204452-02	MW-9	WATER	9/6/02 9:30	9/6/02 16:25	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 1.0c

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204452-03	MW-10	WATER	9/6/02 9:50	9/6/02 16:25	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 1.0c

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0204452-04	MW-11	WATER	9/6/02 10:10	9/6/02 16:25	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 1.0c

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

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
	Mercury, Total					
	Total Dissolved Solids (TDS)					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-01
Sample ID: MW-8

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003126-02		9/12/02 15:27	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	89%	80	120

Lab ID: 0204452-02
Sample ID: MW-9

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003126-02		9/12/02 15:49	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	95%	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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-03
Sample ID: MW-10

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003126-02		9/12/02 16:11	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	100%	80	120
Bromofluorobenzene	97%	80	120

Lab ID: 0204452-04
Sample ID: MW-11

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003126-02		9/12/02 17:00	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	5.05	0.010
Ethylbenzene	0.052	0.010
Toluene	0.024	0.010
p/m-Xylene	0.132	0.010
o-Xylene	0.035	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	168%	80	120
Bromofluorobenzene	107%	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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Approval: Celey D. Keene 9/18/02

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

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

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

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

Order#: G0204452

Project: Dynegy

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

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
MW-8	0204452-01	WATER	09/06/2002	09/06/2002
MW-9	0204452-02	WATER	09/06/2002	09/06/2002
MW-10	0204452-03	WATER	09/06/2002	09/06/2002
MW-11	0204452-04	WATER	09/06/2002	09/06/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds

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

Approved By: _____ Date: 9/18/02

Environmental Lab of Texas I, Ltd.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-01
Sample ID: MW-8

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	210	mg/L	1	2.00	310.1	9/7/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
Chloride	337	mg/L	1	5.00	9253	9/10/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
SULFATE, 375.4	216	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1180	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204452-02
Sample ID: MW-9

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	306	mg/L	1	2.00	310.1	9/7/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
Chloride	56.7	mg/L	1	5.00	9253	9/10/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
SULFATE, 375.4	74.7	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	555	mg/L	1	5.0	160.1	9/6/02	SB

Lab ID: 0204452-03
Sample ID: MW-10

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	160	mg/L	1	2.00	310.1	9/7/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
Chloride	168	mg/L	1	5.00	9253	9/10/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
SULFATE, 375.4	94.0	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	696	mg/L	1	5.0	160.1	9/6/02	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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-04
Sample ID: MW-11

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	194	mg/L	1	2.00	310.1	9/7/02	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
Chloride	42.5	mg/L	1	5.00	9253	9/10/02	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	9/7/02	SB
SULFATE, 375.4	72.3	mg/L	1	0.5	375.4	9/9/02	TAL

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	428	mg/L	1	5.0	160.1	9/6/02	SB

Approval: Celey D. Keene 9/18/02
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

ANALYTICAL REPORT

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

Order#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-01
Sample ID: MW-8

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	128	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM
Magnesium	55.8	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	8.15	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	151	mg/L	100	1.0	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.034	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.092	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	<0.004	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204452-02
Sample ID: MW-9

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	21.5	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM
Magnesium	25.8	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	4.23	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	78.9	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.025	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.089	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	0.021	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-02
Sample ID: MW-9

Lab ID: 0204452-03
Sample ID: MW-10

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	90.6	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM
Magnesium	27.0	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	4.09	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	61.6	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.029	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.097	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	<0.004	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Lab ID: 0204452-04
Sample ID: MW-11

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	37.4	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM
Magnesium	20.8	mg/L	10	0.010	6010B	09/16/2002	9/16/02	SM
Potassium	5.05	mg/L	10	0.50	6010B	09/16/2002	9/16/02	SM
Sodium	64.3	mg/L	10	0.10	6010B	09/16/2002	9/16/02	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.053	mg/L	1	0.008	6010B		9/10/02	SM
Barium	0.088	mg/L	1	0.001	6010B		9/10/02	SM
Cadmium	<0.001	mg/L	1	0.001	6010B		9/10/02	SM
Chromium	<0.002	mg/L	1	0.002	6010B		9/10/02	SM
Lead	<0.011	mg/L	1	0.011	6010B		9/10/02	SM
Selenium	<0.004	mg/L	1	0.004	6010B		9/10/02	SM
Silver	<0.002	mg/L	1	0.002	6010B		9/10/02	SM

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#: G0204452
Project: 2-0103
Project Name: Dynegy
Location: Middle Plant

Lab ID: 0204452-04
Sample ID: MW-11

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	<0.002	mg/L	1	0.002	7470	09/11/2002	9/12/02	SM

Approval: Celey D. Keene 9/18/02
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.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204452

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0003126-02			<0.001		
Ethylbenzene-mg/L	0003126-02			<0.001		
Toluene-mg/L	0003126-02			<0.001		
p/m-Xylene-mg/L	0003126-02			<0.001		
o-Xylene-mg/L	0003126-02			<0.001		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0204452-03	0	0.1	0.088	88.%	
Ethylbenzene-mg/L	0204452-03	0	0.1	0.088	88.%	
Toluene-mg/L	0204452-03	0	0.1	0.089	89.%	
p/m-Xylene-mg/L	0204452-03	0	0.2	0.182	91.%	
o-Xylene-mg/L	0204452-03	0	0.1	0.087	87.%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0204452-03	0	0.1	0.092	92.%	4.4%
Ethylbenzene-mg/L	0204452-03	0	0.1	0.094	94.%	6.6%
Toluene-mg/L	0204452-03	0	0.1	0.095	95.%	6.5%
p/m-Xylene-mg/L	0204452-03	0	0.2	0.193	96.5%	5.9%
o-Xylene-mg/L	0204452-03	0	0.1	0.093	93.%	6.7%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0003126-05		0.1	0.088	88.%	
Ethylbenzene-mg/L	0003126-05		0.1	0.088	88.%	
Toluene-mg/L	0003126-05		0.1	0.090	90.%	
p/m-Xylene-mg/L	0003126-05		0.2	0.182	91.%	
o-Xylene-mg/L	0003126-05		0.1	0.087	87.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0204452

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0003068-01			<2.00		
Carbonate Alkalinity-mg/L	0003069-01			<0.10		
Chloride-mg/L	0003089-01			<5.00		
Hydroxide Alkalinity-mg/L	0003070-01			<0.10		
SULFATE, 375.4-mg/L	0003085-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0204452-01	210		211		0.5%
Carbonate Alkalinity-mg/L	0204452-01	0		<0.10		0.%
Hydroxide Alkalinity-mg/L	0204452-01	0		<0.10		0.%
SULFATE, 375.4-mg/L	0204445-01	621		630		1.4%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204452-01	337	500	833	99.2%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0204452-01	337	500	824	97.4%	1.1%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0003068-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0003069-04		0.05	0.0496	99.2%	
Chloride-mg/L	0003089-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0003070-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0003085-04		50	47.1	94.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0204452

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0003150-02			<0.010		
Magnesium-mg/L	0003150-02			<0.001		
Potassium-mg/L	0003150-02			< 0.050		
Sodium-mg/L	0003150-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0204452-01	128		126		1.6%
Magnesium-mg/L	0204452-01	55.8		55.9		0.2%
Potassium-mg/L	0204452-01	8.15		8.09		0.7%
Sodium-mg/L	0204452-01	151		152		0.7%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0003150-05		2	1.91	95.5%	
Magnesium-mg/L	0003150-05		2	2.08	104.%	
Potassium-mg/L	0003150-05		2	1.84	92.%	
Sodium-mg/L	0003150-05		2	1.94	97.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

METALS RCRA 7 Total

Order#: G0204452

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-02			<0.008		
Barium-mg/L	0003139-02			<0.001		
Cadmium-mg/L	0003139-02			<0.001		
Chromium-mg/L	0003139-02			<0.002		
Lead-mg/L	0003139-02			<0.011		
Selenium-mg/L	0003139-02			<0.004		
Silver-mg/L	0003139-02			<0.002		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-03		0.8	0.789	98.6%	
Barium-mg/L	0003139-03		0.2	0.214	107.%	
Cadmium-mg/L	0003139-03		0.2	0.202	101.%	
Chromium-mg/L	0003139-03		0.2	0.208	104.%	
Lead-mg/L	0003139-03		1	0.992	99.2%	
Selenium-mg/L	0003139-03		0.4	0.411	102.7%	
Silver-mg/L	0003139-03		0.2	0.198	99.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-04		0.8	0.801	100.1%	1.5%
Barium-mg/L	0003139-04		0.2	0.216	108.%	0.9%
Cadmium-mg/L	0003139-04		0.2	0.207	103.5%	2.4%
Chromium-mg/L	0003139-04		0.2	0.211	105.5%	1.4%
Lead-mg/L	0003139-04		1	1	100.%	0.8%
Selenium-mg/L	0003139-04		0.4	0.412	103.%	0.2%
Silver-mg/L	0003139-04		0.2	0.198	99.%	0.%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0003139-05		1	1.03	103.%	
Barium-mg/L	0003139-05		1	1.02	102.%	
Cadmium-mg/L	0003139-05		1	1.01	101.%	
Chromium-mg/L	0003139-05		1	1.01	101.%	
Lead-mg/L	0003139-05		1	1.03	103.%	
Selenium-mg/L	0003139-05		1	1.01	101.%	
Silver-mg/L	0003139-05		0.5	0.53	106.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0204452

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-01			<0.002		
Total Dissolved Solids (TDS)-mg/L	0003067-01			<5.00		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-02		0.015	0.014	93.3%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-03		0.015	0.014	93.3%	0.%
DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L	0204445-01	2620		2610		0.4%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0003124-04		0.015	0.015	100.%	

CHAIN—OF—CUSTODY RECORD

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

CLIENT NAME: Dynegy

SITE MANAGER: Cindy Crain

PROJECT NO.: 2-0103

PROJECT NAME: Middle Plant

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX 8021B	Anions	Cations	TDS	Dissolved Metals	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
9/6/02	0910	✓			MW-8	4	✓	✓	✓	✓	✓	0204452-01	
"	0930	✓			MW-9	4	✓	✓	✓	✓	✓	02	
"	0950	✓			MW-10	4	✓	✓	✓	✓	✓	03	
"	1010	✓			MW-11	4	✓	✓	✓	✓	✓	04	

SAMPLED BY: (Signature) Cindy Crain
DATE: 9/6/02
TIME: 1020

RELINQUISHED BY: (Signature) Cindy Crain
DATE: 9/6/02
TIME: 1435

RELINQUISHED BY: (Signature)
DATE:
TIME:

RECEIVED BY: (Signature) Kelly Tow
DATE: 9-06-02
TIME: 1625

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

Rec 1.0°C

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

RECEIVED BY: (Signature)
DATE: TIME:

SAMPLE CONDITION WHEN RECEIVED: BTEX - HCl
METALS - HNO_3

LA CONTACT PERSON:

SAMPLE TYPE:

LARSON & ASSOCIATES, INC.

P. O. Box 50685 ◆ Midland, Texas 79710-0685

Ph. (915) 687-0901

Larson & Associates, Inc.
Environmental Consultants

RECEIVED

SEP 0 8 2003

OIL CONSERVATION DIVISION

September 4, 2003

VIA FACSIMILE: (505) 476-3462

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Subsurface and Groundwater Investigation Report, Dynegy Midstream Services, L.P., Eunice Gas Plant (GW-005), UL B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:
Dynegy Midstream Services, L.P. (Dynegy) has retained Larson and Associates, Inc. (LA) to extend the subsurface investigation at its Eunice Gas Plant (Facility) located in Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. An initial investigation was performed on April 9, 2002, in accordance with procedures specified by the New Mexico Oil Conservation Division (NMOCD) in a letter dated December 26, 2001. Three monitoring wells (MW-1 through MW-3) were installed at the Facility on April 9, 2002. Eight (8) wells (MW-4 through MW-11) were subsequently installed between August 6 through 9, 2002. Five (5) additional monitoring wells (MW-12 through MW-16) were installed from June 3 through June 4, 2003. A summary report detailing installation of wells MW-1 through MW-3 was submitted to the NMOCD on June 7, 2002. A report detailing installation of wells MW-4 through MW-11 was submitted to the NMOCD on February 11, 2003. This report presents the results of the June 2003 well installations, and groundwater monitoring of wells MW-1 through MW-16. Figure 1 presents the location of the Facility.

Current Investigation

Between June 3 and 4, 2003, five (5) monitoring wells (MW-12 through MW-16) were installed northeast, east, west and south of the Facility to determine the extent of impact to groundwater from dissolved benzene, toluene, ethylbenzene, xylene (collectively referred to as BTEX), chromium, chloride, dissolved metals and total dissolved solids (TDS). Figure 2 presents a Facility drawing and well locations. Table 1 presents a summary of drilling and completion details. Appendix A presents the boring logs and well construction diagrams.

Soil samples were collected for headspace analysis, however, no laboratory tests were performed on the soil samples since the wells were installed at locations where soil impacts were not anticipated. The monitoring wells were drilled to depths ranging from approximately 35 to 47 feet below ground surface (bgs) using an air rotary drilling rig. The wells were constructed with 2-inch schedule 40 screw threaded PVC casing and screen. The well screen, about 20 feet in length, was installed across the groundwater surface.

The monitoring wells were developed by bailing until groundwater was visibly clear of fine grained sediment. Depth to groundwater and phase-separated hydrocarbons (PSH) was measured in all wells on June 12, 2003. No PSH was observed, and depth to groundwater ranged from 22.29 feet bgs (MW-4) to 60.74 feet bgs (MW-8). The elevation of the groundwater surface ranged from 3372.63 feet above mean sea level (MSL) to 3349.76 feet above MSL. Figure 3 presents a groundwater potentiometric map for June 12, 2003. Referring to Figure 3, a groundwater high is apparent beneath the facility, and groundwater flow is generally to the southeast at a gradient of approximately 0.02 feet per foot. Components of groundwater flow to the northeast, east and southwest are evident.

Groundwater samples were collected from the wells on June 13 and 16, 2003. The samples were analyzed for BTEX, anions, cations, TDS and metals analysis. Table 2 presents a summary of the organic analyses. Table 3 presents a summary of the metals analyses. Table 4 presents a summary of the general inorganic analyses. Appendix B presents the laboratory reports.

Referring to Table 2, elevated benzene concentrations were reported in samples from MW-3 (2.04 mg/L), MW-6 (0.036 mg/L), MW-11 (5.09 mg/L) and MW-14 (0.012 mg/L). The New Mexico Water Quality Control Commission (NMWQCC) human health standard for benzene, 0.01 milligrams per liter (mg/L), was exceeded in samples from wells MW-3, MW-6, MW-11 and MW-14. No benzene impacts were reported from the remaining wells. Ethylbenzene and xylene exceeded the NMWQCC human health standards in the sample from well MW-3. Figure 4 presents a Facility drawing showing detected concentrations of dissolved benzene and BTEX.

Referring to Table 3, dissolved arsenic was observed above the NMWQCC human health standard of 0.1 mg/L in the sample from MW-3 (0.116 mg/L). Barium also exceeded the NMWQCC standard of 1.0 mg/L in MW-3 (3.18 mg/L). Dissolved chromium was observed above the NMWQCC standard of 0.05 mg/L in the sample from MW-1 (0.20 mg/L). Dissolved lead was detected above the NMWQCC standard of 0.05 mg/L in the samples from MW-11 (0.111 mg/L) and MW-13 (0.158 mg/L). The test method detection limit for dissolved lead was above the NMWQCC standard during analysis of

samples from MW-14 and MW-15. Selenium was reported above the standard of 0.05 mg/L in MW-15 (0.1 mg/L). No metal impacts were reported from the remaining wells.

Referring to Table 4, chloride was reported above the NMWQCC domestic water quality standard of 250 mg/L in all monitoring wells except MW-9 (58.5 mg/L) and MW-11 (44.3 mg/L). The highest chloride concentrations were reported in samples from wells MW-13 and MW-14, located east and southeast of the Facility, respectively. Sulfate concentrations exceeded the NMWQCC standard of 600 mg/L in MW-2 (929 mg/L), MW-4 (905 mg/L), MW-5 (784 mg/L), MW-13 (1,230 mg/L), MW-14 (750 mg/L) and MW-15 (612 mg/L). TDS concentrations exceeded the NMWQCC standard of 1,000 mg/L in all monitoring wells except MW-9, MW-10 and MW-11. The highest TDS concentrations were reported in samples from wells MW-13 and MW-14, located east and southeast of the Facility, respectively. Figure 5 presents an isopleth map of chloride concentrations in groundwater. Figure 6 presents an isopleth map of sulfate concentrations in groundwater. Figure 7 presents an isopleth map of TDS concentrations in groundwater.

Dynegy recommends that groundwater monitoring be conducted on a semi-annual basis, with samples submitted for laboratory analysis of BTEX, dissolved metals and general groundwater chemistry. An Annual Groundwater Monitoring Report will be submitted to the NMOCD upon completion of activities. Prior to each groundwater monitoring event, 48 hour notification will be given to the NMOCD.

Please call Mr. Cal Wrangham at (915) 688-0542 or myself at (915) 687-0901 if you have questions. I may also be contacted by e mail at cindy@LAenvironmental.com.

Sincerely,
Larson and Associates, Inc.

Cindy K. Crain
Geologist

Encl.

cc: Cal Wrangham
Chris Williams

TABLES

Table 1: **Summary of Monitoring Well Drilling and Completion Details**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Lea County, New Mexico

Well Number	Date Drilled	Ground Elevation (Feet AMSL)	Top of Casing Elevation (Feet AMSL)	Drilled Depth (Feet BGS)	Well Depth (Feet TOC)	Well Diameter (Inches)	Screen Interval (Feet BGS)	Depth to Groundwater 06-12-03 (Feet TOC)
MW-1	4/9/2002	3416.39	3418.44	60.0	62.05	2	40.17 - 59.79	51.14
MW-2	4/9/2002	3392.80	3394.94	40.0	42.14	2	19.17 - 38.79	28.90
MW-3	4/9/2002	3395.97	3398.46	40.0	42.49	2	19.47 - 39.09	25.83
MW-4	8/6/2002	3385.73	3388.21	35.0	37.48	2	14.87 - 34.49	24.77
MW-5	8/6/2002	3394.29	3396.84	40.0	42.55	2	19.87 - 39.49	28.22
MW-6	8/6/2002	3401.15	3403.74	52.0	54.59	2	31.87 - 51.49	39.97
MW-7	8/7/2002	3417.25	3419.71	60.0	62.46	2	39.87 - 59.49	53.51
MW-8	8/7/2002	3428.66	3431.01	75.0	77.35	2	54.87 - 74.49	63.09
MW-9	8/7/2002	3418.14	3420.59	60.0	62.45	2	39.87 - 59.49	52.42
MW-10	8/9/2002	3403.31	3405.73	47.0	49.42	2	26.87 - 46.49	37.87
MW-11	8/8/2002	3395.51	3398.01	47.0	49.51	2	30.87 - 50.49	32.75
MW-12	6/3/2003	3394.81	3396.78	45.0	46.97	2	25.00 - 44.49	30.54
MW-13	6/3/2003	3385.82	3387.69	35.0	36.87	2	25.00 - 34.49	29.20
MW-14	6/3/2003	3379.66	3381.99	47.0	49.33	2	27.00 - 46.49	32.23
MW-15	6/4/2003	3394.67	3396.61	45.0	46.94	2	25.00 - 44.49	40.67
MW-16	6/4/2003	3402.48	3404.51	45.0	47.03	2	25.00 - 44.49	43.28

Notes: Wells MW-1 through MW-11 installed by Scarborough Drilling, Inc., Lamesa, Texas
1. BGS: Depth in feet below ground surface
2. AMSL: Elevation in feet above mean sea level
3. TOC: Depth in feet below top-of-casing

Table 2: Summary of BTEX Analysis of Groundwater Samples
Dynegy Midstream Services, L.P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl benzene (mg/L)	m/p/o Xylene (mg/L)	Total BTEX (mg/L)
Standard (WQCC)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-1	4/23/2002	<0.001	<0.001	<0.001	<0.001	<0.004
MW-2	4/23/2002	0.008	0.006	0.001	0.005	0.021
MW-3	4/23/2002	0.193	0.005	0.040	0.101	0.339
Duplicate	4/23/2002	0.226	<0.005	0.049	0.113	0.388
MW-3	5/14/2002	0.379	<0.005	0.108	0.184	0.671
MW-1	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-2	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/16/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-3	9/5/2002	0.759	0.574	0.005	0.367	1.705
	11/6/2002	1.00	<0.010	0.604	0.619	<2.233
	9/16/2003	2.04	0.024	1.230	1.319	4.603
MW-4	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	9/16/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-5	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-6	9/5/2002	0.136	0.307	0.003	0.229	0.675
	11/6/2002	0.102	<0.010	0.212	<0.219	<0.543
	6/13/2003	0.036	0.005	0.019	0.029	0.089
MW-7	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-8	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-9	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-10	9/6/2002	<0.001	<0.001	<0.001	<0.001	<0.004
	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-11	9/6/2002	5.05	0.052	0.024	0.167	5.293
	11/7/2002	5.01	0.012	0.053	0.154	5.229
	6/16/2003	5.09	<0.025	<0.025	<0.107	<5.247
MW-12	6/16/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-13	6/16/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-14	6/16/2003	0.012	<0.001	<0.001	<0.002	<0.016
MW-15	6/16/2003	<0.001	<0.001	<0.001	<0.001	<0.004
MW-16	6/13/2003	<0.001	<0.001	<0.001	<0.001	<0.004
Duplicate	9/5/2002	<0.001	<0.001	<0.001	<0.001	<0.004
(MW-7)						
Duplicate	11/6/2002	1.05	<0.010	0.655	0.673	<2.388
(MW-3)						
Duplicate	11/7/2002	5.00	0.018	0.053	0.179	5.250
(MW-11)						
Duplicate	6/16/2003	1.41	<0.010	0.790	0.872	<3.082
(MW-3)						

Notes: Analyses of samples collected 4/23/02 and 5/14/02 conducted by TraceAnalysis, Inc., Lubbock, Texas
Analyses of samples collected 9/5/, 9/6, 11/6 and 11/7/02 conducted by Environmental Lab of Texas I, Ltd., Odessa, Texas

1. mg/L: Concentration in milligrams per liter
2. <: Concentration below test method detection limit
3. —: No data available
4 Duplicate sample of 4/23/02 event collected from MW-3

Table 3: Summary of Dissolved Metals Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Lea County, New Mexico

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		0.1	1.0	0.01	0.05	0.2	1.6	0.05	0.002	10	0.05	0.05
MW-1	4/23/2002	<0.050	<0.100	<0.005	0.316	<0.01	2.24	<0.010	0.00092	11.3	<0.050	<0.0125
	5/14/02	<0.050	<0.100	<0.005	0.282	--	--	<0.010	<0.0002	--	<0.050	<0.0125
MW-2	4/23/2002	<0.050	<0.100	<0.005	<0.010	<0.01	3.99	<0.010	<0.0002	24.1	<0.050	<0.0125
MW-3	4/23/2002	<0.050	0.528	<0.005	<0.010	<0.01	3.00	<0.010	<0.0002	1.39	<0.050	<0.0125

Notes: Analyses performed byTraceAnalysis, Inc., Lubbock, Texas

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		0.1	1.0	0.01	0.05	0.2	1.6	0.05	0.002	10	0.05	0.05
MW-1	9/5/2002	0.052	0.062	<0.001	0.174	--	--	<0.011	<0.002	--	0.020	<0.002
	11/7/2002	--	--	--	0.184	--	--	--	--	--	--	--
	6/13/2003	<0.009	0.044	<0.001	0.200	--	--	<0.012	<0.0005	--	<0.004	<0.002
MW-2	9/5/2002	0.018	0.020	<0.001	<0.002	--	--	<0.011	<0.002	--	0.018	<0.002
	6/16/2003	<0.008	0.020	0.001	0.012	--	--	0.011	<0.0005	--	0.050	<0.002
MW-3	9/5/2002	0.082	3.220	<0.001	<0.002	--	--	<0.011	<0.002	--	0.014	<0.002
	6/16/2003	0.116	3.180	<0.001	<0.002	--	--	<0.011	<0.0005	--	<0.004	<0.002
MW-4	9/5/2002	0.034	0.045	0.007	<0.002	--	--	<0.011	<0.002	--	0.021	<0.002
	6/16/2003	<0.008	0.038	<0.001	<0.002	--	--	<0.011	<0.0005	--	0.028	<0.002
MW-5	9/5/2002	0.056	0.072	<0.001	0.008	--	--	<0.011	<0.002	--	0.031	<0.002
	6/13/2003	0.017	0.036	<0.001	0.004	--	--	<0.012	<0.0005	--	0.010	<0.002
MW-6	9/5/2002	0.082	0.263	<0.001	<0.002	--	--	<0.011	<0.002	--	0.034	<0.002
	6/13/2003	0.013	0.199	<0.001	0.002	--	--	<0.012	<0.0005	--	<0.004	<0.002
MW-7	9/5/2002	0.028	0.055	<0.001	0.011	--	--	<0.011	<0.002	--	0.026	<0.002
	11/7/2002	--	--	--	0.029	--	--	--	--	--	--	--
	6/13/2003	<0.009	0.074	<0.001	<0.002	--	--	<0.012	<0.0005	--	0.014	<0.002
MW-8	9/6/2002	0.034	0.092	<0.001	<0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
	6/13/2003	0.012	0.124	<0.001	<0.002	--	--	<0.012	<0.0005	--	0.006	<0.002
MW-9	9/6/2002	0.025	0.089	<0.001	<0.002	--	--	<0.011	<0.002	--	0.021	<0.002
	6/13/2003	<0.009	0.152	0.001	0.004	--	--	<0.012	<0.0005	--	<0.004	<0.002
MW-10	9/6/2002	0.029	0.097	<0.001	0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
	6/13/2003	<0.009	0.233	<0.001	<0.002	--	--	<0.012	<0.0005	--	<0.004	<0.002

Table 3: Summary of Dissolved Metals Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Lea County, New Mexico

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		**0.1**	**1.0**	**0.01**	**0.05**	**0.2**	**1.6**	**0.05**	**0.002**	**10**	**0.05**	**0.05**
MW-11	9/6/2002	0.053	0.088	<0.001	<0.002	--	--	<0.011	<0.002	--	<0.004	<0.002
	6/16/2003	<0.080	0.179	<0.010	0.031	--	--	0.111	<0.0005	--	<0.040	<0.020
MW-12	6/16/2003	0.021	0.074	<0.001	<0.002	--	--	<0.011	<0.0005	--	0.010	<0.002
MW-13	6/16/2003	<0.080	0.190	<0.010	<0.020	--	--	0.158	<0.0005	--	<0.040	<0.020
MW-14	6/16/2003	<0.080	0.138	<0.010	<0.020	--	--	<0.110	<0.0005	--	<0.040	<0.020
MW-15	6/16/2003	<0.080	0.045	<0.010	<0.020	--	--	<0.110	<0.0005	--	0.100	<0.020
MW-16	6/13/2003	<0.009	0.210	<0.001	<0.002	--	--	<0.012	<0.0005	--	<0.004	<0.002
Duplicate	9/5/2002	0.023	0.054	<0.001	0.014	--	--	<0.011	<0.002	--	0.024	<0.002
Duplicate	6/16/2003	0.147	2.610	<0.010	0.040	--	--	<0.110	<0.0005	--	<0.040	<0.020

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

1. WQCC: New Mexico Water Quality Control Commission Standard
2. mg/L: Concentration in milligrams per liter
3. <: Concentration below test method detection limit
4. --: No data available
5 Duplicate sample collected from MW-7 (9/5/02)
6. Duplicate sample collected from MW-3 (6/16/03)

Table 4: Summary of Inorganic Analyses of Groundwater Samples from Monitoring Wells
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	250.0	600.0	--	--	--	--	1,000	6 - 9
MW-1	4/23/2002	300	724.0	542.0	183.0	68.50	18.30	471.0	2,340	7.4
MW-2	4/23/2002	180	625.0	1,270.0	340.0	128.00	20.00	445.0	3,240	7.4
MW-3	4/23/2002	304	2,500.0	245.0	447.0	274.00	50.60	729.0	4,880	6.9

Notes: Analyses performed byTraceAnalysis, Inc., Lubbock, Texas

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	250.0	600.0	--	--	--	--	1,000	6 - 9
MW-1	9/5/2002	<266.20	851.0	621.0	140.0	67.30	14.50	606.0	2,620	--
	11/6/2002	<292.20	957.0	665.0	175.0	7.05	14.80	586.0	2,800	--
	6/13/2003	<356.40	939.0	505.0	143.0	76.50	17.90	554.0	2,720	---
MW-2	9/5/2002	<198.20	638.0	1,090.0	317.0	139.00	17.00	509.0	3,290	---
	11/6/2002	<180.20	691.0	1,160.0	314.0	12.80	17.20	468.0	3,420	---
	6/16/2003	<200.40	691.0	929.0	389.0	141.00	33.10	703.0	3,270	---
MW-3	9/5/2002	<520.20	1,910.0	120.0	137.0	228.00	27.70	871.0	4,280	--
	11/6/2002	<528.20	1,360.0	76.4	176.0	18.70	18.40	589.0	3,200	--
	6/16/2003	<502.40	1,540.0	85.0	238.0	215.00	35.10	951.0	3,780	---
MW-4	9/5/2002	<410.20	674.0	872.0	190.0	132.00	20.20	491.0	2,950	---
	11/6/2002	<400.20	691.0	975.0	253.0	12.30	19.40	406.0	3,060	---
	6/16/2003	<492.40	638.0	905.0	292.0	134.00	33.20	805.0	2,920	---
MW-5	9/5/2002	<628.20	514.0	446.0	41.6	33.30	22.90	693.0	2,190	---
	11/6/2002	<608.20	585.0	403.0	124.0	4.19	18.80	520.0	2,310	---
	6/13/2003	<372.40	425.0	784.0	113.0	44.40	15.60	588.0	2,450	---
MW-6	9/5/2002	<700.20	514.0	67.5	17.6	50.30	17.50	537.0	1,790	---
	11/6/2002	<700.20	567.0	69.8	91.2	6.38	14.30	448.0	1,870	---
	6/13/2003	<600.40	487.0	114.0	47.9	51.10	14.80	407.0	1,660	---
MW-7	9/5/2002	<312.20	443.0	455.0	130.0	63.00	13.60	297.0	1,810	--
	11/7/2002	<260.20	461.0	620.0	189.0	6.26	12.10	283.0	1,880	--
	6/13/2003	<242.40	372.0	482.0	140.0	57.20	12.80	209.0	1,660	---

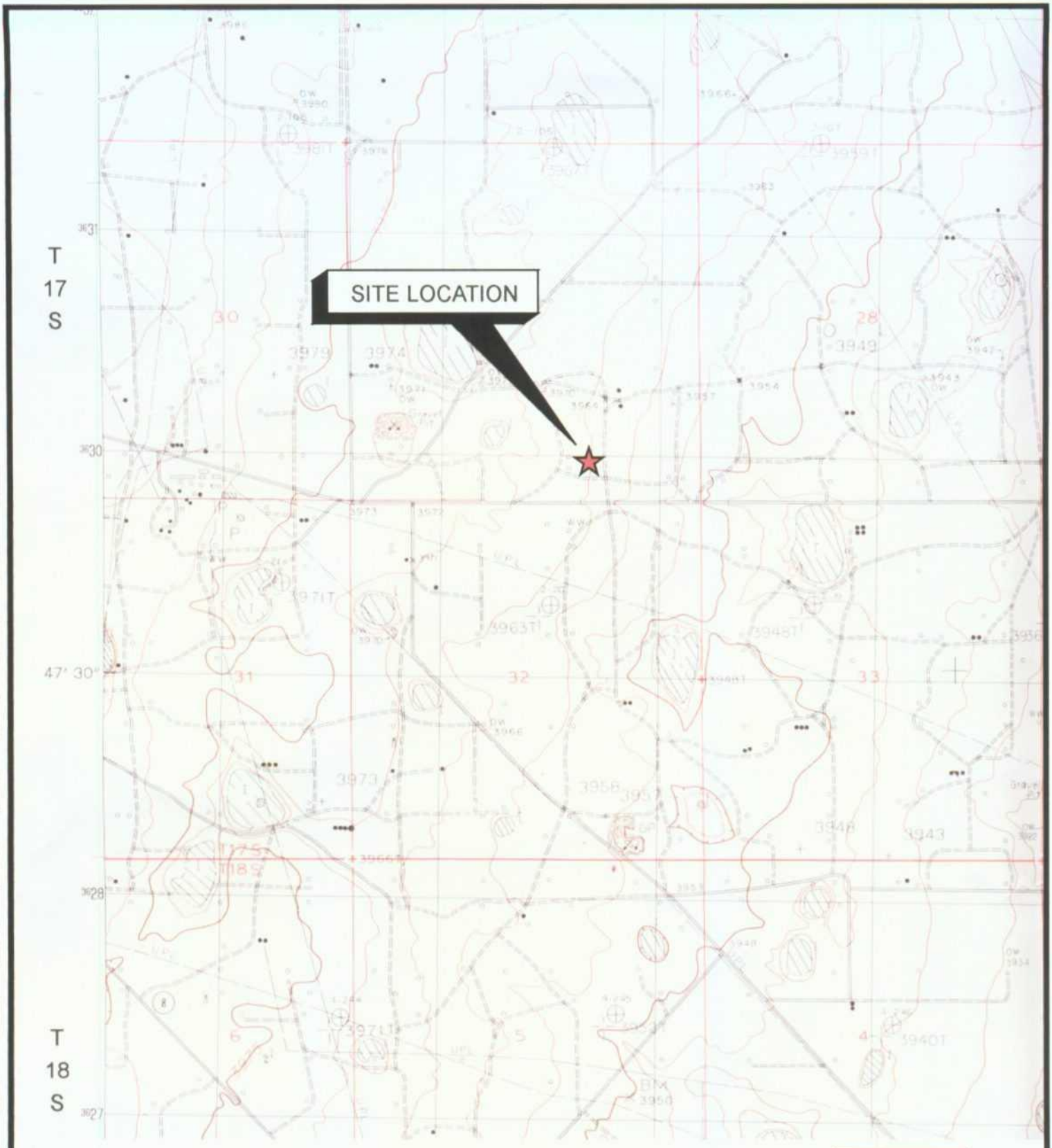
Table 4: Summary of Inorganic Analyses of Groundwater Samples from Monitoring Wells
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	**250.0**	**600.0**	--	--	--	--	**1,000**	**6 - 9**
MW-8	9/6/2002	<210.20	337.0	216.0	128.0	55.80	8.15	151.0	1,180	--
	11/7/2002	<180.20	638.0	241.0	160.0	7.67	11.10	199.0	1,980	--
	6/13/2003	<176.40	399.0	178.0	110.0	55.00	8.74	136.0	1,100	---
MW-9	9/6/2002	<306.20	56.7	74.7	21.5	25.80	4.23	78.9	555	--
	11/7/2002	<346.20	65.0	90.8	76.8	3.41	9.06	91.0	718	--
	6/13/2003	<352.40	58.5	98.0	50.6	26.00	9.33	85.0	546	---
MW-10	9/6/2002	<160.20	168.0	94.0	90.6	27.00	4.09	61.6	696	--
	11/7/2002	<132.20	239.0	107.0	237.0	3.27	6.20	56.8	1,020	--
	6/13/2003	<120.20	301.0	91.6	154.0	35.20	6.48	54.2	1,000	---
MW-11	9/6/2002	<194.20	42.5	72.3	37.4	20.80	5.05	64.3	428	--
	11/7/2002	<152.40	47.3	76.5	40.8	2.40	7.32	64.1	459	--
	6/16/2003	<168.40	44.3	87.8	49.6	22.00	32.20	282.0	324	---
MW-12	6/16/2003	<168.40	1,510.0	485.0	357.0	171.00	44.90	1,680.0	2,550	---
MW-13	6/16/2003	<170.40	8,680.0	1,230.0	2,100.0	650.00	202.00	5,990.0	20,900	---
MW-14	6/16/2003	<268.40	25,000.0	750.0	1,720.0	691.00	464.00	39,200.0	44,700	---
MW-15	6/16/2003	<364.40	1,600.0	612.0	189.0	78.50	260.00	3,560.0	2,310	---
MW-16	6/13/2003	<432.40	585.0	184.0	94.9	48.20	13.70	366.0	1,730	---
Duplicate	9/5/2002	<284.20	461.0	452.0	145.0	64.20	14.40	303.0	1,920	--
(MW-7)										
Duplicate	11/6/2002	<344.20	3,100.0	176.0	432.0	33.10	46.70	938.0	5,980	--
(MW-3)										
Duplicate	11/7/2002	<154.20	47.3	80.0	39.8	2.30	7.52	70.9	460	--
(MW-11)										
Duplicate	6/16/2003	<532.40	1,370.0	76.8	275.0	192.00	61.30	2,690.0	2,460	---
(MW-3)										

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

1. WQCC: New Mexico Water Quality Control Commission
2. mg/L: Concentration in milligrams per liter
3. --: No data available

FIGURES



TAKEN FROM U.S.G.S.
LOVINGTON SW, NEW MEXICO 1985
7.5' QUADRANGLES

SCALE: 1"=2000'

FIGURE #1

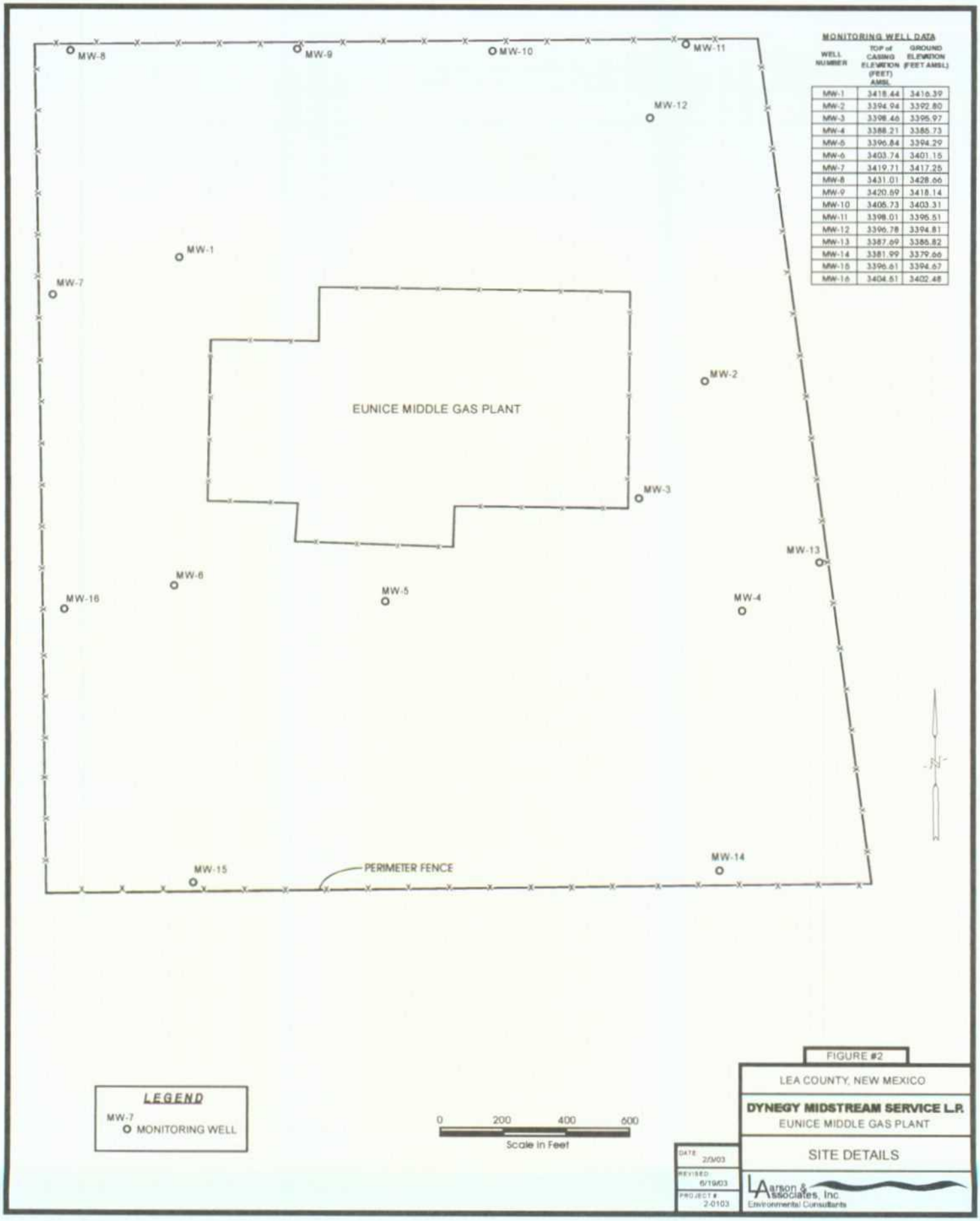
LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.
EUNICE MIDDLE GAS PLANT

LOCATION & TOPOGRAPHIC MAP

DATE: 10/28/02
NAME:
FILE: 0-0100-27

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.16
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.69	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.61	3402.48

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

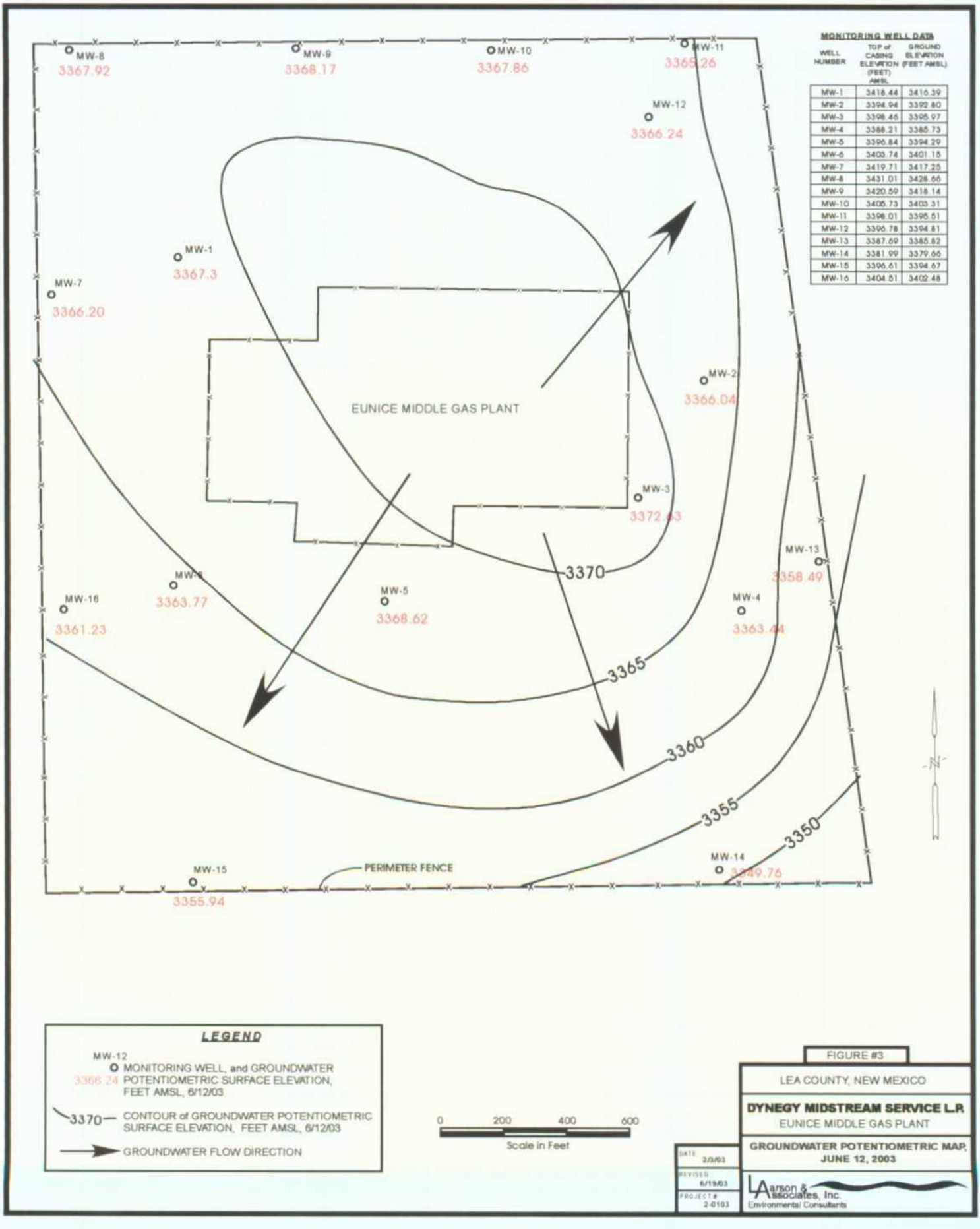
SITE DETAILS

DATE 2/5/03

REVISED 6/19/03

PROJECT # 2-0103

Aaron & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

LEGEND

MW-12
3366.24 — MONITORING WELL, and GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION, FEET AMSL, 6/12/03

3370 — CONTOUR of GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION, FEET AMSL, 6/12/03

GROUNDWATER FLOW DIRECTION

0 200 400 600
Scale in Feet

FIGURE #3

LEA COUNTY, NEW MEXICO

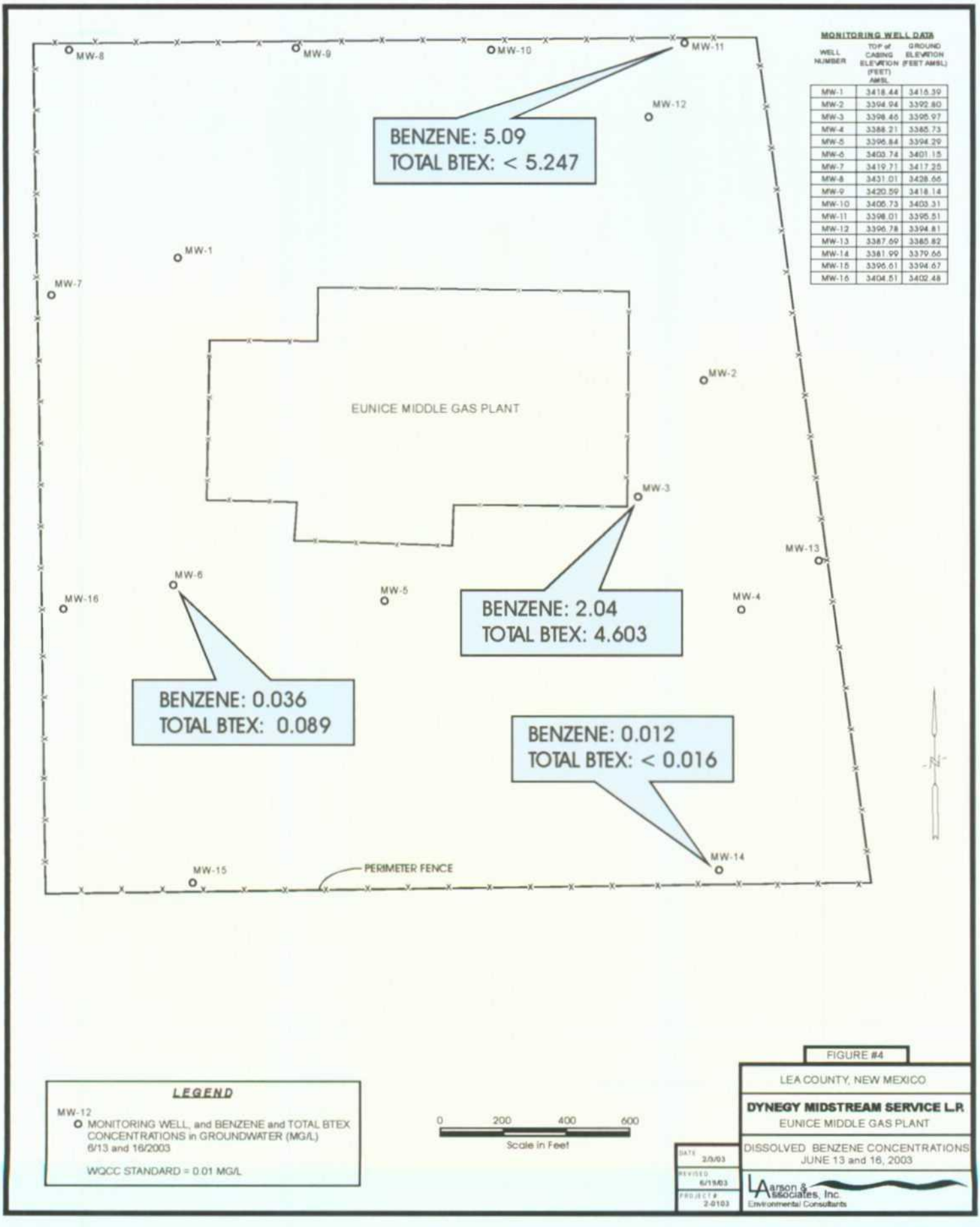
DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

GROUNDWATER POTENTIOMETRIC MAP, JUNE 12, 2003

DATE 2/3/03
REVISED 6/19/03
PROJECT # 2-0103

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.26
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3406.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

FIGURE #4

LEA COUNTY, NEW MEXICO

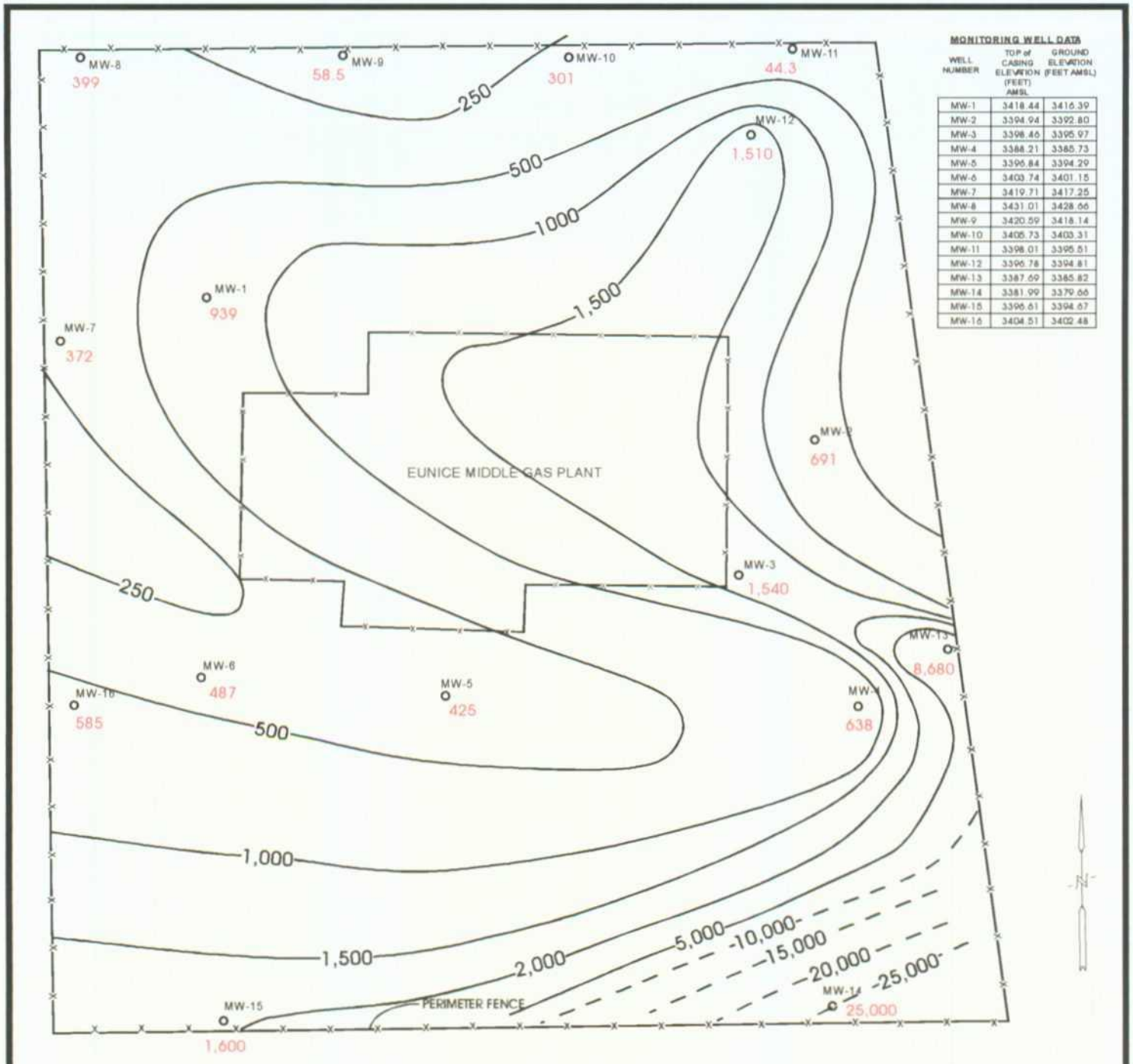
DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

DISSOLVED BENZENE CONCENTRATIONS
JUNE 13 and 16, 2003

DATE 2/0/03
REVISED 6/19/03
PROJECT # 2-0103

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3406.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

LEGEND

MW-12
O MONITORING WELL, and CHLORIDE CONCENTRATION
1,510 in GROUNDWATER (MG/L), 6/13 and 16/2003

WQCC STANDARD = 250.0 MG/L

0 200 400 600
Scale in Feet

FIGURE #5

LEA COUNTY, NEW MEXICO

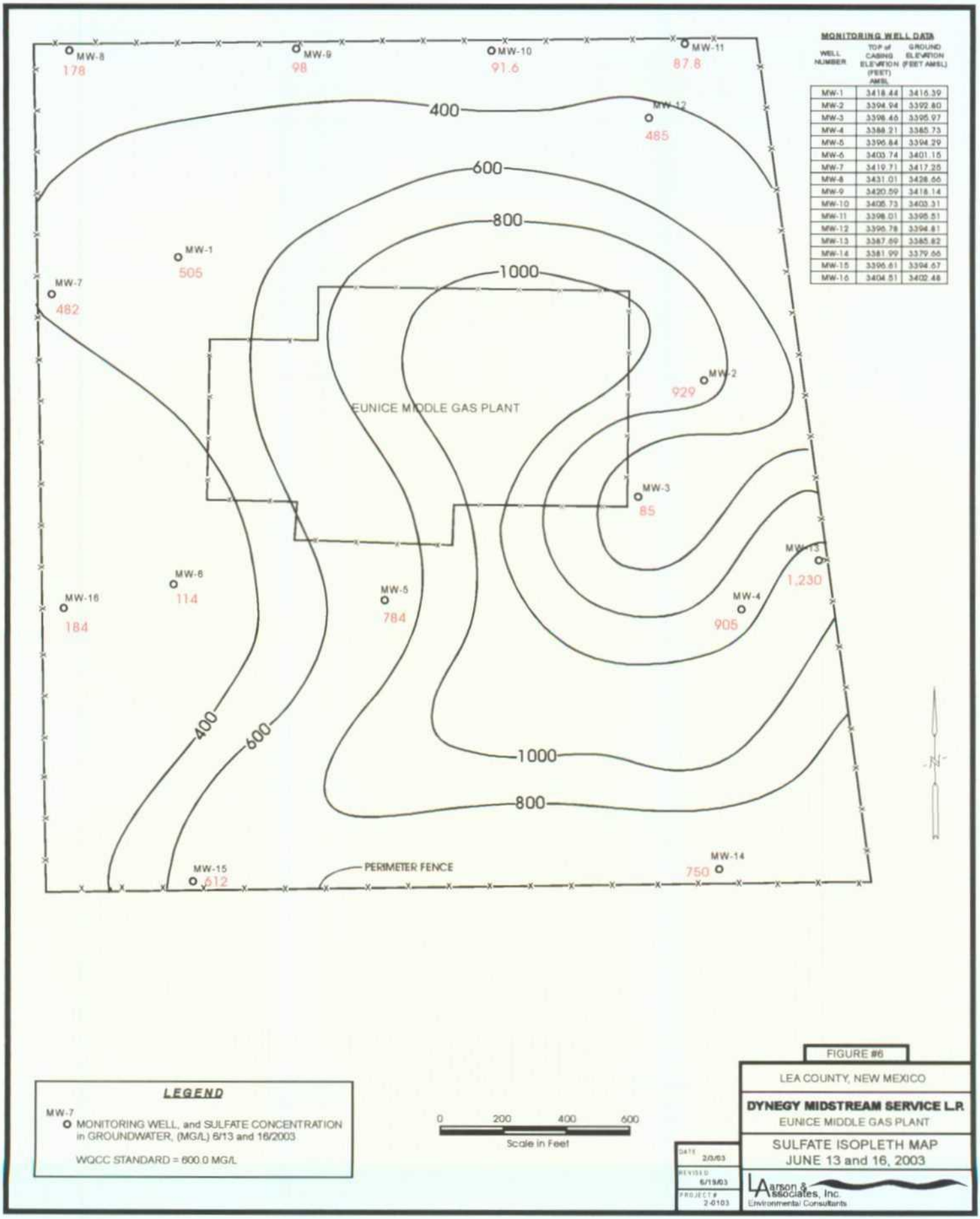
DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

CHLORIDE ISOPLETH MAP
JUNE 13 and 16, 2003

DATE: 2/3/03
REVISED: 6/19/03
PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3406.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

LEGEND

MW-7
O MONITORING WELL, and SULFATE CONCENTRATION in GROUNDWATER, (MG/L) 6/13 and 16/2003

WQCC STANDARD = 600.0 MG/L

0 200 400 600
Scale in Feet

FIGURE #6

LEA COUNTY, NEW MEXICO

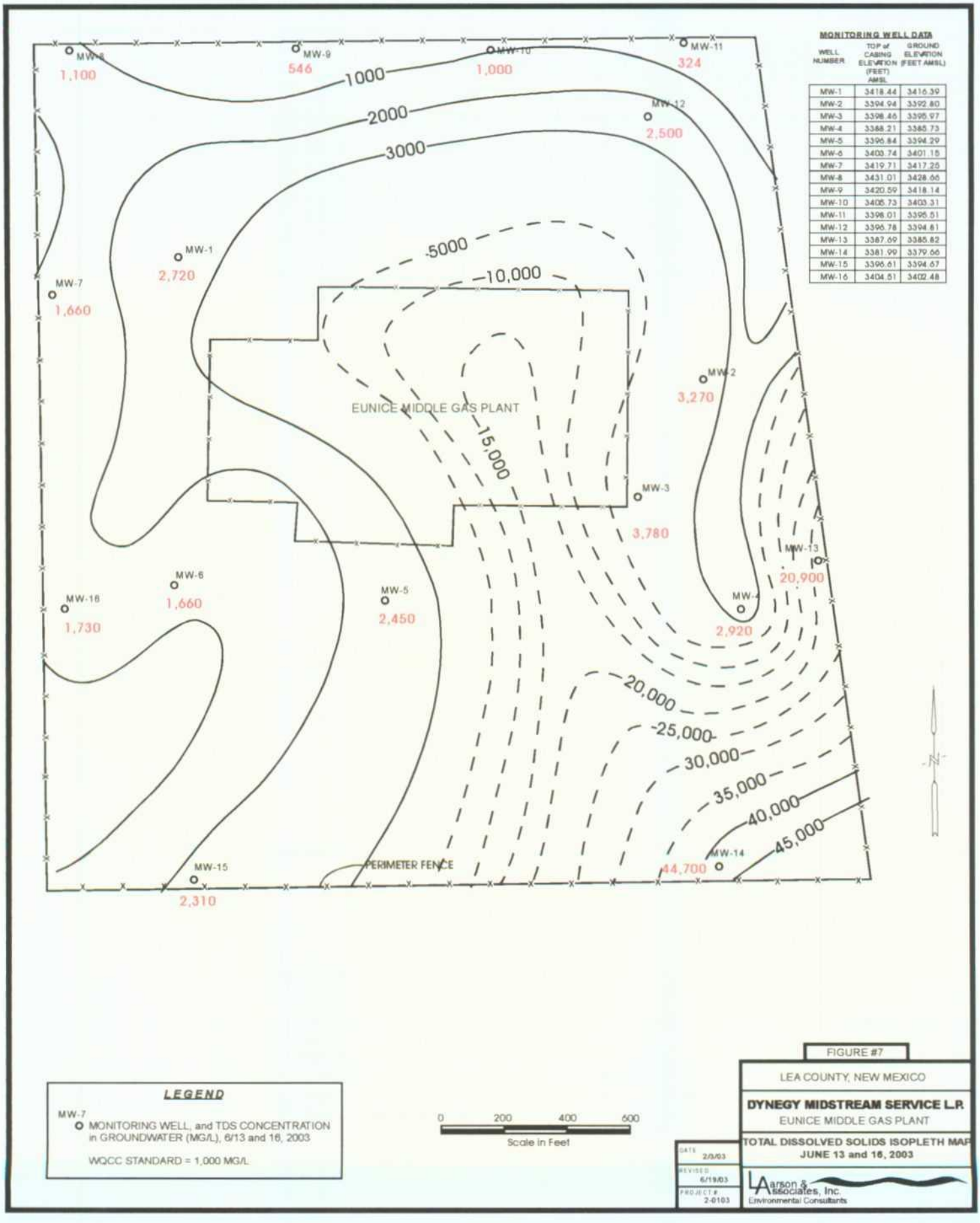
DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

SULFATE ISOPLETH MAP
JUNE 13 and 16, 2003

DATE 2/3/03
REVISED 6/19/03
PROJECT # 2-6103

Larson & Associates, Inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP of CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

LEGEND

MW-7
O MONITORING WELL, and TDS CONCENTRATION in GROUNDWATER (MG/L), 6/13 and 16, 2003

WQCC STANDARD = 1,000 MG/L

0 200 400 600
Scale in Feet

FIGURE #7

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

TOTAL DISSOLVED SOLIDS ISOPLETH MAP
JUNE 13 and 16, 2003

DATE 2/3/03
REVISED 6/19/03
PROJECT # 2-0103

Larson & Associates, Inc.
Environmental Consultants

APPENDIX A

Boring Logs and Well Construction Diagrams

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-12

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 500 1500	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Sand*** 5 YR 4/4, reddish brown quartz sand, very fine grained, poorly sorted, loose.	3396						
5		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine grained, very poorly sorted, indurated at 17-25 feet. No odor.							1.0 to 21.0': Cement-Bentonite Grout
10									
15									0.0 to 25.0: 2" Sch. 40 PVC Riser (Threaded)
20									21.0 to 23.0': Bentonite pellets
25			3371						
30		***Sand*** 5 YR 6/4, light reddish brown quartz sand, very fine grained, well sorted, loose, damp at 29 feet. No odor.							W. L. 28.19' BGS (6/12/03)
35									25.0 to 44.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
40		***Clayey Sand*** 2.5 YR 4/6, red quartz sand, very fine grained, very poorly sorted, loose, damp to wet at 45 feet. No odor.	3360						23.0 to 45.0': 8-16 Graded Silica Sand
45		***TD: 45'***	3353						Sch. 40 Cap (Threaded)
50									
55									

Drilling Method: Rotary

Date Drilled: 6/3/03

Well Size: 2"

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

TOC Elevation: 3396.78

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-13

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 500 1500	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine grained, very poorly sorted. No odor.							
5									1.0 to 21.0': Cement-Bentonite Grout
10									
			3384						
15		***Clayey Sand*** 2.5 YR 4/6, red quartz sand, very fine grained, very poorly sorted, slightly damp at 16 feet. No odor.							0.0 to 25.0: 2" Sch. 40 PVC Riser (Threaded)
20									21.0 to 23.0': Bentonite pellets
25									23.0 to 35.0': 8-16 Graded Silica Sand
30									25.0 to 34.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
									W. L. 32.13 BGS (6/4/03)
			3363						
35		***TD: 35'***							Sch. 40 Cap (Threaded)
40									
45									

Drilling Method: Rotary

Date Drilled: 6/3/03

Well Size: 2"

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

TOC Elevation: 3387.69

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-14

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 500 1500	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine to fine grained, very poorly sorted, indurated. No odor.							
5									1.0 to 23.0': Cement-Bentonite Grout
10									
15									0.0 to 27.0: 2" Sch. 40 PVC Riser (Threaded)
20									
25			3370						23.0 to 25.0': Bentonite pellets
30		***Sand*** 5 YR 6/4, light reddish brown quartz sand, very fine grained, well sorted, loose, damp at 32 feet. No odor.							W. L. 29.55' BGS (6/4/03)
35									25.0 to 47.0': 8-16 Graded Silica Sand
40									27.0 to 46.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
45			3351						Sch. 40 Cap (Threaded)
		TD: 47'							
50									
55									

Drilling Method: Rotary

Date Drilled: 6/3/03

Well Size: 2"

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

TOC Elevation: 3381.99

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-15

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 500 1500	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine to fine grained, very poorly sorted, indurated. No odor.							
5									1.0 to 21.0': Cement-Bentonite Grout
10									
15									0.0 to 25.0': 2" Sch. 40 PVC Riser (Threaded)
20									21.0 to 23.0': Bentonite pellets
25			3372						
		Sand 5 YR 6/4, light reddish brown quartz sand, very fine grained, well sorted, loose, damp at 30 feet. No odor.							23.0 to 47.0': 8-16 Graded Silica Sand
30									
35									W. L. 37.40' BGS (6/5/03)
40									25.0 to 44.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
			3353						Sch. 40 Cap (Threaded)
45		***TD: 45'***							
50									
55									

Drilling Method: Rotary

Date Drilled: 6/4/03

Well Size: 2"

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

TOC Elevation: 3396.61

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L.P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-16

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE				SAMPLE			PID Measurement (PPM) 500 1500	Well Detail	Notes
Depth	Symbol	Description	Elev.	Number	Type	Recovery			Well Secured with Locking Above-Grade Cover
0		***Caliche*** 7.5 YR 8/3, pink quartz sand, very fine to fine grained, very poorly sorted, indurated. No odor.							1.0 to 21.0': Cement-Bentonite Grout
15			3383						0.0 to 25.0': 2" Sch. 40 PVC Riser (Threaded)
		Sand 5 YR 6/4, light reddish brown quartz sand, very fine grained, well sorted, loose, damp at 30 feet. No odor.							21.0 to 23.0': Bentonite pellets
									23.0 to 47.0': 8-16 Graded Silica Sand
									25.0 to 44.49': 2" Sch. 40 Screen, 0.02" Slot (Threaded)
									W. L. 41.07 BGS (6/5/03)
45			3353						Sch. 40 Cap (Threaded)
		TD: 45'							

Drilling Method: Rotary

Date Drilled: 6/4/03

Well Size: 2"

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

TOC Elevation: 3404.51

Checked by: CKC

Drilled by: Scarborough Drilling

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dynegy Midstream Services, L.P. Owner's Well No. MW-12

Street or Post Office Address P.O. Box 1909

City and State Eunice, New Mexico 88231

Well was drilled under Permit No. _____ and is located in the:

a. Eunice Middle Gas Plant ¼ ¼ ¼ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD1188

Address P.O. Box 305 Lamesa, Texas 79331

Drilling Began 05/29/03 Completed 05/29/03 Type tools Rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 45 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 28.19 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	sch 40 pvc		+2	25		.020	25	45

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	21	2	cement		poured
21	23	2	bentonite		poured
23	45	2	sand		poured

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	2.5	2.5	Sand: reddish brown quartz sand, vfg, poorly sorted, loose.
2.5	27	24.5	Caliche: pink quartz sand, vfg, very poorly sorted, indurated at 17' - 25'. No odor.
27	38	11	Sand: lt. reddish brown quartz sand, vfg, well sorted, loose, damp at 29'. No odor.
38	45	7	Clayey sand: red quartz sand, vfg, very poorly sorted, loose, damp to wet at 45'. No odor.

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Lee Seabourn
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office [illegible]. All sections except Section 5 shall be answered as completely and accurately as possible when any well is

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dynegy Midstream Services, L.P. Owner's Well No. MW- 13

Street or Post Office Address P.O. Box 1909

City and State Eunice, New Mexico 88231

Well was drilled under Permit No. _____ and is located in the:

a. Eunice Middle Gas Plant ¼ ¼ ¼ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD1188

Address P.O. Box 305 Lamesa, Texas 79331

Drilling Began 05/29/03 Completed 05/29/03 Type tools Rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 35 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 32.13 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	sch 40 pvc		+2	25		.020	25	35

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	21	2	cement		poured
21	23	2	bentonite		poured
23	35	2	sand		poured

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	14	14	Caliche: pink quartz sand, vfg, very poorly sorted. No odor.
14	35	11	Clayey sand: red quartz sand, vfg, very poorly sorted, slightly damp at 16'. No odor.

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Loe Searboy
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office [illegible]. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dynegy Midstream Services, L.P. Owner's Well No. MW- 14

Street or Post Office Address P.O. Box 1909

City and State Eunice, New Mexico 88231

Well was drilled under Permit No. _____ and is located in the:

a. Eunice Middle Gas Plant ¼ ¼ ¼ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD1188

Address P.O. Box 305 Lamesa, Texas 79331

Drilling Began 05/29/03 Completed 05/29/03 Type tools Rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 47 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 29 55 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	sch 40 pvc		+2	27		.020	27	47

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	23	2	cement		poured
23	25	2	bentonite		poured
25	47	2	sand		poured

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	28	28	Caliche: pink quartz sand, vfg to fg, very poorly sorted, indurated. No odor.
28	47	19	Sand: lt. reddish brown quartz sand, vfg, well sorted, loose, damp at 32'. No odor.

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Loe Scarbrough
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office [illegible]. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dynegy Midstream Services, L P Owner's Well No. MW- 15

Street or Post Office Address P.O. Box 1909

City and State Eunice, New Mexico 88231

Well was drilled under Permit No. _____ and is located in the:

a. Eunice Middle Gas Plant ¼ ¼ ¼ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD1188

Address P.O. Box 305 Lamesa, Texas 79331

Drilling Began 05/29/03 Completed 05/29/03 Type tools Rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 45 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 37.40 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	sch 40 pvc		+2	25		.020	25	45

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	21	2	cement		poured
21	23	2	bentonite		poured
23	47	2	sand		poured

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	26	26	Caliche: pink quartz sand, vfg to fg, very poorly sorted, indurated. No odor.
26	45	19	Sand: lt. reddish brown quartz sand, vfg, well sorted, loose, damp at 30'. No odor.

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Loe Scarborough
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections except Section 5 shall be answered as completely and accurately as possible when any well is

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dynegy Midstream Services, L P Owner's Well No. MW-16

Street or Post Office Address P.O. Box 1909

City and State Eunice, New Mexico 88231

Well was drilled under Permit No. _____ and is located in the:

a. Eunice Middle Gas Plant ¼ ¼ ¼ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD1188

Address P.O. Box 305 Lamesa, Texas 79331

Drilling Began 05/29/03 Completed 05/29/03 Type tools Rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 45 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 41.07 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	sch 40 pvc		+2	25		.020	25	45

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	21	2	cement		poured
21	23	2	bentonite		poured
23	45	2	sand		poured

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	15	15	Caliche: pink quartz sand, vfg to fg, very poorly sorted, indurated. No odor.
15	45	30	Sand: lt. reddish brown quartz sand, vfg, well sorted, loose, damp at 30'. No odor.

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Lee Scarborough
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office [illegible]. All sections except Section 5 shall be answered as completely and accurately as possible when any well is

APPENDIX B

Laboratory Reports

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy/Eunice Mid Plant
PO#:	2-0103
Order#:	G0306728
Report Date:	06/23/2003

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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
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
0306728-01	MW-10	WATER	6/13/03 8:35	6/13/03 16:37	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 3.5 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306728-02	MW-9	WATER	6/13/03 9:20	6/13/03 16:37	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 3.5 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306728-03	MW-8	WATER	6/13/03 10:07	6/13/03 16:37	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 3.5 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306728-04	MW-7	WATER	6/13/03 10:33	6/13/03 16:37	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 3.5 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
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
	Mercury, Total Total Dissolved Solids (TDS)					
0306728-05	MW-1	WATER	6/13/03 11:06	6/13/03 16:37	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8021B/5030 BTEX Anions Cations METALS RCRA 7 Total Mercury, Total Total Dissolved Solids (TDS)					
0306728-06	MW-16	WATER	6/13/03 12:40	6/13/03 16:37	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8021B/5030 BTEX Anions Cations METALS RCRA 7 Total Mercury, Total Total Dissolved Solids (TDS)					
0306728-07	MW-6	WATER	6/13/03 13:15	6/13/03 16:37	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8021B/5030 BTEX Anions Cations METALS RCRA 7 Total Mercury, Total Total Dissolved Solids (TDS)					
0306728-08	MW-5	WATER	6/13/03 13:50	6/13/03 16:37	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 3.5 C		
	8021B/5030 BTEX Anions					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
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
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-01
Sample ID: MW-10

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/20/03 10:48	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	93%	80	120

Lab ID: 0306728-02
Sample ID: MW-9

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 21:23	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	111%	80	120
Bromofluorobenzene	115%	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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-03
Sample ID: MW-8

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 21:44	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	103%	80	120

Lab ID: 0306728-04
Sample ID: MW-7

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 22:05	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	106%	80	120
Bromofluorobenzene	107%	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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-05
Sample ID: MW-1

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 22:28	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	112%	80	120
Bromofluorobenzene	116%	80	120

Lab ID: 0306728-06
Sample ID: MW-16

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 22:50	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	109%	80	120
Bromofluorobenzene	114%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-07
Sample ID: MW-6

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/20/03 11:08	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	**0.036**	0.001
Toluene	**0.005**	0.001
Ethylbenzene	**0.019**	0.001
p/m-Xylene	**0.026**	0.001
o-Xylene	**0.003**	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	99%	80	120

Lab ID: 0306728-08
Sample ID: MW-5

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005929-02		6/19/03 23:34	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	109%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Approval: Celey D. Keene 06/23/03
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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-01
Sample ID: MW-10

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	120	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	301	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	91.6	mg/L	2	1.0	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1000	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306728-02
Sample ID: MW-9

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	352	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	58.5	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	98.0	mg/L	2	1.0	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	546	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306728-03
Sample ID: MW-8

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	176	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	399	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	178	mg/L	2.5	1.25	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1100	mg/L	1	5.0	160.1	6/21/03	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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-04
Sample ID: MW-7

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	242	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	372	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	482	mg/L	12.5	6.25	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1660	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306728-05
Sample ID: MW-1

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	356	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	939	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	505	mg/L	12.5	6.25	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2720	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306728-06
Sample ID: MW-16

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	432	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	585	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	184	mg/L	2.5	1.25	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1730	mg/L	1	5.0	160.1	6/21/03	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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-07
Sample ID: MW-6

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	600	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	487	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	114	mg/L	2	1.0	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1660	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306728-08
Sample ID: MW-5

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	372	mg/L	1	4.0	310.1	6/14/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
Chloride	425	mg/L	1	5.00	9253	6/17/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/14/03	SB
SULFATE, 375.4	784	mg/L	12.5	6.25	375.4	6/16/03	SB

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2450	mg/L	1	5.0	160.1	6/21/03	SB

Approval: Celey D. Keene 06/23/03
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

ANALYTICAL REPORT

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

Order#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-01
Sample ID: MW-10

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	154	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	35.2	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	6.48	mg/L	1	0.050	6010B	06/19/2003	6/20/03	SM
Sodium	54.2	mg/L	10	0.10	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0090	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.233	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	< 0.0040	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-02
Sample ID: MW-9

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	50.6	mg/L	10	0.10	6010B	06/19/2003	6/20/03	SM
Magnesium	26.0	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	9.33	mg/L	1	0.050	6010B	06/19/2003	6/20/03	SM
Sodium	85.0	mg/L	10	0.10	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0090	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.152	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	0.001	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	0.004	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	< 0.0040	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-02
Sample ID: MW-9

Lab ID: 0306728-03
Sample ID: MW-8

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	110	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	55.0	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	8.74	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM
Sodium	136	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.012	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.124	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	0.006	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-04
Sample ID: MW-7

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	140	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	57.2	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	12.8	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM
Sodium	209	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0090	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.074	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	0.014	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-04
Sample ID: MW-7

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-05
Sample ID: MW-1

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	143	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	76.5	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	17.9	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM
Sodium	554	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0090	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.044	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	0.200	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	< 0.0040	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-06
Sample ID: MW-16

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	94.9	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	48.2	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	13.7	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM
Sodium	366	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0090	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.210	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM

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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-06
Sample ID: MW-16

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	< 0.0040	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-07
Sample ID: MW-6

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	47.9	mg/L	10	0.10	6010B	06/19/2003	6/20/03	SM
Magnesium	51.1	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	14.8	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM
Sodium	407	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.013	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.199	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	0.002	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	< 0.0040	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Lab ID: 0306728-08
Sample ID: MW-5

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	113	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM
Magnesium	44.4	mg/L	10	0.010	6010B	06/19/2003	6/20/03	SM
Potassium	15.6	mg/L	10	0.50	6010B	06/19/2003	6/20/03	SM

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#: G0306728
Project:
Project Name: Dynegy/Eunice Mid Plant
Location: None Given

Lab ID: 0306728-08
Sample ID: MW-5

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Sodium	588	mg/L	100	1.0	6010B	06/19/2003	6/20/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.017	mg/L	1.11	0.0090	3015/6010B	06/16/2003	6/18/03	SM
Barium	0.036	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Cadmium	< 0.0010	mg/L	1.11	0.0010	3015/6010B	06/16/2003	6/18/03	SM
Chromium	0.004	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM
Lead	< 0.0120	mg/L	1.11	0.0120	3015/6010B	06/16/2003	6/18/03	SM
Selenium	0.010	mg/L	1.11	0.0040	3015/6010B	06/16/2003	6/18/03	SM
Silver	< 0.0020	mg/L	1.11	0.0020	3015/6010B	06/16/2003	6/18/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/17/2003	6/18/03	SM

Approval: Celey D. Keene 06/23/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306728

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005929-02			<0.001		
Toluene-mg/L	0005929-02			<0.001		
Ethylbenzene-mg/L	0005929-02			<0.001		
p/m-Xylene-mg/L	0005929-02			<0.001		
o-Xylene-mg/L	0005929-02			<0.001		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0306728-01	0	0.1	0.101	101.%	
Toluene-mg/L	0306728-01	0	0.1	0.102	102.%	
Ethylbenzene-mg/L	0306728-01	0	0.1	0.098	98.%	
p/m-Xylene-mg/L	0306728-01	0	0.2	0.196	98.%	
o-Xylene-mg/L	0306728-01	0	0.1	0.100	100.%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0306728-01	0	0.1	0.101	101.%	0.%
Toluene-mg/L	0306728-01	0	0.1	0.101	101.%	1.%
Ethylbenzene-mg/L	0306728-01	0	0.1	0.097	97.%	1.%
p/m-Xylene-mg/L	0306728-01	0	0.2	0.192	96.%	2.1%
o-Xylene-mg/L	0306728-01	0	0.1	0.098	98.%	2.%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0005929-05		0.1	0.102	102.%	
Toluene-mg/L	0005929-05		0.1	0.102	102.%	
Ethylbenzene-mg/L	0005929-05		0.1	0.097	97.%	
p/m-Xylene-mg/L	0005929-05		0.2	0.194	97.%	
o-Xylene-mg/L	0005929-05		0.1	0.099	99.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0306728

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0005846-01			<2.00		
Carbonate Alkalinity-mg/L	0005849-01			<0.10		
Chloride-mg/L	0005864-01			<5.00		
Hydroxide Alkalinity-mg/L	0005852-01			<0.10		
SULFATE, 375.4-mg/L	0005831-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0306733-41	118		120		1.7%
Carbonate Alkalinity-mg/L	0306733-41	0		< 0.20		0.%
Hydroxide Alkalinity-mg/L	0306733-41	0		< 0.20		0.%
SULFATE, 375.4-mg/L	0306728-01	91.6		95.2		3.9%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306721-01	106	250	350	97.6%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306721-01	106	250	354	99.2%	1.1%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0005846-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0005849-04		0.05	0.0496	99.2%	
Chloride-mg/L	0005864-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0005852-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0005831-04		50	51.9	103.8%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0306728

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0005927-02			<0.010		
Magnesium-mg/L	0005927-02			<0.001		
Potassium-mg/L	0005927-02			<0.050		
Sodium-mg/L	0005927-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0306728-01	154		150		2.6%
Magnesium-mg/L	0306728-01	35.2		35.4		0.6%
Potassium-mg/L	0306728-01	6.48		6.40		1.2%
Sodium-mg/L	0306728-01	54.2		53.6		1.1%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0005927-05		2	2.07	103.5%	
Magnesium-mg/L	0005927-05		2	2.09	104.5%	
Potassium-mg/L	0005927-05		1	1.84	184.%	
Sodium-mg/L	0005927-05		2	1.97	98.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

METALS RCRA 7 Total

Order#: G0306728

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005887-02			< 0.0080		
Barium-mg/L	0005887-02			< 0.0010		
Cadmium-mg/L	0005887-02			< 0.0010		
Chromium-mg/L	0005887-02			< 0.0020		
Lead-mg/L	0005887-02			< 0.011		
Selenium-mg/L	0005887-02			< 0.0040		
Silver-mg/L	0005887-02			< 0.0020		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005887-03		0.8	0.810	101.3%	
Barium-mg/L	0005887-03		0.2	0.213	106.5%	
Cadmium-mg/L	0005887-03		0.2	0.207	103.5%	
Chromium-mg/L	0005887-03		0.2	0.209	104.5%	
Lead-mg/L	0005887-03		1.1	1.14	103.6%	
Selenium-mg/L	0005887-03		0.4	0.376	94.%	
Silver-mg/L	0005887-03		0.1	0.096	96.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005887-04		0.8	0.803	100.4%	0.9%
Barium-mg/L	0005887-04		0.2	0.210	105.%	1.4%
Cadmium-mg/L	0005887-04		0.2	0.204	102.%	1.5%
Chromium-mg/L	0005887-04		0.2	0.208	104.%	0.5%
Lead-mg/L	0005887-04		1.1	1.12	101.8%	1.8%
Selenium-mg/L	0005887-04		0.4	0.367	91.7%	2.4%
Silver-mg/L	0005887-04		0.1	0.095	95.%	1.%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005887-05		1	1.01	101.%	
Barium-mg/L	0005887-05		1	1.07	107.%	
Cadmium-mg/L	0005887-05		1	1.03	103.%	
Chromium-mg/L	0005887-05		1	1.04	104.%	
Lead-mg/L	0005887-05		1	1.01	101.%	
Selenium-mg/L	0005887-05		1	0.962	96.2%	
Silver-mg/L	0005887-05		0.5	0.508	101.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306728

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0005884-01			< 0.00050		
Mercury, Total-mg/L	0005885-01			< 0.00050		
Total Dissolved Solids (TDS)-mg/L	0005932-01			<5.00		
CONTROL WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005884-02		0.001	0.00101	101.%	
Mercury, Total-mg/L	0005885-02		0.001	0.00099	99.%	
CONTROL DUP WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005884-03		0.001	0.00102	102.%	1.%
Mercury, Total-mg/L	0005885-03		0.001	0.00094	94.%	5.2%
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Total Dissolved Solids (TDS)-mg/L	0306728-01	1000		1040		3.9%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005884-04		0.001	0.00096	96.%	
Mercury, Total-mg/L	0005885-04		0.001	0.00097	97.%	

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy Middle Plant
PO#:	
Order#:	G0306747
Report Date:	06/25/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
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
0306747-01	MW-4	WATER	6/16/03 15:17	6/17/03 15:58	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 6.0 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306747-02	MW-2	WATER	6/16/03 13:43	6/17/03 15:58	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 6.0 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306747-03	MW-3	WATER	6/16/03 14:47	6/17/03 15:58	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 6.0 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total
Mercury, Total
Total Dissolved Solids (TDS)

0306747-04	MW-13	WATER	6/16/03 14:13	6/17/03 15:58	See COC	See COC

Lab Testing: **Rejected:** No **Temp:** 6.0 C

8021B/5030 BTEX
Anions
Cations
METALS RCRA 7 Total

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
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
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0306747-05	MW-12	WATER	6/16/03 13:13	6/17/03 15:58	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0306747-06	MW-14	WATER	6/16/03 13:55	6/17/03 15:58	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0306747-07	MW-15	WATER	6/16/03 16:22	6/17/03 15:58	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0306747-08	MW-11	WATER	6/16/03 12:38	6/17/03 15:58	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8021B/5030 BTEX					
	Anions					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
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
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					
0306747-09	DUP	WATER	6/16/03	6/17/03 15:58	See COC	See COC
	Lab Testing:	**Rejected:** No		**Temp:** 6.0 C		
	8021B/5030 BTEX					
	Anions					
	Cations					
	METALS RCRA 7 Total					
	Mercury, Total					
	Total Dissolved Solids (TDS)					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-01
Sample ID: MW-4

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 7:41	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	105%	80	120
Bromofluorobenzene	83%	80	120

Lab ID: 0306747-02
Sample ID: MW-2

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 8:02	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	83%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-03
Sample ID: MW-3

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/23/03 13:57	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	**2.04**	0.010
Toluene	**0.024**	0.010
Ethylbenzene	**1.23**	0.010
p/m-Xylene	**1.21**	0.010
o-Xylene	**0.109**	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	111%	80	120
Bromofluorobenzene	100%	80	120

Lab ID: 0306747-04
Sample ID: MW-13

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 12:17	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	112%	80	120
Bromofluorobenzene	117%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-05
Sample ID: MW-12

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 12:38	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	112%	80	120
Bromofluorobenzene	120%	80	120

Lab ID: 0306747-06
Sample ID: MW-14

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 17:25	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	0.012	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	120%	80	120
Bromofluorobenzene	116%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-07
Sample ID: MW-15

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 17:46	1	1	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	114%	80	120
Bromofluorobenzene	116%	80	120

Lab ID: 0306747-08
Sample ID: MW-11

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/21/03 23:06	1	25	CK	8021B

Parameter	Result mg/L	RL
Benzene	5.09	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.082	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	119%	80	120
Bromofluorobenzene	119%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-09
Sample ID: DUP

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005931-02		6/23/03 14:18	1	10	CK	8021B

Parameter	Result mg/L	RL
Benzene	**1.41**	0.010
Toluene	**<0.010**	0.010
Ethylbenzene	**0.790**	0.010
p/m-Xylene	**0.790**	0.010
o-Xylene	**0.082**	0.010

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	111%	80	120
Bromofluorobenzene	101%	80	120

Approval: Raland K Tuttle 6-25-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy Middle Plant
PO#:	
Order#:	G0306747
Report Date:	07/01/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-01
Sample ID: MW-4

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	292	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	134	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	33.2	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM
Sodium	805	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	<0.008	mg/L	1	0.008	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.038	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	<0.001	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Chromium	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM
Lead	<0.011	mg/L	1	0.011	3005/6010B	06/23/2003	6/25/03	SM
Selenium	0.028	mg/L	1	0.004	3005/6010B	06/23/2003	6/25/03	SM
Silver	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-02
Sample ID: MW-2

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	389	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	141	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	33.1	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM
Sodium	703	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	<0.008	mg/L	1	0.008	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.020	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	0.001	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Chromium	0.012	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM
Lead	0.011	mg/L	1	0.011	3005/6010B	06/23/2003	6/25/03	SM
Selenium	0.050	mg/L	1	0.004	3005/6010B	06/23/2003	6/25/03	SM
Silver	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-02
Sample ID: MW-2

Lab ID: 0306747-03
Sample ID: MW-3

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	238	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	215	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	35.1	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM
Sodium	951	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.116	mg/L	1	0.008	3005/6010B	06/23/2003	6/25/03	SM
Barium	3.18	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	<0.001	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Chromium	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM
Lead	<0.011	mg/L	1	0.011	3005/6010B	06/23/2003	6/25/03	SM
Selenium	<0.004	mg/L	1	0.004	3005/6010B	06/23/2003	6/25/03	SM
Silver	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-04
Sample ID: MW-13

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	2100	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM
Magnesium	650	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	202	mg/L	100	5.0	6010B	06/21/2003	6/21/03	SM
Sodium	5990	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0080	mg/L	1	0.0080	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.190	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	< 0.0010	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Chromium	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM
Lead	< 0.011	mg/L	1	0.0110	3005/6010B	06/23/2003	6/25/03	SM
Selenium	< 0.040	mg/L	1	0.0040	3005/6010B	06/23/2003	6/25/03	SM
Silver	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-04
Sample ID: MW-13

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-05
Sample ID: MW-12

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	357	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	171	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	44.9	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM
Sodium	1680	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.021	mg/L	1	0.008	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.074	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	<0.001	mg/L	1	0.001	3005/6010B	06/23/2003	6/25/03	SM
Chromium	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM
Lead	<0.011	mg/L	1	0.011	3005/6010B	06/23/2003	6/25/03	SM
Selenium	<0.004	mg/L	1	0.004	3005/6010B	06/23/2003	6/25/03	SM
Silver	<0.002	mg/L	1	0.002	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-06
Sample ID: MW-14

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	1720	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM
Magnesium	691	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	464	mg/L	100	5.0	6010B	06/21/2003	6/21/03	SM
Sodium	39200	mg/L	10000	100	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.0080	mg/L	1	0.0080	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.098	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	< 0.0010	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-06
Sample ID: MW-14

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM
Lead	< 0.0110	mg/L	1	0.0110	3005/6010B	06/23/2003	6/25/03	SM
Selenium	< 0.040	mg/L	1	0.0040	3005/6010B	06/23/2003	6/25/03	SM
Silver	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-07
Sample ID: MW-15

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	189	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	78.5	mg/L	10	0.010	6010B	06/21/2003	6/21/03	SM
Potassium	260	mg/L	100	5.0	6010B	06/21/2003	6/21/03	SM
Sodium	3560	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.014	mg/L	1	0.0080	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.031	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	< 0.0010	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Chromium	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM
Lead	< 0.0110	mg/L	1	0.0110	3005/6010B	06/23/2003	6/25/03	SM
Selenium	< 0.0040	mg/L	1	0.0040	3005/6010B	06/23/2003	6/25/03	SM
Silver	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-08
Sample ID: MW-11

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	49.6	mg/L	10	0.10	6010B	06/21/2003	6/21/03	SM
Magnesium	22.0	mg/L	10	0.010	6010B	06/21/2003	6/21/03	SM
Potassium	32.2	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-08
Sample ID: MW-11

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Sodium	282	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.027	mg/L	1	0.0080	3005/6010B	06/23/2003	6/25/03	SM
Barium	0.092	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	< 0.0010	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Chromium	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM
Lead	< 0.0110	mg/L	1	0.0110	3005/6010B	06/23/2003	6/25/03	SM
Selenium	< 0.0040	mg/L	1	0.0040	3005/6010B	06/23/2003	6/25/03	SM
Silver	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

Lab ID: 0306747-09
Sample ID: DUP

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	275	mg/L	100	1.0	6010B	06/21/2003	6/21/03	SM
Magnesium	192	mg/L	100	0.10	6010B	06/21/2003	6/21/03	SM
Potassium	61.3	mg/L	10	0.50	6010B	06/21/2003	6/21/03	SM
Sodium	2690	mg/L	1000	10.0	6010B	06/21/2003	6/21/03	SM

METALS RCRA 7 Total

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	0.082	mg/L	1	0.0080	3005/6010B	06/23/2003	6/25/03	SM
Barium	1.43	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Cadmium	< 0.0010	mg/L	1	0.0010	3005/6010B	06/23/2003	6/25/03	SM
Chromium	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM
Lead	< 0.0110	mg/L	1	0.0110	3005/6010B	06/23/2003	6/25/03	SM
Selenium	< 0.0040	mg/L	1	0.0040	3005/6010B	06/23/2003	6/25/03	SM
Silver	< 0.0020	mg/L	1	0.0020	3005/6010B	06/23/2003	6/25/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Mercury, Total	< 0.00050	mg/L	1	0.00050	7470	06/23/2003	6/24/03	SM

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RAY JONES	Order#:	G0306747
LARSON AND ASSOCIATES, INC.	Project:	2-0103
P.O. BOX 50685	Project Name:	Dynegy Middle Plant
MIDLAND, TX 79710	Location:	None Given

Approval: Raland K Tuttle 7-02-03

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

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0005938-02			<0.010		
Magnesium-mg/L	0005938-02			<0.001		
Potassium-mg/L	0005938-02			<0.050		
Sodium-mg/L	0005938-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0306733-33	87.6		86.7		1.%
Magnesium-mg/L	0306733-33	11.9		11.8		0.8%
Potassium-mg/L	0306733-33	4.43		4.77		7.4%
Sodium-mg/L	0306733-33	84		84.5		0.6%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0005938-05		2	1.93	96.5%	
Magnesium-mg/L	0005938-05		2	2.02	101.%	
Potassium-mg/L	0005938-05		2	1.92	96.%	
Sodium-mg/L	0005938-05		2	2.02	101.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

METALS RCRA 7 Total

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-02			<0.008		
Barium-mg/L	0005982-02			<0.001		
Cadmium-mg/L	0005982-02			<0.001		
Chromium-mg/L	0005982-02			<0.002		
Lead-mg/L	0005982-02			<0.011		
Selenium-mg/L	0005982-02			<0.004		
Silver-mg/L	0005982-02			<0.002		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-03		0.8	0.857	107.1%	
Barium-mg/L	0005982-03		0.2	0.216	108.%	
Cadmium-mg/L	0005982-03		0.2	0.218	109.%	
Chromium-mg/L	0005982-03		0.2	0.221	110.5%	
Lead-mg/L	0005982-03		1.1	1.20	109.1%	
Selenium-mg/L	0005982-03		0.4	0.400	100.%	
Silver-mg/L	0005982-03		0.2	0.188	94.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-04		0.8	0.861	107.6%	0.5%
Barium-mg/L	0005982-04		0.2	0.215	107.5%	0.5%
Cadmium-mg/L	0005982-04		0.2	0.218	109.%	0.%
Chromium-mg/L	0005982-04		0.2	0.218	109.%	1.4%
Lead-mg/L	0005982-04		1.1	1.20	109.1%	0.%
Selenium-mg/L	0005982-04		0.4	0.402	100.5%	0.5%
Silver-mg/L	0005982-04		0.2	0.190	95.%	1.1%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-05		1	1.03	103.%	
Barium-mg/L	0005982-05		1	1.04	104.%	
Cadmium-mg/L	0005982-05		1	1.03	103.%	
Chromium-mg/L	0005982-05		1	1.02	102.%	
Lead-mg/L	0005982-05		1	1.00	100.%	
Selenium-mg/L	0005982-05		1	0.998	99.8%	
Silver-mg/L	0005982-05		0.5	0.473	94.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0005960-01			*< 0.00050*		
Total Dissolved Solids (TDS)-mg/L	0005932-01			<5.00		
CONTROL WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-02		0.001	0.00104	104.%	
CONTROL DUP WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-03		0.001	0.00104	104.%	0.%
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Total Dissolved Solids (TDS)-mg/L	0306728-01	*1000*		*1040*		3.9%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-04		0.001	0.00103	103.%	

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RAY JONES		Order#:	G0306747
LARSON AND ASSOCIATES, INC.		Project:	2-0103
P.O. BOX 50685		Project Name:	Dynegy Middle Plant
MIDLAND, TX 79710		Location:	None Given

Lab ID: 0306747-01
Sample ID: MW-4

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	492	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	638	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	905	mg/L	12.5	6.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2920	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-02
Sample ID: MW-2

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	200	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	691	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	929	mg/L	12.5	6.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3270	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-03
Sample ID: MW-3

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	502	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	1540	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	85.0	mg/L	2	1.0	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	3780	mg/L	1	5.0	160.1	6/21/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-04
Sample ID: MW-13

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	170	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	8680	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	1230	mg/L	25	12.5	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	20900	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-05
Sample ID: MW-12

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	168	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	1510	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	485	mg/L	10	5.0	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2550	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-06
Sample ID: MW-14

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	268	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	25000	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	750	mg/L	12.5	6.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	44700	mg/L	1	5.0	160.1	6/21/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306747
Project: 2-0103
Project Name: Dynegy Middle Plant
Location: None Given

Lab ID: 0306747-07
Sample ID: MW-15

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	364	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	1600	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	612	mg/L	12.5	6.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2310	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-08
Sample ID: MW-11

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	168	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	44.3	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	87.8	mg/L	2.5	1.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	324	mg/L	1	5.0	160.1	6/21/03	SB

Lab ID: 0306747-09
Sample ID: DUP

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	532	mg/L	1	2.00	310.1	6/18/03	SB
Carbonate Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
Chloride	1370	mg/L	1	5.00	9253	6/18/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	1	0.20	310.1	6/18/03	SB
SULFATE, 375.4	76.8	mg/L	2.5	1.25	375.4	6/18/03	CK

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	2460	mg/L	1	5.0	160.1	6/21/03	SB

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RAY JONES	Order#:	G0306747
LARSON AND ASSOCIATES, INC.	Project:	2-0103
P.O. BOX 50685	Project Name:	Dynegy Middle Plant
MIDLAND, TX 79710	Location:	None Given

Approval: Raland K Tuttle 6-25-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0005931-02			<0.001		
Toluene-mg/L	0005931-02			<0.001		
Ethylbenzene-mg/L	0005931-02			<0.001		
p/m-Xylene-mg/L	0005931-02			<0.001		
o-Xylene-mg/L	0005931-02			<0.001		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0306742-03	0	0.1	0.107	107.%	
Toluene-mg/L	0306742-03	0	0.1	0.109	109.%	
Ethylbenzene-mg/L	0306742-03	0	0.1	0.111	111.%	
p/m-Xylene-mg/L	0306742-03	0	0.2	0.165	82.5%	
o-Xylene-mg/L	0306742-03	0	0.1	0.112	112.%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0306742-03	0	0.1	0.102	102.%	4.8%
Toluene-mg/L	0306742-03	0	0.1	0.103	103.%	5.7%
Ethylbenzene-mg/L	0306742-03	0	0.1	0.101	101.%	9.4%
p/m-Xylene-mg/L	0306742-03	0	0.2	0.188	94.%	13.%
o-Xylene-mg/L	0306742-03	0	0.1	0.102	102.%	9.3%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0005931-05		0.1	0.102	102.%	
Toluene-mg/L	0005931-05		0.1	0.104	104.%	
Ethylbenzene-mg/L	0005931-05		0.1	0.103	103.%	
p/m-Xylene-mg/L	0005931-05		0.2	0.211	105.5%	
o-Xylene-mg/L	0005931-05		0.1	0.107	107.%	

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QUALITY CONTROL REPORT

Anions

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L	0005877-01			<2.00		
Carbonate Alkalinity-mg/L	0005879-01			< 0.20		
Chloride-mg/L	0005890-01			<5.00		
Hydroxide Alkalinity-mg/L	0005882-01			< 0.20		
SULFATE, 375.4-mg/L	0005876-01			<0.50		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0306747-01	492		490		0.4%
Carbonate Alkalinity-mg/L	0306747-01	0		< 0.20		0.%
Hydroxide Alkalinity-mg/L	0306747-01	0		< 0.20		0.%
SULFATE, 375.4-mg/L	0306747-01	905		1030		12.9%
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306747-01	638	500	1130	98.4%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306747-01	638	500	1130	98.4%	0.%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Bicarbonate Alkalinity-mg/L	0005877-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L	0005879-04		0.05	0.0496	99.2%	
Chloride-mg/L	0005890-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L	0005882-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L	0005876-04		50	47.5	95.%	

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QUALITY CONTROL REPORT

Cations

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L	0005938-02			<0.010		
Magnesium-mg/L	0005938-02			<0.001		
Potassium-mg/L	0005938-02			<0.050		
Sodium-mg/L	0005938-02			<0.010		
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0306733-33	87.6		86.7		1.%
Magnesium-mg/L	0306733-33	11.9		11.8		0.8%
Potassium-mg/L	0306733-33	4.43		4.77		7.4%
Sodium-mg/L	0306733-33	84		84.5		0.6%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Calcium-mg/L	0005938-05		2	1.93	96.5%	
Magnesium-mg/L	0005938-05		2	2.02	101.%	
Potassium-mg/L	0005938-05		2	1.92	96.%	
Sodium-mg/L	0005938-05		2	2.02	101.%	

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QUALITY CONTROL REPORT

METALS RCRA 7 Total

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-02			<0.008		
Barium-mg/L	0005982-02			<0.001		
Cadmium-mg/L	0005982-02			<0.001		
Chromium-mg/L	0005982-02			<0.002		
Lead-mg/L	0005982-02			<0.011		
Selenium-mg/L	0005982-02			<0.004		
Silver-mg/L	0005982-02			<0.002		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-03		0.8	0.857	107.1%	
Barium-mg/L	0005982-03		0.2	0.216	108.%	
Cadmium-mg/L	0005982-03		0.2	0.218	109.%	
Chromium-mg/L	0005982-03		0.2	0.221	110.5%	
Lead-mg/L	0005982-03		1.1	1.20	109.1%	
Selenium-mg/L	0005982-03		0.4	0.400	100.%	
Silver-mg/L	0005982-03		0.2	0.188	94.%	
CONTROL DUP WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-04		0.8	0.861	107.6%	0.5%
Barium-mg/L	0005982-04		0.2	0.215	107.5%	0.5%
Cadmium-mg/L	0005982-04		0.2	0.218	109.%	0.%
Chromium-mg/L	0005982-04		0.2	0.218	109.%	1.4%
Lead-mg/L	0005982-04		1.1	1.20	109.1%	0.%
Selenium-mg/L	0005982-04		0.4	0.402	100.5%	0.5%
Silver-mg/L	0005982-04		0.2	0.190	95.%	1.1%
SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L	0005982-05		1	1.03	103.%	
Barium-mg/L	0005982-05		1	1.04	104.%	
Cadmium-mg/L	0005982-05		1	1.03	103.%	
Chromium-mg/L	0005982-05		1	1.02	102.%	
Lead-mg/L	0005982-05		1	1.00	100.%	
Selenium-mg/L	0005982-05		1	0.998	99.8%	
Silver-mg/L	0005982-05		0.5	0.473	94.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306747

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, Total-mg/L	0005960-01			< 0.00050		
Total Dissolved Solids (TDS)-mg/L	0005932-01			<5.00		
CONTROL WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-02		0.001	0.00104	104.%	
CONTROL DUP WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-03		0.001	0.00104	104.%	0.%
DUPLICATE WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Total Dissolved Solids (TDS)-mg/L	0306728-01	1000		1040		3.9%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Mercury, Total-mg/L	0005960-04		0.001	0.00103	103.%	

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79763
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ray Jones
Company Name: Larson & Associates
Company Address:
City/State/Zip: Midland TX
Telephone No: 687-0901 Fax No:
Sampler Signature:

Project Name: Dyer, Middle West
Project #: 5-0103
Project Loc:
PO #:

LAB # (lab use only): 030674?

FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3 500mL HDPE	HCl (2)40mL glass	NaOH	H2SO4	None 1 HDPE	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: / TOTAL: X — 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	RCI	N.O.R.M.	Total Gamma	TDS			RUSH TAT (Pre-Schedule)	Standard TAT
01 mw-4	6/16/03	15:17	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
02 mw-5	6/16/03	13:43	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
03 mw-3	6/16/03	14:49	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
04 mw-13	6/16/03	14:13	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
05 mw-12	6/16/03	13:13	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
06 mw-14	6/16/03	13:55	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
07 mw-15	6/16/03	16:22	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
08 mw-11	6/16/03	12:38	4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓
09 Dup	6/16/03		4	✓	1	2			1		✓					✓	✓		✓			✓				✓				✓

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 6.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	6/17/03	15:58			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jane McMurrey	6-17-03	15:58

LARSON & ASSOCIATES, INC.
P. O. Box 50685 ◆ Midland, Texas 79710-0685
Ph. (915) 687-0901

Price, Wayne

From: Price, Wayne
Sent: Tuesday, June 18, 2002 4:46 PM
To: 'cwwr@dynegy.com'
Cc: 'mark@laenvironmental.com'
Subject: Dynegy Eunice Middle Plant GW-005

Dear Mr. Wrangham:

The OCD is in receipt of the June 7, 2002 groundwater investigation work plan prepared by Larson & Associates, Inc.. The Plan is hereby approved.

Please be advised that NMOCD approval of this plan does not relieve Dynegy of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Dynegy of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

Larson & Associates, Inc.
Environmental Consultants

June 7, 2002

VIA FACSIMILE: (505) 476-3462

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Preliminary Report of Subsurface Investigation, Dynegy Midstream Services, L.P., Eunice Gas Plant (GW-005), UL B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:
Dynegy Midstream Services, L.P. (Dynegy) has retained Larson and Associates, Inc. (LA) to conduct a subsurface investigation at its Eunice Gas Plant (Facility) located in Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. The investigation was performed on April 9, 2002, in accordance with procedures specified by the New Mexico Oil Conservation Division (NMOCD) in a letter dated December 26, 2001. The NMOCD required Dynegy to install three (3) monitoring wells at the Facility. Appendix A presents a copy of the correspondence. Figure 1 presents a location and topographic map.

Monitoring well MW-1 was installed northwest of the Facility. Well MW-2 was installed east of the Facility in an area where water from cooling tower was previously discharged. Well MW-3 was installed near the southeast corner of the Facility. The wells were drilled by Scarborough Drilling, Inc., and Piper Surveying Company surveyed the wells for top-of-casing and ground elevation. Figure 2 presents a Facility drawing, and monitoring well locations. Table 1 presents a summary of drilling and completion details. Appendix B presents the boring logs and well construction diagrams.

Soil samples were collected during drilling at location MW-2, as specified by the NMOCD, and analyzed for total chromium. Soil samples were collected at location MW-1, and analyzed for total chromium. Soil samples were collected at location MW-3, and were screened for petroleum hydrocarbons using the ambient temperature headspace (ATH) method. Two samples were submitted to the laboratory, and analyzed for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), and total petroleum hydrocarbons (TPH). Table 2 present a summary of the BTEX, TPH and chromium analysis of soil samples.

The monitoring wells were developed by pumping with an electric submersible pump until groundwater was visibly clear of fine grained sediment. Samples were collected from the wells on April 23, 2002, and analyzed for constituents specified by the NMOCD on December 26, 2001. On May 14, 2002, additional samples were collected from wells, MW-1 and MW-3 for dissolved metals (MW-1) and BTEX (MW-2) analysis. Table 3 presents a summary of the BTEX and polynuclear aromatic hydrocarbons (PAH) analyses of groundwater samples. Table 4 presents a summary of the dissolved metals in groundwater. Table 5 presents a summary of the general chemistry analyses of groundwater samples. Appendix C presents the laboratory reports.

Groundwater

Groundwater was measured in the monitoring wells on April 23, 2002, and ranged from about 24.36 feet below ground surface (BGS) at well MW-3, to 49.60 feet BGS at well MW-1. The groundwater elevation ranged from 3371.57 feet above mean sea level (AMSL) at MW-3 to 3366.79 feet AMSL at MW-2. Groundwater flow was generally to the north-northeast at approximately 0.012 feet per foot. Figure 3 presents a groundwater potentiometric surface map for April 23, 2002.

Additional Investigations

Dynegy will install eight (8) additional monitoring wells to determine the extent of dissolved chromium, BTEX and chloride reported in groundwater from wells MW-1 and MW-3. Four (4) wells will be installed north of the Facility, along the north fence. One well will be installed west of the Facility, along the west fence. Three (3) wells will be installed upgradient (south) of the Facility. Figure 4 presents a drawing showing the approximate positions of the proposed wells. The wells will be installed according to procedures specified by the NMOCD in correspondence dated December 26, 2002. The wells will be developed, and groundwater samples will be collected for BTEX, WQCC metals, anion, cation and total dissolved solids analysis. A final report will be issued to the NMOCD that presents the results of the investigation, including summary tables for soil and groundwater analyses, a groundwater potentiometric map, and isopleth maps showing concentrations of major constituents reported in groundwater. The NMOCD will be notified at least 48 hours before the field work begins.

Please call Mr. Cal Wrangham at (915) 688-0542 or myself at (915) 687-0901 if you have questions. I may also be contact by e mail at mark@LAenvironmental.com.

Sincerely,

Larson and Associates, Inc.

Mark J. Larson, CPG, CGWP
President

Encl.

cc: Cal Wrangham
Chris Williams

Tables

Table 1: **Summary of Monitoring Well Drilling and Completion Details**
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Well Number	Date Drilled	Ground Elevation (Feet AMSL)	Top of Casing Elevation (Feet AMSL)	Drilled Depth (Feet BGS)	Well Depth (Feet TOC)	Well Diameter (Inches)	Screen Interval (Feet BGS)	Depth to Groundwater 4-23-02 (Feet TOC)
MW-1	4/9/2002	3416.39	3418.44	60.0	60.3	2	40.17 - 59.79	51.61
MW-2	4/9/2002	3392.80	3394.94	40.0	39.3	2	19.17 - 38.79	28.15
MW-3	4/9/2002	3395.97	3398.46	40.0	39.6	2	19.47 - 39.09	26.89

Notes: Wells MW-1 through MW-3 installed by Scarborough Drilling, Inc., Lamesa, Texas
1. BGS: Depth in feet below ground surface
2. AMSL: Elevation in feet above mean sea level
3. TOC: Depth in feet below top-of-casing

Table 2: **Summary of BTEX, TPH and Chromium Analysis of Soil Samples**
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Monitoring Well	Sample Date	Sample Depth (feet BGS)	Benzene ug/kg	Total BTEX ug/kg	DRO (>C12-C35) mg/kg	GRO (C6-C12) mg/kg	TPH (C6-C35) mg/kg	Chromium mg/kg
MW-1	4/8/2002	0-1.6	---	---	---	---	---	9.09
MW-1	4/8/2002	10	---	---	---	---	---	6.06
MW-1	4/8/2002	20	---	---	---	---	---	4.15
MW-1	4/8/2002	30	---	---	---	---	---	4.40
MW-2	4/9/2002	0-0.1	---	---	---	---	---	7.03
MW-2	4/9/2002	5	---	---	---	---	---	4.68
MW-2	4/9/2002	10	---	---	---	---	---	5.04
MW-2	4/9/2002	15	---	---	---	---	---	4.71
MW-2	4/9/2002	20	---	---	---	---	---	3.84
MW-3	4/9/2002	10	128.0	10,601.0	319.0	26.5	346.0	---
MW-3	4/9/2002	34	<25.0	<386.3	226.0	564.0	790.0	---

Notes:
1. BGS: Depth in feet below ground surface
2. mg/kg: Concentration in milligrams per kilogram
3. ug/kg: Concentration in micrograms per kilogram
4. <: Concentration below test method detection limit
5. ---: No data available

Analyses performed by Environmental Lab of Texas I, LTD., Midland, Texas

Table 3: Summary of BTEX and PAH Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	MW-1	<0.001	
Toluene	4/23/2002	MW-1	<0.001	
Ethylbenzene	4/23/2002	MW-1	<0.001	
M,P,O-Xylene	4/23/2002	MW-1	<0.001	
Total BTEX	**4/23/2002**	**MW-1**	**<0.001**	
Naphthalene	4/23/2002	MW-1		<0.0002
Acenaphthylene	4/23/2002	MW-1		<0.0002
Acenaphthene	4/23/2002	MW-1		<0.0002
Fluorene	4/23/2002	MW-1		<0.0002
Phenanthrene	4/23/2002	MW-1		<0.0002
Anthracene	4/23/2002	MW-1		<0.0002
Fluoranthene	4/23/2002	MW-1		<0.0002
Pyrene	4/23/2002	MW-1		<0.0002
Benzo(a)anthracene	4/23/2002	MW-1		<0.0002
Chrysene	4/23/2002	MW-1		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-1		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-1		<0.0002
Benzo(a)pyrene	4/23/2002	MW-1		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-1		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-1		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-1		<0.0002
Total PAH	**4/23/2002**	**MW-1**		**<0.0002**

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	MW-2	0.0083	
Toluene	4/23/2002	MW-2	0.0062	
Ethylbenzene	4/23/2002	MW-2	0.0012	
M,P,O-Xylene	4/23/2002	MW-2	0.0053	
Total BTEX	**4/23/2002**	**MW-2**	**0.021**	
Naphthalene	4/23/2002	MW-2		<0.0002
Acenaphthylene	4/23/2002	MW-2		<0.0002
Acenaphthene	4/23/2002	MW-2		<0.0002
Fluorene	4/23/2002	MW-2		<0.0002
Phenanthrene	4/23/2002	MW-2		<0.0002
Anthracene	4/23/2002	MW-2		<0.0002
Fluoranthene	4/23/2002	MW-2		<0.0002
Pyrene	4/23/2002	MW-2		<0.0002
Benzo(a)anthracene	4/23/2002	MW-2		<0.0002
Chrysene	4/23/2002	MW-2		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-2		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-2		<0.0002
Benzo(a)pyrene	4/23/2002	MW-2		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-2		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-2		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-2		<0.0002
Total PAH	**4/23/2002**	**MW-2**		**<0.0002**

Notes: Analyses performed by TraceAnalysis, Inc., Lubbock, Texas

1. ppm: Concentration in parts per million
2. mg/L: Concentration in milligrams per liter
3. ug/L: Concentration in micrograms per liter
4. <-: Concentration less than test method detection limit
5. --: No data available

Table 3: Summary of BTEX and PAH Analyses of Groundwater Samples
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Toluene	4/23/2002	MW-3	0.0054	
Ethylbenzene	4/23/2002	MW-3	0.0396	
M,P,O-Xylene	4/23/2002	MW-3	0.101	
Total BTEX	**4/23/2002**	**MW-3**	**0.339**	
Benzene	5/14/02	MW-3	0.379	
Toluene	5/14/02	MW-3	<0.005	
Ethylbenzene	5/14/02	MW-3	0.108	
M,P,O-Xylene	5/14/02	MW-3	0.184	
Total BTEX	**5/14/02**	**MW-3**	**0.671**	
Naphthalene	4/23/2002	MW-3		<0.0002
Acenaphthylene	4/23/2002	MW-3		<0.0002
Acenaphthene	4/23/2002	MW-3		<0.0002
Fluorene	4/23/2002	MW-3		<0.0002
Phenanthrene	4/23/2002	MW-3		<0.0002
Anthracene	4/23/2002	MW-3		<0.0002
Fluoranthene	4/23/2002	MW-3		<0.0002
Pyrene	4/23/2002	MW-3		<0.0002
Benzo(a)anthracene	4/23/2002	MW-3		<0.0002
Chrysene	4/23/2002	MW-3		<0.0002
Benzo(b)fluoranthene	4/23/2002	MW-3		<0.0002
Benzo(k)fluoranthene	4/23/2002	MW-3		<0.0002
Benzo(a)pyrene	4/23/2002	MW-3		<0.0002
Indene(1,2,3-cd)pyrene	4/23/2002	MW-3		<0.0002
Dibenzo(a,b)anthracene	4/23/2002	MW-3		<0.0002
Benzo(g,h,i)perylene	4/23/2002	MW-3		<0.0002
Total PAH	**4/23/2002**	**MW-3**		**<0.0002**

Constituent	Sample Date	Well Number	Concentration ppm	Concentration mg/L
Benzene	4/23/2002	Duplicate	0.226	—
Toluene	4/23/2002	Duplicate	<0.005	—
Ethylbenzene	4/23/2002	Duplicate	0.0491	—
M,P,O-Xylene	4/23/2002	Duplicate	0.113	—
Total BTEX	**4/23/2002**	**Duplicate**	**0.388**	—

Notes: Aanalyses performed by TraceAnalysis, Inc., Lubbock, Texas
Duplicate sample analyzed on MW-3

1. ppm: Concentration in parts per million
2. mg/L: Concentration in milligrams per liter
3. ug/L: Concentration in micrograms per liter
4. <: Concentration below test method detection limit
5. –: No data available

Table 4: **Summary of Dissolved Metals Analyses of Groundwater Samples**
Dynegy Midstream Services, L. P., Eunice Gas Plant
Lea County, New Mexico

Monitor Well	Sample Date	Arsenic mg/L	Barium mg/L	Cadmium mg/L	Chromium mg/L	Cyanide mg/L	Fluoride mg/L	Lead mg/L	Mercury mg/L	Nitrate mg/L	Selenium mg/L	Silver mg/L
Standard (WQCC)		**0.1**	**1**	**0.01**	**0.05**	**0.2**	**1.6**	**0.05**	**0.002**	**10**	**0.05**	**0.05**
MW-1	4/23/2002	<0.050	<0.100	<0.005	0.316	<0.01	2.24	<0.010	0.00092	11.3	<0.050	<0.0125
	5/14/02	<0.050	<0.100	<0.005	0.282	--	--	<0.010	<0.0002	--	<0.050	<0.0125
MW-2	4/23/2002	<0.050	<0.100	<0.005	<0.010	<0.01	3.99	<0.010	<0.0002	24.1	<0.050	<0.0125
MW-3	4/23/2002	<0.050	0.528	<0.005	<0.010	<0.01	3.00	<0.010	<0.0002	1.39	<0.050	<0.0125

Notes:
1. WQCC: New Mexico Water Quality Control Commission Standard
2. mg/L: Concentration in milligrams per liter
3. <: Concentration below test method detection limit
4. --: No data available

Aanalyses performed byTraceAnalysis, Inc., Lubbock, Texas

Table 5: **Summary of Inorganic Analyses of Groundwater Samples from Monitoring Wells**
Dynegy Midstream Services, L. P., Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Monitor Well	Sample Date	Alkalinity mg/L	Chloride mg/L	Sulfate mg/L	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L	TDS mg/L	pH s.u.
Standard (WQCC)		--	**250**	**600**	--	--	--	--	**1000**	**6 - 9**
MW-1	4/23/2002	300	724	542	183	68.5	18.30	471	2340	7.4
MW-2	4/23/2002	180	625	1270	340	128.0	20.00	445	3240	7.4
MW-3	4/23/2002	304	2500	245	447	274.0	50.60	729	4880	6.9

Notes: Analyses performed byTraceAnalysis, Inc., Lubbock, Texas
1. WQCC: New Mexico Water Quality Control Commission
2. mg/L: Concentration in milligrams per liter
3. --: No data available

Figures

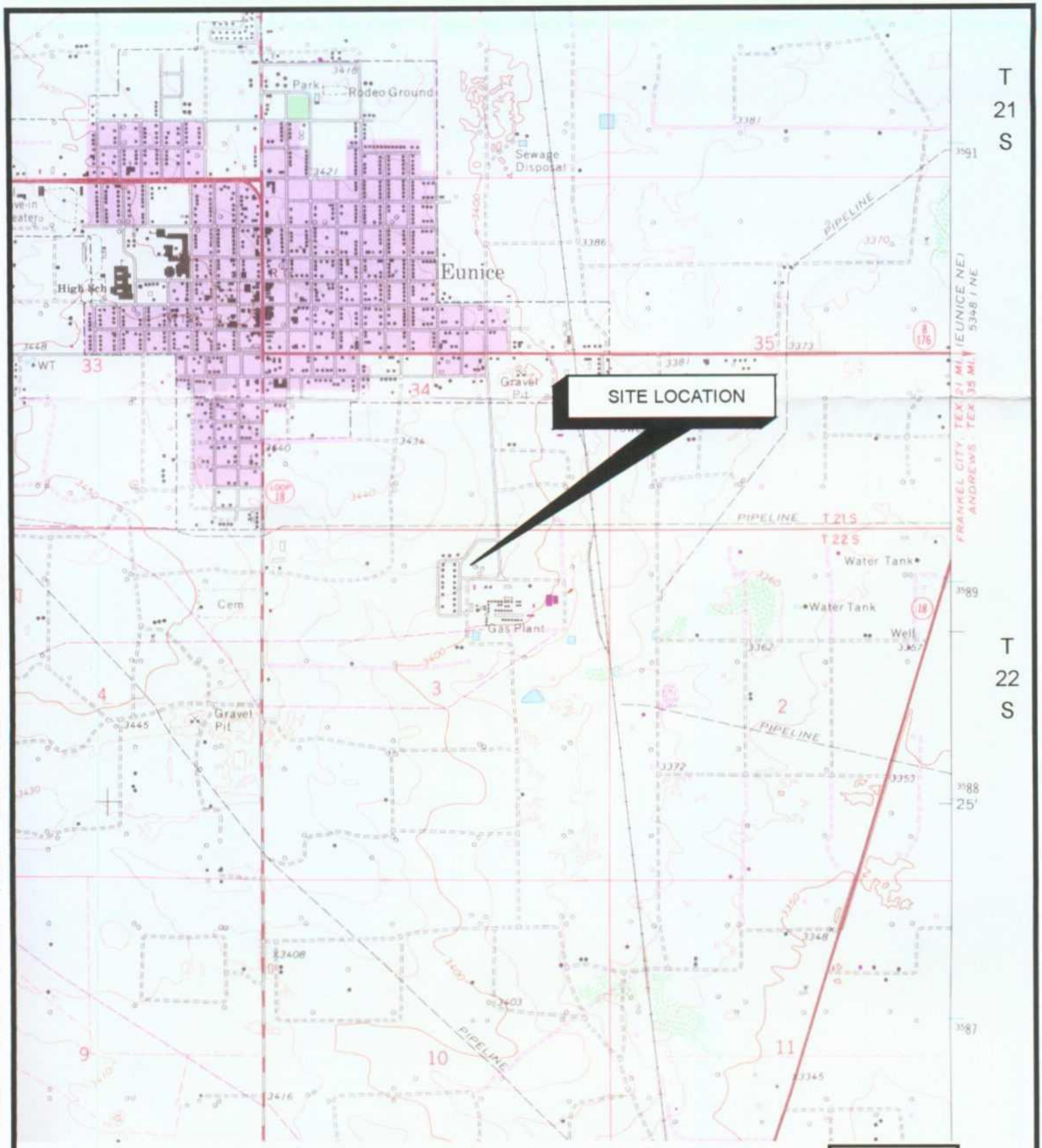


FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.
EUNICE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-3

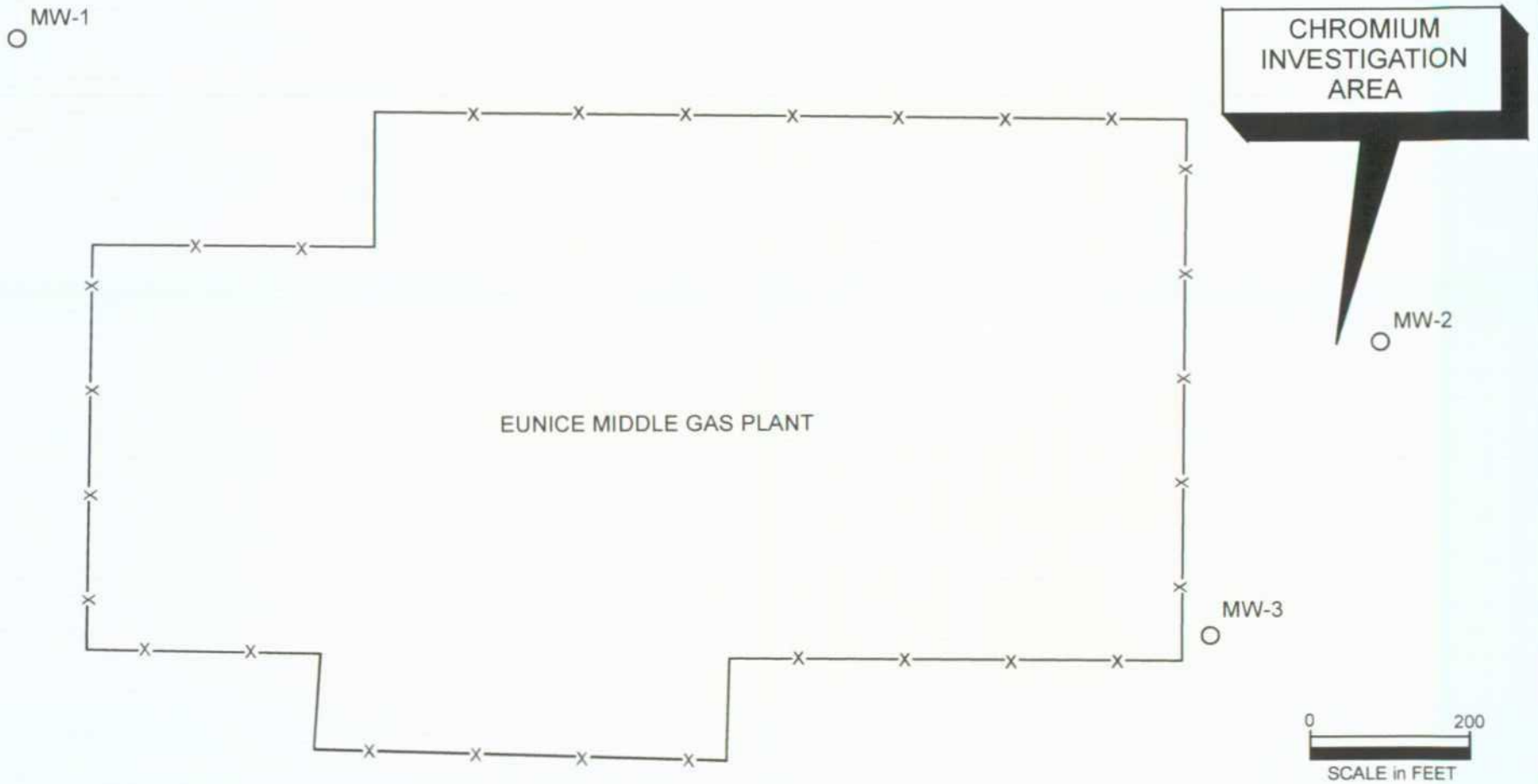
TOPOGRAPHIC MAP

TAKEN FROM U.S.G.S.
EUNICE, NEW MEXICO 1979
7.5' QUADRANGLES

SCALE: 1"=2000'

DATE: 7/25/01
NAME:
FILE: 01-0110

Larson & Associates, Inc.
Environmental Consultants



WELL DATA

MONITORING WELL NUMBER	TOP-OF-CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97

LEGEND

MW-2 ○ MONITOR WELL

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

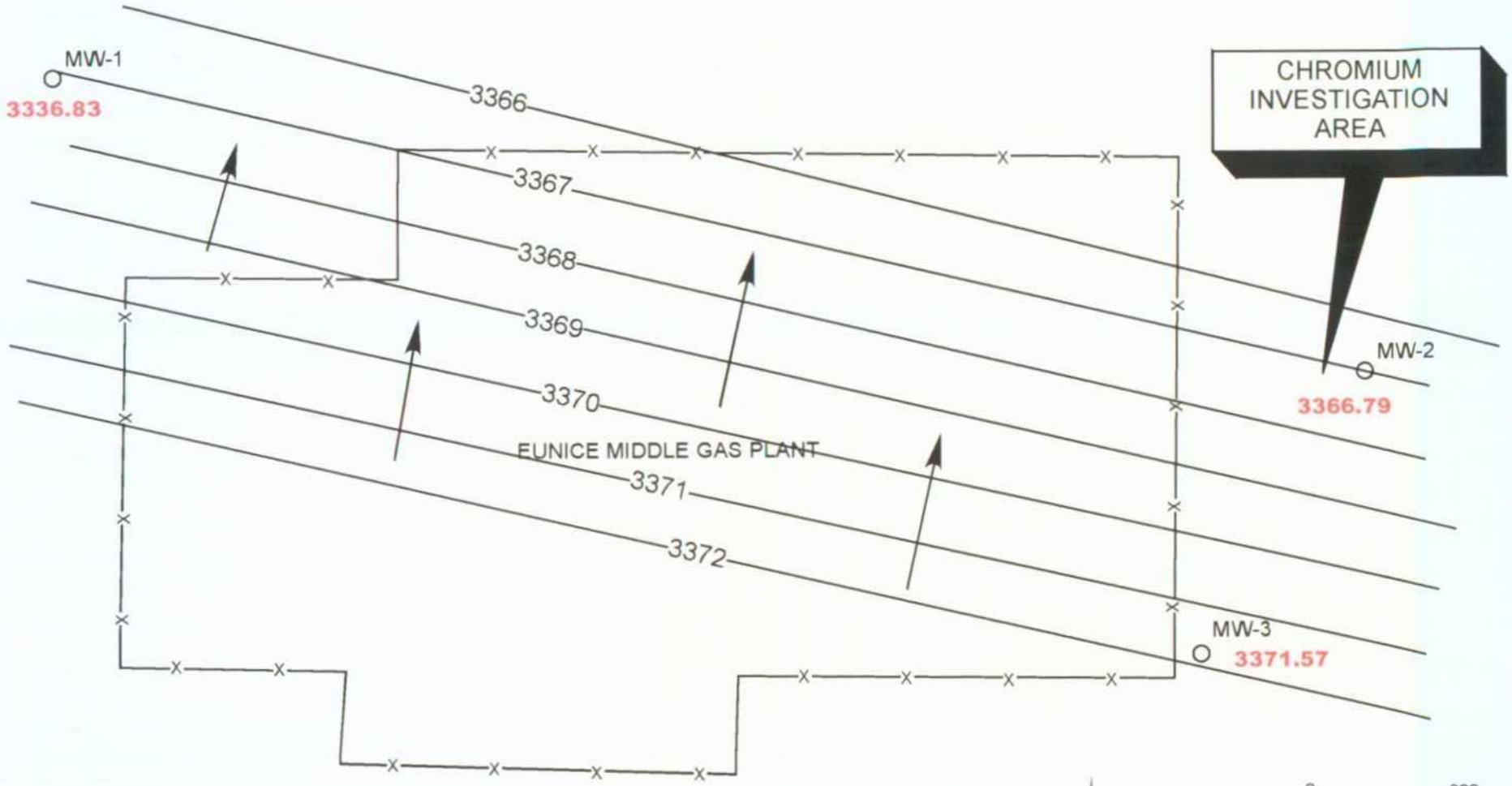
EUNICE MIDDLE GAS PLANT

SITE LOCATION

DATE: 5/11/02

PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants



WELL DATA

MONITORING WELL NUMBER	TOP-OF-CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97

LEGEND

BH-1
3371.57 MONITOR WELL, and GROUNDWATER ELEVATION, FEET AMSL, APRIL 23, 2002

GROUNDWATER FLOW DIRECTION

FIGURE #3

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

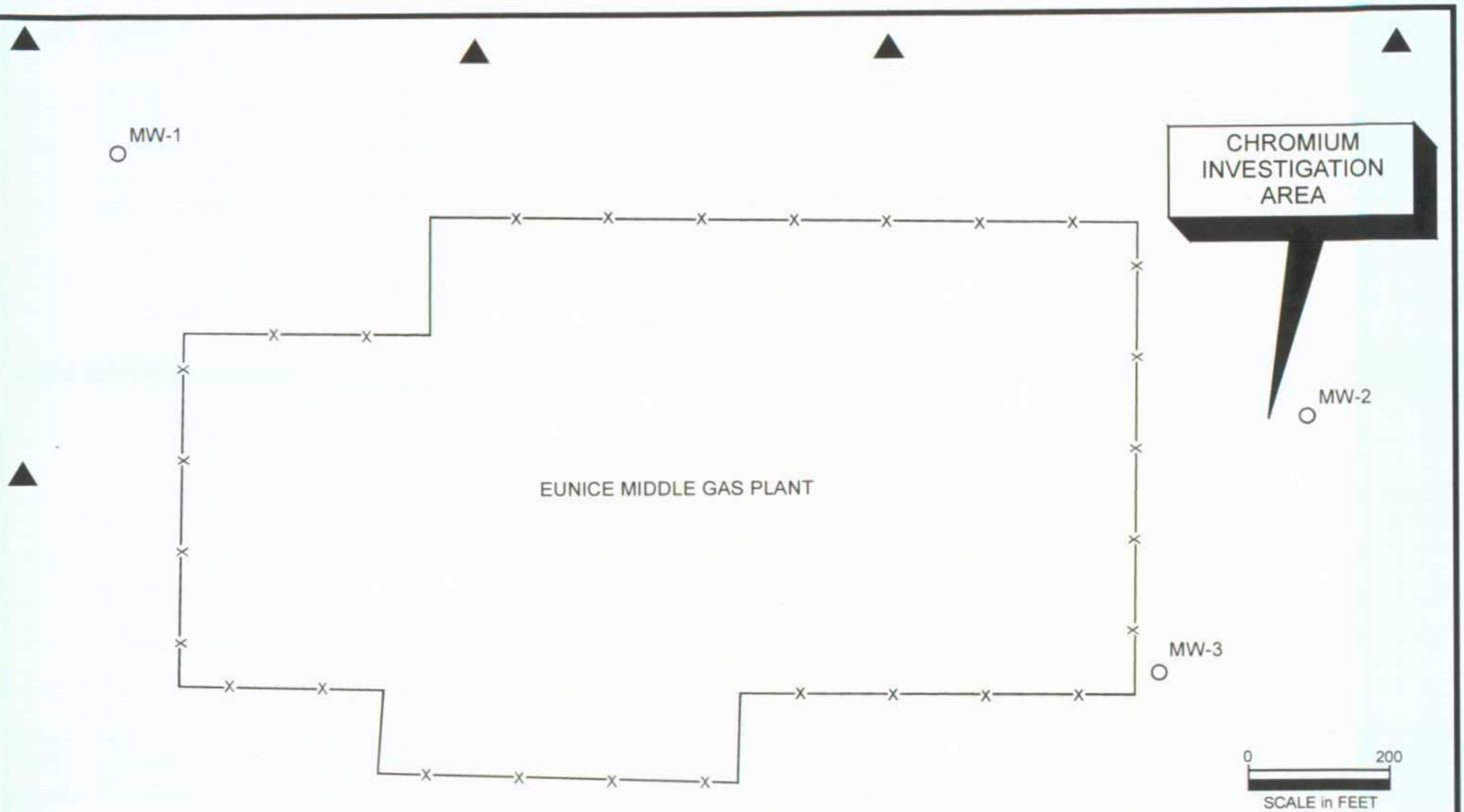
EUNICE MIDDLE GAS PLANT

GROUNDWATER POTENTIOMETRIC SURFACE MAP
APRIL 23, 2002

DATE: 5/11/02

PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants



WELL DATA

MONITORING WELL NUMBER	TOP-OF-CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97

LEGEND

MW-3 ○ MONITOR WELL

▲ PROPOSED WELL LOCATION

FIGURE #4

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE MIDDLE GAS PLANT

SITE DRAWING

DATE: 5/11/02

PROJECT #: 2-0103

Larson & Associates, Inc.
Environmental Consultants

Appendix A

Correspondence

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

December 26, 2001

JAN - 2 2002

CERTIFIED MAIL
RETURN RECEIPT NO. 5357 7287

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

RE: Discharge Plan GW-005
Dynegy Midstream Services, L.P.
Eunice-Middle Gas Plant
Lea County, New Mexico

Dear Mr. Wrangham:

The New Mexico Oil Conservation Division (OCD) is in receipt of the April 26, 2001 "Report of Investigation for Alleged Chromium Impact, Dynegy Midstream Services, L.P., Eunice Middle Gas Plant, NE/4, NE/4, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico." After reviewing the report the OCD hereby requires Dynegy Midstream Services, L.P. to modify the current discharge plan by installing a groundwater and vadose zone monitoring system pursuant to NMAC 20.6.2.3107 and perform the following actions:

1. Install a groundwater monitor well in the area where the plant wastewater was previously discharged. Collect soil samples every five feet during the boring process. Samples collected shall be analyzed for total chrome using EPA method 6010/ICAP.

2. Install groundwater monitor wells, one down gradient, and one up gradient of the plant site.

3. Complete the new monitor well(s) as follows:

   a. At least 15 feet of well screen shall be placed across the water table interface with 5 feet of the well screen above the water table and 10 feet of the well screen below the water table.

b. An appropriately sized gravel pack shall be set in the annulus around the well screen from the bottom of the hole to 2-3 feet above the top of the well screen.

c. A 2-3 foot bentonite plug shall be placed above the gravel pack.

d. The remainder of the hole shall be grouted to the surface with cement containing 3-5% bentonite.

e. A concrete pad shall be placed at the surface around the well. The well shall be installed with a suitable protective locking device.

f. The well(s) shall be developed after construction using EPA approved procedures. No less than 48 hours after the well(s) are developed, ground water from all monitor well(s) shall be purged, sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene, polycyclic aromatic hydrocarbons (PAH), total dissolved solids (TDS) and New Mexico Water Quality Control Commission (WQCC) metals and major cations and anions using EPA approved methods and quality assurance/quality control (QA/QC) procedures.

4. All wastes generated during the investigation shall be disposed of at an OCD approved facility.

5. Submit the results of the investigation to the OCD Santa Fe Office **by April 15, 2002** with a copy provided to the OCD Hobbs District Office and shall include the following investigative information:

a. A description of all investigation, remediation and monitoring activities which have occurred including conclusions and recommendations.

b. A geologic/lithologic log and well completion diagram for each monitor well.

c. A water table potentiometric map showing the location of the leaks and spills, excavated areas, monitor wells, and any other pertinent site features as well as the direction and magnitude of the hydraulic gradient.

d. Isopleth maps for contaminants of concern which were observed during the investigations.

e. Summary tables of all ground water quality sampling results and copies of all laboratory analytical data sheets and associated QA/QC data taken within the past year.

f. The quantity and disposition of all recovered product and/or wastes generated.

6. Notify the OCD Santa Fe office and the OCD District office at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

If you have any questions please do not hesitate to contact me at 505-476-3487 or E-mail WPRICE@state.nm.us.

Sincerely,

Wayne Price- Engineer

cc: OCD Hobbs Office
Mr. Leo V. Sims II

Attachments-

Appendix B

Boring Logs and Well Construction Diagrams

Client: Dynegy Midstream Services, L. P.

Project: Eunice Middle Gas Plant

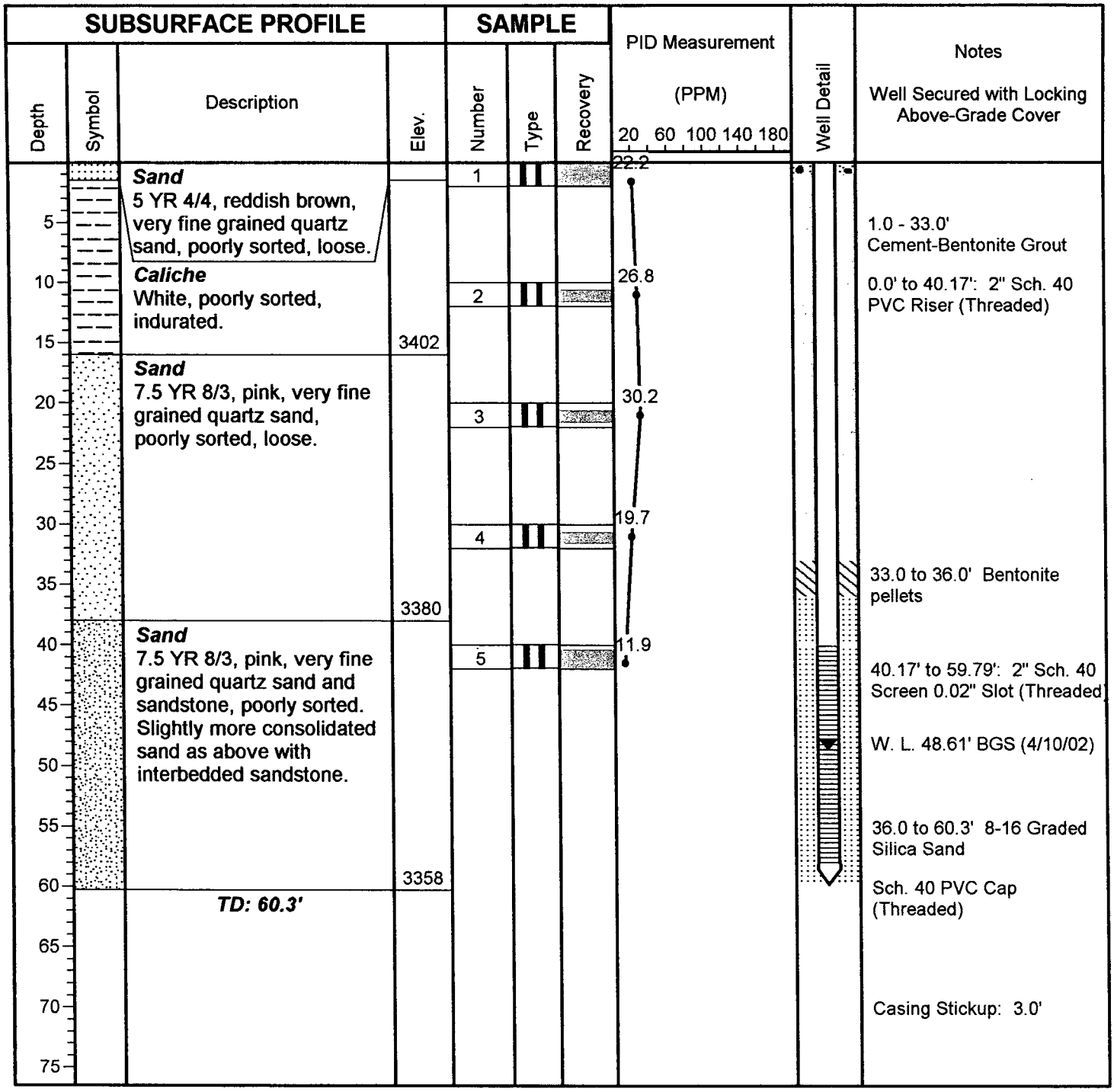
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-1

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Air Rotary

Date Drilled: April 9, 2002

Well Size: 2-inch

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

TOC Elevation: 3418.44

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L. P.

Project: Eunice Middle Gas Plant

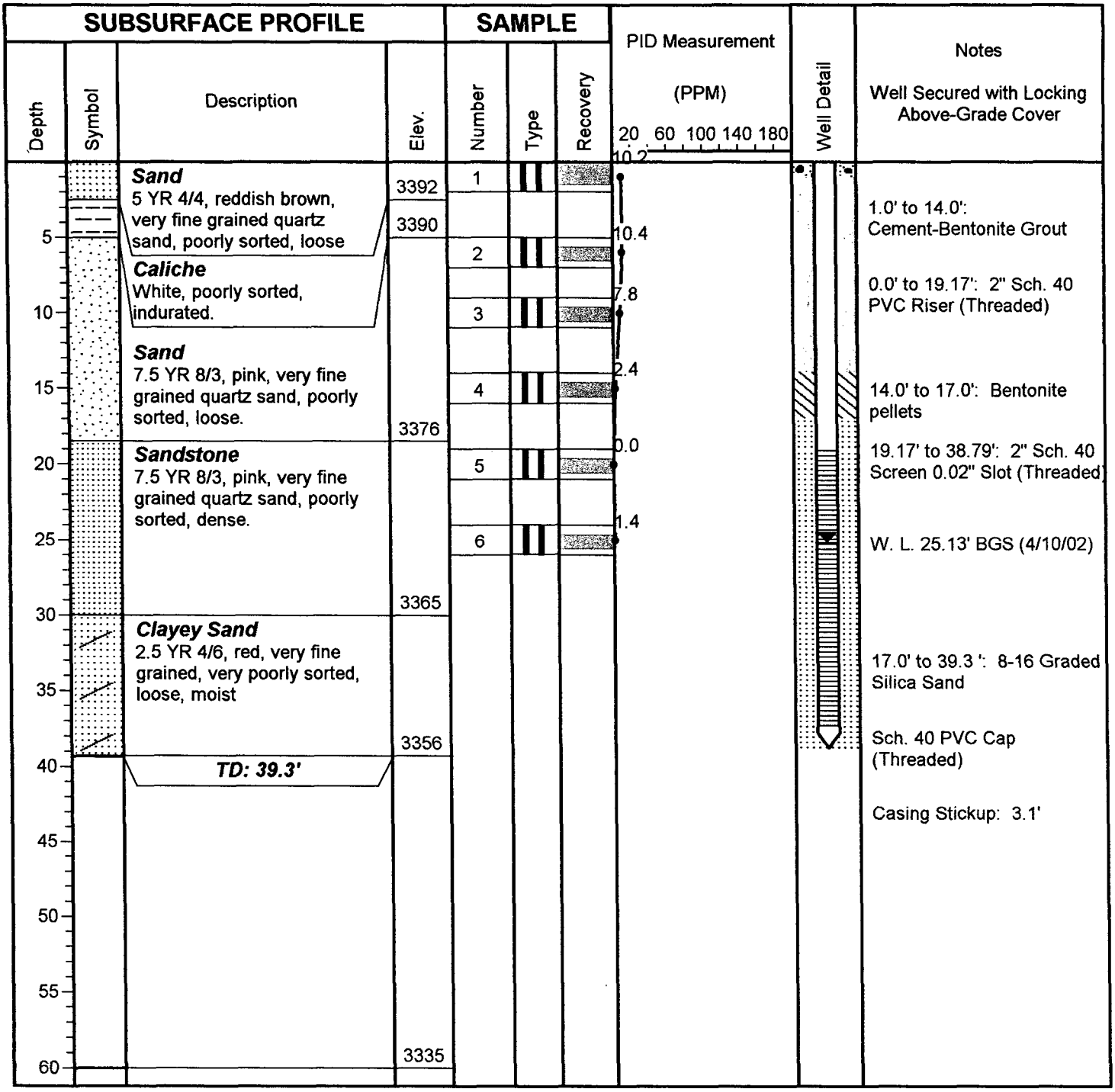
Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-2

Geologist: Cindy K. Crain

Page: 1 of 1



Drilling Method: Air Rotary

Date Drilled: April 9, 2002

Well Size: 2-inch

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

TOC Elevation: 3394.94

Checked by: CKC

Drilled by: Scarborough Drilling

Client: Dynegy Midstream Services, L. P.

Project: Eunice Middle Gas Plant

Project No: 2-0103

Location: Eunice, New Mexico

Log: MW-3

Geologist: Cindy K. Crain

Page: 1 of 1

SUBSURFACE PROFILE

Depth	Symbol	Description	Elev.
		Sand 5 YR 3/3, dark reddish brown, very fine grained, poorly sorted, loose, hydrocarbon odor.	3395
5			
		Caliche White, poorly sorted, indurated, hydrocarbon odor.	3389
10			
		Sand 7.5 YR 8/3, pink, very fine grained quartz sand, poorly sorted, loose, hydrocarbon odor and staining.	
15			
20			3376
		Sandstone 7.5 YR 8/3, pink, very fine grained, poorly sorted, dense, slight hydrocarbon odor.	
25			
30			3365
		Clayey Sand 2.5 YR 4/6, red, very fine grained, very poorly sorted, loose, moist.	
35			
			3359
40		***TD: 39.6'***	
45			
50			
55			
			3338
60			

SAMPLE

Number	Type	Recovery
1		
2		
3		
4		
5		

PID Measurement (PPM)

20 60 100 140 180

95.0

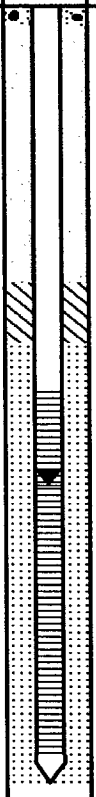
166.3

138.3

102.4

126.5

Well Detail



Notes

Well Secured with Locking Above-Grade Cover

1.0' to 14.0': Cement-Bentonite Grout

0.0' to 19.47': 2" Sch. 40 PVC Riser (Threaded)

14.0' to 17.0': Bentonite pellets

19.47' to 39.09': 2" Sch 40 Screen 0.02" Slot (Threaded)

W. L. 24.1' BGS (4/10/02)

17.0' to 39.6': 8-16 Graded Silica Sand

Sch. 40 PVC Cap (Threaded)

Casing Stickup: 3.0'

Drilling Method: Air Rotary

Date Drilled: April 9, 2002

Well Size: 2-inch

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

TOC Elevation: 3398.46

Checked by: CKC

Drilled by: Scarborough Drilling

Appendix C

Laboratory Reports

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy Eunice Gas Plant
Order#:	G0203046
Report Date:	04/13/2002

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#: G0203046
Project: 2-0103
Project Name: Dynegy Eunice Gas Plant
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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203046-01	MW-3 Sample 2 (10')	SOIL	4/9/02 14:50	4/10/02 13:55	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 10.5 C		
	8015M					
	8021B/5030 BTEX					
0203046-02	MW-3 Sample 5 (34')	SOIL	4/9/02 15:20	4/10/02 13:55	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 10.5 C		
	8015M					
	8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203046
Project: 2-0103
Project Name: Dynegy Eunice Gas Plant
Location: Eunice, NM

Lab ID: 0203046-01
Sample ID: MW-3 Sample 2 (10')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/11/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
DRO, >C12-C35	**319**	10.0
GRO, C6-C12	**26.5**	10.0
TOTAL, C6-C35	**346**	10.0

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0001183-02		4/10/02 20:29	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	**128**	25.0
Ethylbenzene	**4700**	25.0
Toluene	**685**	25.0
p/m-Xylene	**4650**	25.0
o-Xylene	**438**	25.0

Lab ID: 0203046-02
Sample ID: MW-3 Sample 5 (34')

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/11/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
DRO, >C12-C35	**226**	10.0
GRO, C6-C12	**564**	10.0
TOTAL, C6-C35	**790**	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#: G0203046
Project: 2-0103
Project Name: Dynegy Eunice Gas Plant
Location: Eunice, NM

Lab ID: 0203046-02
Sample ID: MW-3 Sample 5 (34')

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0001183-02		4/10/02 14:55	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	<25.0	25.0
Ethylbenzene	85.3	25.0
Toluene	62.0	25.0
p/m-Xylene	189	25.0
o-Xylene	<25.0	25.0

Approval: Raland K Tuttle 4-15-02
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0203046

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0001182-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0001182-03		1000	780	78.%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0001182-04		1000	790	79.%	1.3%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0001182-05		1000	940	94.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0203046

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg	0001183-02			<25.0		
Ethylbenzene-µg/kg	0001183-02			<25.0		
Toluene-µg/kg	0001183-02			<25.0		
p/m-Xylene-µg/kg	0001183-02			<25.0		
o-Xylene-µg/kg	0001183-02			<25.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-µg/kg	0001183-03		100	113	113.%	
Ethylbenzene-µg/kg	0001183-03		100	102	102.%	
Toluene-µg/kg	0001183-03		100	100	100.%	
p/m-Xylene-µg/kg	0001183-03		200	220	110.%	
o-Xylene-µg/kg	0001183-03		100	102	102.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-µg/kg	0001183-04		100	111	111.%	1.8%
Ethylbenzene-µg/kg	0001183-04		100	96	96.%	6.1%
Toluene-µg/kg	0001183-04		100	110	110.%	9.5%
p/m-Xylene-µg/kg	0001183-04		200	200	100.%	9.5%
o-Xylene-µg/kg	0001183-04		100	101	101.%	1.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-µg/kg	0001183-05		100	115	115.%	
Ethylbenzene-µg/kg	0001183-05		100	109	109.%	
Toluene-µg/kg	0001183-05		100	114	114.%	
p/m-Xylene-µg/kg	0001183-05		200	230	115.%	
o-Xylene-µg/kg	0001183-05		100	107	107.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Cindy Crain
Company Name: Larson and Associates, Inc.
Company Address: 507 N. Marienfeld, Suite 202
City/State/Zip: Midland, TX 79701
Telephone No: (915) 687-0901 Fax No: (915) 687-0456
Sampler Signature: Cindy Crain

Project Name: Dynagy Eunice Gas Plant
Project #: 2-0103
Project Loc: Eunice, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT	
020304-01	MW-3 Sample 2 (10')	4-9-02	1450	1	X					X				X					X				X			
02	MW-3 Sample 5 (34')	4-9-02	1520	1	X					X				X					X				X			
03	MW-3 Sample 1 (2')	4-9-02	1430	1	X					X				X												HOLD
04	MW-3 Sample 3 (20')	4-9-02	1455	1	X					X				X												HOLD
05	MW-3 Sample 4 (30')	4-9-02	1510	1	X					X				X												HOLD

Special Instructions: Hold samples 1, 3, and 4 for possible future analyses

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	4-10-02	1:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurry	4-10-2	1355

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 10.5°C
Laboratory Comments:

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy-Eunice Plant

Order#: G0203033

Report Date: 04/18/2002

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#: G0203033
Project: 2-0103
Project Name: Dynegy-Eunice Plant
Location: Lea County, 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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203033-01	MW-1, 0-1.6'	SOIL	4/8/02 9:25	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-02	MW-1, 10'	SOIL	4/8/02 9:35	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-03	MW-1, 20'	SOIL	4/8/02 9:45	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-04	MW-1, 30'	SOIL	4/8/02 9:50	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** -1 C		
	Chromium					
	Metals Digestion - Total					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203033
Project: 2-0103
Project Name: Dynegy-Eunice Plant
Location: Lea County, NM

Lab ID: 0203033-01
Sample ID: MW-1, 0-1.6'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	9.09	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-02
Sample ID: MW-1, 10'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	6.06	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-03
Sample ID: MW-1, 20'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.15	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-04
Sample ID: MW-1, 30'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.40	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Approval: Raland K Tuttle 4-23-02
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.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203033

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-01			< 0.10		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-02		50	46.2	92.4%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-03		50	46.5	93.%	0.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-04		1	1.04	104.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Mark Larson
Company Name: Larson and Associates, Inc.
Company Address: 507 N. Marienfeld Ste 202
City/State/Zip: Midland, Tx 79701
Telephone No: (915) 687-0901 Fax No: (915) 687-0456
Sampler Signature:

Project Name: Dynegy - Eunice Plant
Project #: 2-0103
Project Loc: Lea County, NM
PO #:

Analyze For: (TCLP: / TOTAL: ✓)

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Hold	RUSH TAT (Pre-Schedule)	Standard TAT
0203053-01	MW-1, 0-1.6'	4/8/02	0925	1	✓								✓						✓	✓						
02	" 10'	"	0935	1	✓								✓						✓	✓						
03	" 20'	"	0945	1	✓								✓						✓	✓						
04	" 30'	"	0950	1	✓								✓						✓	✓						
05	" 42'	"	1010	1	✓								✓										✓			

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -1°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	4/9/02	805			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Tracy Brown	4/9/02	08:05

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy- Eunice Plant
Order#:	G0203040
Report Date:	04/18/2002

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#: G0203040
Project: 2-0103
Project Name: Dynegy- Eunice Plant
Location: Lea County, 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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203040-01	MW-2, 0-0.1'	SOIL	4/9/02 10:17	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 0C		
	Chromium					
	Metals Digestion - Total					
0203040-02	MW-2, 5'	SOIL	4/9/02 10:22	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 0C		
	Chromium					
	Metals Digestion - Total					
0203040-03	MW-2, 10'	SOIL	4/9/02 10:25	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 0C		
	Chromium					
	Metals Digestion - Total					
0203040-04	MW-2, 15'	SOIL	4/9/02 10:29	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 0C		
	Chromium					
	Metals Digestion - Total					
0203040-05	MW-2, 20'	SOIL	4/9/02 10:39	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	**Rejected:** No		**Temp:** 0C		
	Chromium					
	Metals Digestion - Total					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203040
Project: 2-0103
Project Name: Dynegy- Eunice Plant
Location: Lea County, NM

Lab ID: 0203040-01
Sample ID: MW-2, 0-0.1'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	7.03	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-02
Sample ID: MW-2, 5'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.68	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-03
Sample ID: MW-2, 10'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	5.04	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-04
Sample ID: MW-2, 15'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.71	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-05
Sample ID: MW-2, 20'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	3.84	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Approval: Raland K Tuttle 4-23-02
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.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203040

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-01			< 0.10		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-02		50	46.2	92.4%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-03		50	46.5	93.%	0.6%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-04		1	1.04	104.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

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, Texas 79701

Telephone No: 915.687.0901

Fax No: 915.687.0456

Sampler Signature: Cindy Crain

Project Name: Dynegy - Eunice Plant

Project #: 2-0103

Project Loc: Lea County, NM

PO #:

Analyze For: TCLP: / TOTAL: ✓

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)	TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd (Cr) Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Hold	RUSH TAT (Pre-Schedule)	Standard TAT
3040-01	MW-2, 0-0.1' m	4/9/02 (3 overwritten to 4)	1011	1	✓									✓						✓						
02	" 5'	"	1022	1	✓									✓						✓						
03	" 10'	"	1025	1	✓									✓						✓						
04	" 15'	"	1029	1	✓									✓						✓						
05	" 20'	"	1039	1	✓									✓						✓						
06	" 25'	"	1125	1	✓									✓									✓			

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	4/9/02	1500			
Relinquished by:	Date	Time	Received by ELOT: [signature]	4-10-02	0840

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

ANALYTICAL REPORT

Prepared for:

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

Project: Dynegy-Eunice Plant

Order#: G0203033

Report Date: 04/18/2002

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#: G0203033
Project: 2-0103
Project Name: Dynegy-Eunice Plant
Location: Lea County, 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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203033-01	MW-1, 0-1.6'	SOIL	4/8/02 9:25	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-02	MW-1, 10'	SOIL	4/8/02 9:35	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-03	MW-1, 20'	SOIL	4/8/02 9:45	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: -1 C		
	Chromium					
	Metals Digestion - Total					
0203033-04	MW-1, 30'	SOIL	4/8/02 9:50	4/9/02 8:05	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: -1 C		
	Chromium					
	Metals Digestion - Total					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203033
Project: 2-0103
Project Name: Dynegy-Eunice Plant
Location: Lea County, NM

Lab ID: 0203033-01
Sample ID: MW-1, 0-1.6'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	9.09	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-02
Sample ID: MW-1, 10'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	6.06	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-03
Sample ID: MW-1, 20'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.15	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203033-04
Sample ID: MW-1, 30'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.40	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Approval: Raland K. Tuttle 4-23-02
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.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203033

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-01			< 0.10		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-02		50	46.2	92.4%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-03		50	46.5	93.%	0.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-04		1	1.04	104.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Mark Larson
Company Name: Larson and Associates, Inc
Company Address: 507 N Marienfeld Ste 202
City/State/Zip: Midland, Tx 79701
Telephone No: (915) 687-0901 Fax No: (915) 687-0456
Sampler Signature:

Project Name: Dynegy - Eunice Plant
Project #: 2-0103
Project Loc: Lea County, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP:	TOTAL ✓	TDS / TCLP / SAR / EC	TPH 418.1	TPH TX 1005/1003	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Hold	RUSH TAT (Pre-Scheduled)	Standard TAT
020303-01	MW-1, 0-1.6'	4/8/02	0925	1	✓								✓								✓	✓						
02	" 10'	"	0935	1	✓								✓								✓	✓						
03	" 20'	"	0945	1	✓								✓								✓	✓						
04	" 30'	"	0950	1	✓								✓								✓	✓						
05	" 42'	"	1010	1	✓								✓												✓			

Special Instructions:

Sample Containers Intact: Y N
Temperature Upon Receipt: -1°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	4/9/02	805			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Troy B Wattley	4/9/02	08:05

ANALYTICAL REPORT

Prepared for:

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

Project:	Dynegy- Eunice Plant
Order#:	G0203040
Report Date:	04/18/2002

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#: G0203040
Project: 2-0103
Project Name: Dynegy- Eunice Plant
Location: Lea County, 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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203040-01	MW-2, 0-0.1'	SOIL	4/9/02 10:17	4/10/02 8:46	4 oz Glass	ice
	Lab Tesuing:	Rejected: No		Temp: 0C		
	Chromium					
	Metals Digestion - Total					
0203040-02	MW-2, 5'	SOIL	4/9/02 10:22	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 0C		
	Chromium					
	Metals Digestion - Total					
0203040-03	MW-2, 10'	SOIL	4/9/02 10:25	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 0C		
	Chromium					
	Metals Digestion - Total					
0203040-04	MW-2, 15'	SOIL	4/9/02 10:29	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 0C		
	Chromium					
	Metals Digestion - Total					
0203040-05	MW-2, 20'	SOIL	4/9/02 10:39	4/10/02 8:46	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 0C		
	Chromium					
	Metals Digestion - Total					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203040
Project: 2-0103
Project Name: Dynegy- Eunice Plant
Location: Lea County, NM

Lab ID: 0203040-01
Sample ID: MW-2, 0-0.1'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	7.03	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-02
Sample ID: MW-2, 5'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.68	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-03
Sample ID: MW-2, 10'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	5.04	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-04
Sample ID: MW-2, 15'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	4.71	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Lab ID: 0203040-05
Sample ID: MW-2, 20'

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Chromium	3.84	mg/kg	50	0.100	3050/6010B	04/10/2002	4/17/02	SM

Approval: Roland K Tuttle 4-23-02
Roland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203040

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chromium-mg/kg	0001292-01			< 0.10		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-02		50	46.2	92.4%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-03		50	46.5	93.%	0.6%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chromium-mg/kg	0001292-04		1	1.04	104.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

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, Texas 79701
Telephone No: 915-687-0901
Fax No: 915-687-0456
Sampler Signature:

Project Name: Dynegy - Eunice Plant
Project #: 2-0103
Project Loc: Lea County, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Water	Sludge	Soil	Other (specify)	TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO (TCLP / TOTAL)	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Hold	RUSH TAT (Pre-Schedule)	Standard TAT
3040-01	MW-2, 0-0.1' M	4/9/02	1017	1	✓									✓					✓							
02	" 5'	"	1022	1	✓									✓					✓							
03	" 10'	"	1025	1	✓									✓					✓							
04	" 15'	"	1029	1	✓									✓					✓							
05	" 20'	"	1039	1	✓									✓					✓							
06	" 25'	"	1125	1	✓									✓									✓			

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: [illegible]

Relinquished by:	Date	Time	Received by:	Date	Time
Cindy Crain	4/9/02	1500			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				4-9-02	0840

Summary Report

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

Report Date: May 13, 2002

Order ID Number: A02042423

Project Number: 00-0100
Project Name: Enrice Sites
Project Location: Lea County, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
195555	MW-1	Water	4/23/02	10:58	4/24/02
195556	MW-2	Water	4/23/02	12:50	4/24/02
195557	MW-3	Water	4/23/02	14:50	4/24/02
195558	MW-3D	Water	4/23/02	14:50	4/24/02

0 This report consists of a total of 4 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX				
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
195555 - MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
195556 - MW-2	0.0083	0.0062	0.0012	0.0053	0.021
195557 - MW-3	0.193	0.0054	0.0396	0.101	0.339
195558 - MW-3D	0.226	<0.005	0.0491	0.113	0.388

Sample: 195555 - MW-1

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		300	mg/L as CaCo3
Total Alkalinity		300	mg/L as CaCo3
Specific Conductance		3830	μMHOS/cm
Total Mercury		0.00092	mg/L
Chloride		724	mg/L
Fluoride		2.24	mg/L
Nitrate-N		11.3	mg/L
Sulfate		542	mg/L
Naphthalene		<0.0002	mg/L
Acenaphthylene		<0.0002	mg/L
Acenaphthene		<0.0002	mg/L
Fluorene		<0.0002	mg/L
Phenanthrene		<0.0002	mg/L

Continued on next page ...

Sample 195555 continued ...

Param	Flag	Result	Units
Anthracene		<0.0002	mg/L
Fluoranthene		<0.0002	mg/L
Pyrene		<0.0002	mg/L
Benzo(a)anthracene		<0.0002	mg/L
Chrysene		<0.0002	mg/L
Benzo(b)fluoranthene		<0.0002	mg/L
Benzo(k)fluoranthene		<0.0002	mg/L
Benzo(a)pyrene		<0.0002	mg/L
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L
Dibenzo(a,h)anthracene		<0.0002	mg/L
Benzo(g,h,i)perylene		<0.0002	mg/L
Dissolved Calcium		183	mg/L
Dissolved Magnesium		68.5	mg/L
Dissolved Potassium		18.3	mg/L
Dissolved Sodium		471	mg/L
Total Dissolved Solids		2340	mg/L
Total Cyanide		<0.01	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		<0.100	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		0.316	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L
pH	[1]	7.4	s.u.

Sample: 195556 - MW-2

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		180	mg/L as CaCo3
Total Alkalinity		180	mg/L as CaCo3
Specific Conductance		4440	µMHOS/cm
Total Mercury		<0.0002	mg/L
Chloride		625	mg/L
Fluoride		3.99	mg/L
Nitrate-N		24.1	mg/L
Sulfate		1270	mg/L
Naphthalene		<0.0002	mg/L
Acenaphthylene		<0.0002	mg/L
Acenaphthene		<0.0002	mg/L
Fluorene		<0.0002	mg/L
Phenanthrene		<0.0002	mg/L
Anthracene		<0.0002	mg/L
Fluoranthene		<0.0002	mg/L
Pyrene		<0.0002	mg/L

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[1]Sample was received out of holding time.

Sample 195556 continued ...

Param	Flag	Result	Units
Benzo(a)anthracene		<0.0002	mg/L
Chrysene		<0.0002	mg/L
Benzo(b)fluoranthene		<0.0002	mg/L
Benzo(k)fluoranthene		<0.0002	mg/L
Benzo(a)pyrene		<0.0002	mg/L
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L
Dibenzo(a,h)anthracene		<0.0002	mg/L
Benzo(g,h,i)perylene		<0.0002	mg/L
Dissolved Calcium		340	mg/L
Dissolved Magnesium		128	mg/L
Dissolved Potassium		20.0	mg/L
Dissolved Sodium		445	mg/L
Total Dissolved Solids		3240	mg/L
Total Cyanide		<0.01	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		<0.100	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		<0.010	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L
pH	[2]	7.4	s.u.

Sample: 195557 - MW-3

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		304	mg/L as CaCo3
Total Alkalinity		304	mg/L as CaCo3
Specific Conductance		8480	μMHOS/cm
Total Mercury		<0.0002	mg/L
Chloride		2500	mg/L
Fluoride		3.00	mg/L
Nitrate-N		1.39	mg/L
Sulfate		245	mg/L
Naphthalene		0.011	mg/L
Acenaphthylene		<0.0002	mg/L
Acenaphthene		<0.0002	mg/L
Fluorene		<0.0002	mg/L
Phenanthrene		<0.0002	mg/L
Anthracene		<0.0002	mg/L
Fluoranthene		<0.0002	mg/L
Pyrene		<0.0002	mg/L
Benzo(a)anthracene		<0.0002	mg/L
Chrysene		<0.0002	mg/L
Benzo(b)fluoranthene		<0.0002	mg/L

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[2]Sample was received out of holding time.

Sample 195557 continued ...

Param	Flag	Result	Units
Benzo(k)fluoranthene		<0.0002	mg/L
Benzo(a)pyrene		<0.0002	mg/L
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L
Dibenzo(a,h)anthracene		<0.0002	mg/L
Benzo(g,h,i)perylene		<0.0002	mg/L
Dissolved Calcium		447	mg/L
Dissolved Magnesium		274	mg/L
Dissolved Potassium		50.6	mg/L
Dissolved Sodium		729	mg/L
Total Dissolved Solids		4880	mg/L
Total Cyanide		<0.01	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		0.528	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		<0.010	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L
pH	[3]	6.9	s.u.

[3]Sample was received out of holding time.

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

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

Report Date: May 13, 2002

Order ID Number: A02042423

Project Number: 00-0100
Project Name: Enrice Sites
Project Location: Lea County, NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
195555	MW-1	Water	4/23/02	10:58	4/24/02
195556	MW-2	Water	4/23/02	12:50	4/24/02
195557	MW-3	Water	4/23/02	14:50	4/24/02
195558	MW-3D	Water	4/23/02	14:50	4/24/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 195555 - MW-1

Analysis:	Alkalinity	Analytical Method:	E 310.1	QC Batch:	QC19986	Date Analyzed:	4/30/02
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB19158	Date Prepared:	4/30/02

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		300	mg/L as CaCo3	1	4
Total Alkalinity		300	mg/L as CaCo3	1	4

Sample: 195555 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19835	Date Analyzed:	4/24/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB19046	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0791	mg/L	1	0.10	79	70 - 130
4-BFB	[1]	0.0676	mg/L	1	0.10	67	70 - 130

Sample: 195555 - MW-1

Analysis:	Conductivity	Analytical Method:	SM 2510B	QC Batch:	QC19885	Date Analyzed:	4/26/02
Analyst:	JSW	Preparation Method:	N/A	Prep Batch:	PB19083	Date Prepared:	4/26/02

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		3830	μMHOS/cm	1	

Sample: 195555 - MW-1

Analysis:	Hg, Total	Analytical Method:	S 7470A	QC Batch:	QC20127	Date Analyzed:	5/6/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB19289	Date Prepared:	5/1/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		0.00092	mg/L	1	0.0002

[1] Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

Sample: 195555 - MW-1

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC19960 Date Analyzed: 4/24/02
Analyst: JS Preparation Method: N/A Prep Batch: PB19144 Date Prepared: 4/24/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		724	mg/L	50	2
Fluoride		2.24	mg/L	5	0.20
Nitrate-N		11.3	mg/L	5	0.20
Sulfate		542	mg/L	50	2

Sample: 195555 - MW-1

Analysis: PAH Analytical Method: S 8270C QC Batch: QC19956 Date Analyzed: 4/27/02
Analyst: RC Preparation Method: E 3510C Prep Batch: PB19093 Date Prepared: 4/24/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.0002	mg/L	1	0.0002
Acenaphthylene		<0.0002	mg/L	1	0.0002
Acenaphthene		<0.0002	mg/L	1	0.0002
Fluorene		<0.0002	mg/L	1	0.0002
Phenanthrene		<0.0002	mg/L	1	0.0002
Anthracene		<0.0002	mg/L	1	0.0002
Fluoranthene		<0.0002	mg/L	1	0.0002
Pyrene		<0.0002	mg/L	1	0.0002
Benzo(a)anthracene		<0.0002	mg/L	1	0.0002
Chrysene		<0.0002	mg/L	1	0.0002
Benzo(b)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(k)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(a)pyrene		<0.0002	mg/L	1	0.0002
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L	1	0.0002
Dibenzo(a,h)anthracene		<0.0002	mg/L	1	0.0002
Benzo(g,h,i)perylene		<0.0002	mg/L	1	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		60.94	mg/L	1	80	76	35 - 114
2-Fluorobiphenyl		64.44	mg/L	1	80	80	43 - 116
Terphenyl-d14		48.12	mg/L	1	80	60	33 - 141

Sample: 195555 - MW-1

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC20061 Date Analyzed: 4/29/02
Analyst: BC Preparation Method: S 3005A Prep Batch: PB19092 Date Prepared: 4/26/02

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		183	mg/L	1	0.50
Dissolved Magnesium		68.5	mg/L	1	0.50
Dissolved Potassium		18.3	mg/L	1	0.50
Dissolved Sodium		471	mg/L	1	0.50

Sample: 195555 - MW-1

Analysis:	TDS	Analytical Method:	E 160.1	QC Batch:	QC20034	Date Analyzed:	4/30/02
Analyst:	JSW	Preparation Method:	N/A	Prep Batch:	PB19212	Date Prepared:	4/29/02

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		2340	mg/L	1	10

Sample: 195555 - MW-1

Analysis:	Total Cyanide	Analytical Method:	SM 4500-CN C,E	QC Batch:	QC19821	Date Analyzed:	4/24/02
Analyst:	JSW	Preparation Method:	N/A	Prep Batch:	PB19032	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Total Cyanide		<0.01	mg/L	1	0.01

Sample: 195555 - MW-1

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC19941	Date Analyzed:	4/29/02
Analyst:	RR	Preparation Method:	S 3010A	Prep Batch:	PB19081	Date Prepared:	4/26/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.050	mg/L	1	0.05
Total Barium		<0.100	mg/L	1	0.10
Total Cadmium		<0.005	mg/L	1	0.005
Total Chromium		0.316	mg/L	1	0.01
Total Lead		<0.010	mg/L	1	0.01
Total Selenium		<0.050	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 195555 - MW-1

Analysis:	pH	Analytical Method:	E 150.1	QC Batch:	QC19850	Date Analyzed:	4/24/02
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB19059	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
pH	[2]	7.4	s.u.	1	1

Sample: 195556 - MW-2

Analysis:	Alkalinity	Analytical Method:	E 310.1	QC Batch:	QC19986	Date Analyzed:	4/30/02
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB19158	Date Prepared:	4/30/02

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		180	mg/L as CaCo3	1	4
Total Alkalinity		180	mg/L as CaCo3	1	4

[2]Sample was received out of holding time.

Sample: 195556 - MW-2

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19835	Date Analyzed:	4/24/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB19046	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0083	mg/L	1	0.001
Toluene		0.0062	mg/L	1	0.001
Ethylbenzene		0.0012	mg/L	1	0.001
M,P,O-Xylene		0.0053	mg/L	1	0.001
Total BTEX		0.021	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0875	mg/L	1	0.10	88	70 - 130
4-BFB		0.0742	mg/L	1	0.10	74	70 - 130

Sample: 195556 - MW-2

Analysis:	Conductivity	Analytical Method:	SM 2510B	QC Batch:	QC19885	Date Analyzed:	4/26/02
Analyst:	JSW	Preparation Method:	N/A	Prep Batch:	PB19083	Date Prepared:	4/26/02

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		4440	μMHOS/cm	1	

Sample: 195556 - MW-2

Analysis:	Hg, Total	Analytical Method:	S 7470A	QC Batch:	QC20127	Date Analyzed:	5/6/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB19289	Date Prepared:	5/1/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 195556 - MW-2

Analysis:	Ion Chromatography (IC)	Analytical Method:	E 300.0	QC Batch:	QC19959	Date Analyzed:	4/24/02
Analyst:	JS	Preparation Method:	N/A	Prep Batch:	PB19144	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		625	mg/L	50	2
Fluoride		3.99	mg/L	5	0.20
Nitrate-N		24.1	mg/L	5	0.20
Sulfate		1270	mg/L	50	2

Sample: 195556 - MW-2

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC19956	Date Analyzed:	4/27/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB19093	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.0002	mg/L	1	0.0002

Continued ...

... *Continued* Sample: 195556 Analysis: PAH

Param	Flag	Result	Units	Dilution	RDL
Acenaphthylene		<0.0002	mg/L	1	0.0002
Acenaphthene		<0.0002	mg/L	1	0.0002
Fluorene		<0.0002	mg/L	1	0.0002
Phenanthrene		<0.0002	mg/L	1	0.0002
Anthracene		<0.0002	mg/L	1	0.0002
Fluoranthene		<0.0002	mg/L	1	0.0002
Pyrene		<0.0002	mg/L	1	0.0002
Benzo(a)anthracene		<0.0002	mg/L	1	0.0002
Chrysene		<0.0002	mg/L	1	0.0002
Benzo(b)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(k)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(a)pyrene		<0.0002	mg/L	1	0.0002
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L	1	0.0002
Dibenzo(a,h)anthracene		<0.0002	mg/L	1	0.0002
Benzo(g,h,i)perylene		<0.0002	mg/L	1	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		57.38	mg/L	1	80	71	35 - 114
2-Fluorobiphenyl		60.23	mg/L	1	80	75	43 - 116
Terphenyl-d14		49.48	mg/L	1	80	61	33 - 141

Sample: 195556 - MW-2

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC20061 Date Analyzed: 4/29/02
Analyst: BC Preparation Method: S 3005A Prep Batch: PB19092 Date Prepared: 4/26/02

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		340	mg/L	1	0.50
Dissolved Magnesium		128	mg/L	1	0.50
Dissolved Potassium		20.0	mg/L	1	0.50
Dissolved Sodium		445	mg/L	1	0.50

Sample: 195556 - MW-2

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC20034 Date Analyzed: 4/30/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19212 Date Prepared: 4/29/02

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		3240	mg/L	1	10

Sample: 195556 - MW-2

Analysis: Total Cyanide Analytical Method: SM 4500-CN C,E QC Batch: QC20015 Date Analyzed: 5/1/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19184 Date Prepared: 5/1/02

Param	Flag	Result	Units	Dilution	RDL
Total Cyanide		*<0.01*	*mg/L*	1	0.01

Sample: 195556 - MW-2

Analysis: Total Metals | Analytical Method: S 6010B | QC Batch: QC19941 | Date Analyzed: 4/29/02
Analyst: RR | Preparation Method: S 3010A | Prep Batch: PB19081 | Date Prepared: 4/26/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.050	mg/L	1	0.05
Total Barium		<0.100	mg/L	1	0.10
Total Cadmium		<0.005	mg/L	1	0.005
Total Chromium		<0.010	mg/L	1	0.01
Total Lead		<0.010	mg/L	1	0.01
Total Selenium		<0.050	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 195556 - MW-2

Analysis: pH | Analytical Method: E 150.1 | QC Batch: QC19850 | Date Analyzed: 4/24/02
Analyst: RS | Preparation Method: N/A | Prep Batch: PB19059 | Date Prepared: 4/24/02

Param	Flag	Result	Units	Dilution	RDL
pH	[3]	7.4	s.u.	1	1

Sample: 195557 - MW-3

Analysis: Alkalinity | Analytical Method: E 310.1 | QC Batch: QC19985 | Date Analyzed: 4/30/02
Analyst: RS | Preparation Method: N/A | Prep Batch: PB19159 | Date Prepared: 4/30/02

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		304	mg/L as CaCo3	1	4
Total Alkalinity		304	mg/L as CaCo3	1	4

Sample: 195557 - MW-3

Analysis: BTEX | Analytical Method: S 8021B | QC Batch: QC19835 | Date Analyzed: 4/24/02
Analyst: CG | Preparation Method: S 5030B | Prep Batch: PB19046 | Date Prepared: 4/24/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.193	mg/L	5	0.001
Toluene		0.0054	mg/L	5	0.001
Ethylbenzene		0.0396	mg/L	5	0.001
M,P,O-Xylene		0.101	mg/L	5	0.001
Total BTEX		0.339	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0847	mg/L	5	0.10	84	70 - 130
4-BFB		0.0811	mg/L	5	0.10	81	70 - 130

[3]Sample was received out of holding time.

Sample: 195557 - MW-3

Analysis:	Conductivity	Analytical Method:	SM 2510B	QC Batch:	QC19885	Date Analyzed:	4/26/02
Analyst:	JSW	Preparation Method:	N/A	Prep Batch:	PB19083	Date Prepared:	4/26/02

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		8480	µMHOS/cm	1	

Sample: 195557 - MW-3

Analysis:	Hg, Total	Analytical Method:	S 7470A	QC Batch:	QC20127	Date Analyzed:	5/6/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB19289	Date Prepared:	5/1/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 195557 - MW-3

Analysis:	Ion Chromatography (IC)	Analytical Method:	E 300.0	QC Batch:	QC19959	Date Analyzed:	4/24/02
Analyst:	JS	Preparation Method:	N/A	Prep Batch:	PB19144	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		2500	mg/L	100	2
Fluoride		3.00	mg/L	5	0.20
Nitrate-N		1.39	mg/L	5	0.20
Sulfate		245	mg/L	50	2

Sample: 195557 - MW-3

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC19956	Date Analyzed:	4/27/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB19093	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		0.011	mg/L	1	0.0002
Acenaphthylene		<0.0002	mg/L	1	0.0002
Acenaphthene		<0.0002	mg/L	1	0.0002
Fluorene		<0.0002	mg/L	1	0.0002
Phenanthrene		<0.0002	mg/L	1	0.0002
Anthracene		<0.0002	mg/L	1	0.0002
Fluoranthene		<0.0002	mg/L	1	0.0002
Pyrene		<0.0002	mg/L	1	0.0002
Benzo(a)anthracene		<0.0002	mg/L	1	0.0002
Chrysene		<0.0002	mg/L	1	0.0002
Benzo(b)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(k)fluoranthene		<0.0002	mg/L	1	0.0002
Benzo(a)pyrene		<0.0002	mg/L	1	0.0002
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L	1	0.0002
Dibenzo(a,h)anthracene		<0.0002	mg/L	1	0.0002
Benzo(g,h,i)perylene		<0.0002	mg/L	1	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		61.05	mg/L	1	80	76	35 - 114
2-Fluorobiphenyl		52.99	mg/L	1	80	66	43 - 116
Terphenyl-d14		32.82	mg/L	1	80	41	33 - 141

Sample: 195557 - MW-3

Analysis: Salts | Analytical Method: E 200.7 | QC Batch: QC20061 | Date Analyzed: 4/29/02
Analyst: BC | Preparation Method: S 3005A | Prep Batch: PB19092 | Date Prepared: 4/26/02

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		447	mg/L	1	0.50
Dissolved Magnesium		274	mg/L	1	0.50
Dissolved Potassium		50.6	mg/L	1	0.50
Dissolved Sodium		729	mg/L	1	0.50

Sample: 195557 - MW-3

Analysis: TDS | Analytical Method: E 160.1 | QC Batch: QC20034 | Date Analyzed: 4/30/02
Analyst: JSW | Preparation Method: N/A | Prep Batch: PB19212 | Date Prepared: 4/29/02

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		4880	mg/L	1	10

Sample: 195557 - MW-3

Analysis: Total Cyanide | Analytical Method: SM 4500-CN C,E | QC Batch: QC20015 | Date Analyzed: 5/1/02
Analyst: JSW | Preparation Method: N/A | Prep Batch: PB19184 | Date Prepared: 5/1/02

Param	Flag	Result	Units	Dilution	RDL
Total Cyanide		<0.01	mg/L	1	0.01

Sample: 195557 - MW-3

Analysis: Total Metals | Analytical Method: S 6010B | QC Batch: QC19941 | Date Analyzed: 4/29/02
Analyst: RR | Preparation Method: S 3010A | Prep Batch: PB19081 | Date Prepared: 4/26/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.050	mg/L	1	0.05
Total Barium		0.528	mg/L	1	0.10
Total Cadmium		<0.005	mg/L	1	0.005
Total Chromium		<0.010	mg/L	1	0.01
Total Lead		<0.010	mg/L	1	0.01
Total Selenium		<0.050	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 195557 - MW-3

Analysis:	pH	Analytical Method:	E 150.1	QC Batch:	QC19850	Date Analyzed:	4/24/02
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB19059	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
pH	[4]	6.9	s.u.	1	1

Sample: 195558 - MW-3D

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19835	Date Analyzed:	4/24/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB19046	Date Prepared:	4/24/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.226	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		0.0491	mg/L	5	0.001
M,P,O-Xylene		0.113	mg/L	5	0.001
Total BTEX		0.388	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.085	mg/L	5	0.10	85	70 - 130
4-BFB		0.081	mg/L	5	0.10	81	70 - 130

[4] Sample was received out of holding time.

Quality Control Report
Method Blank

Method Blank

QCBatch: QC19821

Param	Flag	Results	Units	Reporting Limit
Total Cyanide		<0.01	mg/L	0.01

Method Blank

QCBatch: QC19835

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0882	mg/L	1	0.10	88	70 - 130
4-BFB		0.0782	mg/L	1	0.10	78	70 - 130

Method Blank

QCBatch: QC19885

Param	Flag	Results	Units	Reporting Limit
Specific Conductance		2.33	μMHOS/cm	

Method Blank

QCBatch: QC19941

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<0.050	mg/L	0.05
Total Barium		<0.100	mg/L	0.10
Total Cadmium		<0.005	mg/L	0.005
Total Chromium		<0.010	mg/L	0.01
Total Lead		<0.010	mg/L	0.01
Total Selenium		<0.050	mg/L	0.05
Total Silver		<0.0125	mg/L	0.01

Method Blank

QCBatch: QC19956

Param	Flag	Results	Units	Reporting Limit
Naphthalene		<0.0002	mg/L	0.0002
Acenaphthylene		<0.0002	mg/L	0.0002
Acenaphthene		<0.0002	mg/L	0.0002
Fluorene		<0.0002	mg/L	0.0002
Phenanthrene		<0.0002	mg/L	0.0002
Anthracene		<0.0002	mg/L	0.0002
Fluoranthene		<0.0002	mg/L	0.0002
Pyrene		<0.0002	mg/L	0.0002
Benzo(a)anthracene		<0.0002	mg/L	0.0002
Chrysene		<0.0002	mg/L	0.0002
Benzo(b)fluoranthene		<0.0002	mg/L	0.0002
Benzo(k)fluoranthene		<0.0002	mg/L	0.0002
Benzo(a)pyrene		<0.0002	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.0002	mg/L	0.0002
Benzo(g,h,i)perylene		<0.0002	mg/L	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		64.62	mg/L	1	80	80	35 - 114
2-Fluorobiphenyl		68.01	mg/L	1	80	85	43 - 116
Terphenyl-d14		69.54	mg/L	1	80	86	33 - 141

Method Blank

QCBatch: QC19959

Param	Flag	Results	Units	Reporting Limit
Chloride		<2.0	mg/L	2
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<2.0	mg/L	2

Method Blank

QCBatch: QC19960

Param	Flag	Results	Units	Reporting Limit
Chloride		<2.0	mg/L	2
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<2.0	mg/L	2

Method Blank

QCBatch: QC19985

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1

Continued ...

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Param	Flag	Results	Units	Reporting Limit
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.0	mg/L as CaCo3	4
Total Alkalinity		<4.0	mg/L as CaCo3	4

Method Blank

QCBatch: QC19986

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.0	mg/L as CaCo3	4
Total Alkalinity		<4.0	mg/L as CaCo3	4

Method Blank

QCBatch: QC20015

Param	Flag	Results	Units	Reporting Limit
Total Cyanide		<0.01	mg/L	0.01

Method Blank

QCBatch: QC20034

Param	Flag	Results	Units	Reporting Limit
Total Dissolved Solids		<10	mg/L	10

Method Blank

QCBatch: QC20061

Param	Flag	Results	Units	Reporting Limit
Dissolved Calcium		<0.5	mg/L	0.50
Dissolved Magnesium		<0.5.	mg/L	0.50
Dissolved Potassium		<0.5	mg/L	0.50
Dissolved Sodium		<0.5	mg/L	0.50

Method Blank

QCBatch: QC20127

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.0002	mg/L	0.0002

Quality Control Report

Duplicate Samples

Duplicate QCBatch: QC19850

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH		8.6	8.6	s.u.	1	0	0

Duplicate QCBatch: QC19885

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance		11742	11699	μMHOS/cm	1	0	3.5

Duplicate QCBatch: QC19985

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	6.6
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	6.6
Bicarbonate Alkalinity		532	530	mg/L as CaCo3	1	0	6.6
Total Alkalinity		532	530	mg/L as CaCo3	1	0	6.6

Duplicate QCBatch: QC19986

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	6.6
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	6.6
Bicarbonate Alkalinity		198	196	mg/L as CaCo3	1	1	6.6
Total Alkalinity		198	196	mg/L as CaCo3	1	1	6.6

Duplicate QCBatch: QC20034

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids		6110	5960	mg/L	1	2	9.7

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes QCBatch: QC19821

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Cyanide	0.106	0.106	mg/L	1	0.12	<0.01	88	0	68 - 116	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC19835

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0974	0.0979	mg/L	1	0.10	<0.001	97	0	70 - 130	20
Benzene	0.0901	0.0898	mg/L	1	0.10	<0.001	90	0	70 - 130	20
Toluene	0.0893	0.0895	mg/L	1	0.10	<0.001	89	0	70 - 130	20
Ethylbenzene	0.0853	0.0894	mg/L	1	0.10	<0.001	85	5	70 - 130	20
M,P,O-Xylene	0.276	0.280	mg/L	1	0.30	<0.001	92	1	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0875	0.089	mg/L	1	0.10	88	89	70 - 130
4-BFB	0.0919	0.0921	mg/L	1	0.10	92	92	70 - 130

Laboratory Control Spikes

QCBatch: QC19941

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Antimony	0.252	0.251	mg/L	1	0.25	<0.025	101	0	75 - 125	20
Total Arsenic	0.493	0.491	mg/L	1	0.50	<0.050	99	0	75 - 125	20
Total Barium	1.03	0.995	mg/L	1	1	<0.100	103	3	75 - 125	20
Total Beryllium	0.025	0.0243	mg/L	1	0.02	<0.0025	100	3	75 - 125	20
Total Cadmium	0.245	0.240	mg/L	1	0.25	<0.005	98	2	75 - 125	20
Total Calcium	91.6	98.8	mg/L	1	100	<0.5	91	7	75 - 125	20
Total Chromium	0.104	0.104	mg/L	1	0.10	<0.010	104	0	75 - 125	20
Total Cobalt	0.257	0.258	mg/L	1	0.25	<0.025	103	0	75 - 125	20
Total Copper	0.131	0.124	mg/L	1	0.12	<0.0125	105	5	75 - 125	20
Total Iron	0.518	0.499	mg/L	1	0.50	<0.050	104	4	75 - 125	20
Total Lead	0.501	0.501	mg/L	1	0.50	<0.010	100	0	75 - 125	20
Total Magnesium	90.1	96.6	mg/L	1	100	<0.5	90	6	75 - 125	20
Total Manganese	0.258	0.251	mg/L	1	0.25	<0.025	103	3	75 - 125	20
Total Molybdenum	0.520	0.517	mg/L	1	0.50	<0.050	104	0	75 - 125	20
Total Nickel	0.254	0.254	mg/L	1	0.25	<0.025	102	0	75 - 125	20
Total Potassium	92.9	98.0	mg/L	1	100	<0.5	92	5	75 - 125	20
Total Selenium	0.444	0.443	mg/L	1	0.50	<0.050	89	0	75 - 125	20
Total Silver	0.126	0.122	mg/L	1	0.12	<0.0125	101	3	75 - 125	20
Total Sodium	94.5	100	mg/L	1	100	<0.5	94	5	75 - 125	20
Total Thallium	0.467	0.494	mg/L	1	0.50	<0.050	93	6	75 - 125	20
Total Tin	0.311	0.314	mg/L	1	0.30	<0.025	104	1	75 - 125	20
Total Vanadium	0.257	0.248	mg/L	1	0.25	<0.025	103	4	75 - 125	20
Total Zinc	0.246	0.246	mg/L	1	0.25	<0.025	98	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC19956

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Naphthalene	49.69	54.7	mg/L	1	80	<0.0002	62	9	16 - 96	20
Acenaphthylene	52.61	57.46	mg/L	1	80	<0.0002	65	8	20 - 110	20
Acenaphthene	58.96	63.87	mg/L	1	80	<0.0002	73	7	18 - 108	20
Fluorene	59.71	62.47	mg/L	1	80	<0.0002	74	4	22 - 102	20
Phenanthrene	54.17	52.19	mg/L	1	80	<0.0002	67	3	25 - 103	20
Anthracene	54.35	52.16	mg/L	1	80	<0.0002	67	4	22 - 110	20
Fluoranthene	61.35	58.79	mg/L	1	80	<0.0002	76	4	21 - 110	20
Pyrene	61.74	57.27	mg/L	1	80	<0.0002	77	7	22 - 100	20
Benzo(a)anthracene	64.06	60.53	mg/L	1	80	<0.0002	80	5	30 - 99	20
Chrysene	74.89	70.52	mg/L	1	80	<0.0002	93	6	27 - 108	20
Benzo(b)fluoranthene	61.6	59.64	mg/L	1	80	<0.0002	77	3	19 - 102	20
Benzo(k)fluoranthene	67.25	64.8	mg/L	1	80	<0.0002	84	3	35 - 103	20
Benzo(a)pyrene	64.73	61.65	mg/L	1	80	<0.0002	80	4	24 - 105	20
Indeno(1,2,3-cd)pyrene	57.18	54.00	mg/L	1	80	<0.0002	71	5	22 - 108	20
Dibenzo(a,h)anthracene	78.56	75.38	mg/L	1	80	<0.0002	98	4	23 - 77	20
Benzo(g,h,i)perylene	53.75	56.27	mg/L	1	80	<0.0002	67	4	19 - 119	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Nitrobenzene-d5	52.24	57.72	mg/L	1	80	65	72	35 - 114
2-Fluorobiphenyl	54.79	61.97	mg/L	1	80	68	77	43 - 116
Terphenyl-d14	62.92	59.37	mg/L	1	80	78	74	33 - 141

Laboratory Control Spikes

QCBatch: QC19959

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	12.10	11.92	mg/L	1	12.50	<2.0	96	1	90 - 110	20
Fluoride	2.25	2.57	mg/L	1	2.50	<0.2	90	13	90 - 110	20
Nitrate-N	2.57	2.57	mg/L	1	2.50	<0.2	102	0	90 - 110	20
Sulfate	12.49	12.83	mg/L	1	12.50	<2.0	99	2	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC19960

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	12.15	12.14	mg/L	1	12.50	<2.0	97	0	90 - 110	20
Fluoride	2.33	2.50	mg/L	1	2.50	<0.2	93	7	90 - 110	20
Nitrate-N	2.54	2.60	mg/L	1	2.50	<0.2	101	2	90 - 110	20
Sulfate	12.17	12.79	mg/L	1	12.50	<2.0	97	4	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20015

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Cyanide	0.112	0.106	mg/L	1	0.12	<0.01	93	5	68 - 116	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20061

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	102	102	mg/L	1	100	<0.5	102	0	75 - 125	20
Dissolved Magnesium	99.3	99.2	mg/L	1	100	<0.5.	99	0	75 - 125	20
Dissolved Potassium	102	102	mg/L	1	100	<0.5	102	0	75 - 125	20
Dissolved Sodium	102	101	mg/L	1	100	<0.5	102	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20127

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	0.00102	0.00099	mg/L	1	0.001	<0.0002	102	2	87 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC19821

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Cyanide	0.185	[5] 0.0852	mg/L	1	0.12	0.0793	88	178	23 - 141	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC19941

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	0.456	0.443	mg/L	1	0.50	<0.050	91	3	75 - 125	20
Total Barium	0.843	0.856	mg/L	1	1	<0.100	84	2	75 - 125	20
Total Cadmium	0.196	0.199	mg/L	1	0.25	<0.005	78	2	75 - 125	20
Total Chromium	0.0843	0.0856	mg/L	1	0.10	<0.010	84	2	75 - 125	20

Continued ...

[5]Did not spike the duplicate, causing RPD to be high.

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Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Lead	0.406	0.407	mg/L	1	0.50	<0.010	81	0	75 - 125	20
Total Selenium	0.497	0.498	mg/L	1	0.50	0.0745	99	0	75 - 125	20
Total Silver	0.122	0.125	mg/L	1	0.12	<0.0125	98	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC19959

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	3703.43	3692.62	mg/L	1	1250	2500	96	0	48 - 127	20
Fluoride	[6] 221.09	[7] 223.72	mg/L	1	250	3.00	87	1	82 - 101	20
Nitrate-N	[8] 264.42	[9] 267.52	mg/L	1	250	1.39	105	1	87 - 100	20
Sulfate	[10] 1476.18	[11] 1478.35	mg/L	1	1250	245	98	0	59 - 121	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC19960

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	1330.52	1328.96	mg/L	1	625	724	97	0	48 - 127	20
Fluoride	[12] 111.48	[13] 116.30	mg/L	1	125	2.24	87	4	82 - 101	20
Nitrate-N	[14] 140.71	[15] 144.86	mg/L	1	125	11.3	103	3	87 - 100	20
Sulfate	1076.98	1074.15	mg/L	1	625	542	85	0	59 - 121	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC20015

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Cyanide	0.118	0.117	mg/L	1	0.12	0.0214	80	1	23 - 141	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

[6] 195557 *100 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 83.
[7] 195557 *100 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 84.
[8] 195557 *100 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 100.
[9] 195557 *100 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 101.
[10] 195557 *100 dilution was used for the spikes, but the *50 dilution was reported. The correct %Rec = 97.
[11] 195557 *100 dilution was used for the spikes, but the *50 dilution was reported. The correct %Rec = 97.
[12] 19555 *50 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 83.
[13] 19555 *50 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 87.
[14] 19555 *50 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 89.
[15] 19555 *50 dilution was used for the spikes, but the *5 dilution was reported. The correct %Rec = 103.

Matrix Spikes

QCBatch: QC20061

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	276	281	mg/L	1	100	151	125	3	75 - 125	20
Dissolved Magnesium	140	143	mg/L	1	100	30.4	109	2	75 - 125	20
Dissolved Potassium	118	120	mg/L	1	100	5.91	112	1	75 - 125	20
Dissolved Sodium	294	306	mg/L	1	100	171	123	9	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC20127

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	[16] 0.00084	[17] 0.00092	mg/L	1	0.001	0.00042	42	17	40 - 177	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC19821

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.12	0.127	105	85 - 115	4/24/02

ICV (1)

QCBatch: QC19821

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.12	0.127	105	85 - 115	4/24/02

CCV (1)

QCBatch: QC19835

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.102	102	85 - 115	4/24/02
Benzene		mg/L	0.10	0.0927	93	85 - 115	4/24/02

Continued ...

[16]ms recovery invalid due to matrix effect, use lcs/lcsd to demonstrate the run is under control.
[17]ms recovery invalid due to matrix effect, use lcs/lcsd to demonstrate the run is under control.

... Continued

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.10	0.0921	92	85 - 115	4/24/02
Ethylbenzene		mg/L	0.10	0.0924	92	85 - 115	4/24/02
M,P,O-Xylene		mg/L	0.30	0.290	97	85 - 115	4/24/02

CCV (2)

QCBatch: QC19835

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.1062	106	85 - 115	4/24/02
Benzene		mg/L	0.10	0.1052	105	85 - 115	4/24/02
Toluene		mg/L	0.10	0.1099	109	85 - 115	4/24/02
Ethylbenzene		mg/L	0.10	0.0928	92	85 - 115	4/24/02
M,P,O-Xylene		mg/L	0.30	0.2905	96	85 - 115	4/24/02

ICV (1)

QCBatch: QC19835

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0992	99	85 - 115	4/24/02
Benzene		mg/L	0.10	0.0905	90	85 - 115	4/24/02
Toluene		mg/L	0.10	0.0914	91	85 - 115	4/24/02
Ethylbenzene		mg/L	0.10	0.0911	91	85 - 115	4/24/02
M,P,O-Xylene		mg/L	0.30	0.285	95	85 - 115	4/24/02

CCV (1)

QCBatch: QC19850

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7	7.0	100	-0.1 s.u. - +0.1 s.u.	4/24/02

ICV (1)

QCBatch: QC19850

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7	7.0	100	-0.1 s.u. - +0.1 s.u.	4/24/02

CCV (1)

QCBatch: QC19885

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1412	1405	99	90 - 110	4/26/02

ICV (1) QCBatch: QC19885

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1409	1408	99	90 - 110	4/26/02

CCV (1) QCBatch: QC19941

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	0.50	0.495	99	90 - 110	4/29/02
Total Arsenic		mg/L	1	1.01	101	90 - 110	4/29/02
Total Barium		mg/L	2	2.04	102	90 - 110	4/29/02
Total Beryllium		mg/L	0.05	0.0518	104	90 - 110	4/29/02
Total Cadmium		mg/L	0.50	0.507	101	90 - 110	4/29/02
Total Calcium		mg/L	25	23.5	94	90 - 110	4/29/02
Total Chromium		mg/L	0.20	0.204	102	90 - 110	4/29/02
Total Cobalt		mg/L	0.50	0.510	102	90 - 110	4/29/02
Total Copper		mg/L	0.25	0.252	101	90 - 110	4/29/02
Total Iron		mg/L	1	1.01	101	90 - 110	4/29/02
Total Lead		mg/L	1	1.01	101	90 - 110	4/29/02
Total Magnesium		mg/L	25	22.6	90	90 - 110	4/29/02
Total Manganese		mg/L	0.50	0.512	102	90 - 110	4/29/02
Total Molybdenum		mg/L	1	1.01	101	90 - 110	4/29/02
Total Nickel		mg/L	0.50	0.509	102	90 - 110	4/29/02
Total Potassium		mg/L	25	25.3	101	90 - 110	4/29/02
Total Selenium		mg/L	1	1.02	102	90 - 110	4/29/02
Total Silver		mg/L	0.25	0.255	102	90 - 110	4/29/02
Total Sodium		mg/L	25	26.2	104	90 - 110	4/29/02
Total Thallium		mg/L	1	1.01	101	90 - 110	4/29/02
Total Tin		mg/L	0.50	0.502	100	90 - 110	4/29/02
Total Vanadium		mg/L	0.50	0.506	101	90 - 110	4/29/02
Total Zinc		mg/L	0.50	0.514	103	90 - 110	4/29/02

ICV (1) QCBatch: QC19941

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	0.50	0.504	101	95 - 105	4/29/02
Total Arsenic		mg/L	1	1.01	101	95 - 105	4/29/02

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2	2.02	101	95 - 105	4/29/02
Total Beryllium		mg/L	0.05	0.0512	102	95 - 105	4/29/02
Total Cadmium		mg/L	0.50	0.504	101	95 - 105	4/29/02
Total Calcium		mg/L	25	25.7	102	95 - 105	4/29/02
Total Chromium		mg/L	0.20	0.202	101	95 - 105	4/29/02
Total Cobalt		mg/L	0.50	0.506	101	95 - 105	4/29/02
Total Copper		mg/L	0.25	0.250	100	95 - 105	4/29/02
Total Iron		mg/L	1	0.998	100	95 - 105	4/29/02
Total Lead		mg/L	1	1.01	101	95 - 105	4/29/02
Total Magnesium		mg/L	25	25.0	100	95 - 105	4/29/02
Total Manganese		mg/L	0.50	0.505	101	95 - 105	4/29/02
Total Molybdenum		mg/L	1	1.02	102	95 - 105	4/29/02
Total Nickel		mg/L	0.50	0.503	101	95 - 105	4/29/02
Total Potassium		mg/L	25	24.4	97	95 - 105	4/29/02
Total Selenium		mg/L	1	1.01	101	95 - 105	4/29/02
Total Silver		mg/L	0.25	0.251	100	95 - 105	4/29/02
Total Sodium		mg/L	25	25.2	100	95 - 105	4/29/02
Total Thallium		mg/L	1	1.04	104	95 - 105	4/29/02
Total Tin		mg/L	0.50	0.504	101	95 - 105	4/29/02
Total Vanadium		mg/L	0.50	0.499	100	95 - 105	4/29/02
Total Zinc		mg/L	0.50	0.506	101	95 - 105	4/29/02

CCV (1)

QCBatch: QC19956

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60	59.46	99	80 - 120	4/27/02
Acenaphthylene		mg/L	60	62.27	103	80 - 120	4/27/02
Acenaphthene		mg/L	60	60.64	101	80 - 120	4/27/02
Fluorene		mg/L	60	59.34	98	80 - 120	4/27/02
Phenanthrene		mg/L	60	53.06	88	80 - 120	4/27/02
Anthracene		mg/L	60	53.86	89	80 - 120	4/27/02
Fluoranthene		mg/L	60	61.1	101	80 - 120	4/27/02
Pyrene		mg/L	60	60.0	100	80 - 120	4/27/02
Benzo(a)anthracene		mg/L	60	60.47	100	80 - 120	4/27/02
Chrysene		mg/L	60	58.25	97	80 - 120	4/27/02
Benzo(b)fluoranthene		mg/L	60	61.4	102	80 - 120	4/27/02
Benzo(k)fluoranthene		mg/L	60	58.12	96	80 - 120	4/27/02
Benzo(a)pyrene		mg/L	60	58.76	97	80 - 120	4/27/02
Indeno(1,2,3-cd)pyrene		mg/L	60	54.93	91	80 - 120	4/27/02
Dibenzo(a,h)anthracene		mg/L	60	53.79	89	80 - 120	4/27/02
Benzo(g,h,i)perylene		mg/L	60	53.61	89	80 - 120	4/27/02
Nitrobenzene-d5		mg/L	60	61.9	103	80 - 120	4/27/02
2-Fluorobiphenyl		mg/L	60	63.61	106	80 - 120	4/27/02
Terphenyl-d14		mg/L	60	59.53	99	80 - 120	4/27/02

CCV (1) QCBatch: QC19959

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	11.88	95	90 - 110	4/24/02
Fluoride		mg/L	2.50	2.64	105	90 - 110	4/24/02
Nitrate-N		mg/L	2.50	2.58	103	90 - 110	4/24/02
Sulfate		mg/L	12.50	13.10	104	90 - 110	4/24/02

ICV (1) QCBatch: QC19959

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	12.19	97	90 - 110	4/24/02
Fluoride		mg/L	2.50	2.60	104	90 - 110	4/24/02
Nitrate-N		mg/L	2.50	2.58	103	90 - 110	4/24/02
Sulfate		mg/L	12.50	13.26	106	90 - 110	4/24/02

CCV (1) QCBatch: QC19960

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	12.19	97	90 - 110	4/24/02
Fluoride		mg/L	2.50	2.60	104	90 - 110	4/24/02
Nitrate-N		mg/L	2.50	2.58	103	90 - 110	4/24/02
Sulfate		mg/L	12.50	13.26	106	90 - 110	4/24/02

ICV (1) QCBatch: QC19960

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	11.97	95	90 - 110	4/24/02
Fluoride		mg/L	2.50	2.57	102	90 - 110	4/24/02
Nitrate-N		mg/L	2.50	2.55	102	90 - 110	4/24/02
Sulfate		mg/L	12.50	12.75	102	90 - 110	4/24/02

CCV (1) QCBatch: QC19985

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	4/30/02

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Carbonate Alkalinity		mg/L as CaCo3	0	220	0	90 - 110	4/30/02
Bicarbonate Alkalinity		mg/L as CaCo3	0	26	0	90 - 110	4/30/02
Total Alkalinity		mg/L as CaCo3	250	246	98	90 - 110	4/30/02

ICV (1) QCBatch: QC19985

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	4/30/02
Carbonate Alkalinity		mg/L as CaCo3	0	228	0	90 - 110	4/30/02
Bicarbonate Alkalinity		mg/L as CaCo3	0	16	0	90 - 110	4/30/02
Total Alkalinity		mg/L as CaCo3	250	244	97	90 - 110	4/30/02

CCV (1) QCBatch: QC19986

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	4/30/02
Carbonate Alkalinity		mg/L as CaCo3	0	228	0	90 - 110	4/30/02
Bicarbonate Alkalinity		mg/L as CaCo3	0	16	0	90 - 110	4/30/02
Total Alkalinity		mg/L as CaCo3	250	244	97	90 - 110	4/30/02

ICV (1) QCBatch: QC19986

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	4/30/02
Carbonate Alkalinity		mg/L as CaCo3	0	224	0	90 - 110	4/30/02
Bicarbonate Alkalinity		mg/L as CaCo3	0	18	0	90 - 110	4/30/02
Total Alkalinity		mg/L as CaCo3	250	242	96	90 - 110	4/30/02

CCV (1) QCBatch: QC20015

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.12	0.129	107	85 - 115	5/1/02

ICV (1) QCBatch: QC20015

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.12	0.126	105	85 - 115	5/1/02

CCV (1) QCBatch: QC20034

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	987	98	90 - 110	4/30/02

ICV (1) QCBatch: QC20034

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	975	97	90 - 110	4/30/02

CCV (1) QCBatch: QC20061

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.2	96	90 - 110	4/29/02
Dissolved Magnesium		mg/L	25	23.9	95	90 - 110	4/29/02
Dissolved Potassium		mg/L	25	24.4	97	90 - 110	4/29/02
Dissolved Sodium		mg/L	25	24.4	97	90 - 110	4/29/02

ICV (1) QCBatch: QC20061

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.7	98	95 - 105	4/29/02
Dissolved Magnesium		mg/L	25	24.6	98	95 - 105	4/29/02
Dissolved Potassium		mg/L	25	24.8	99	95 - 105	4/29/02
Dissolved Sodium		mg/L	25	24.9	99	95 - 105	4/29/02

CCV (1) QCBatch: QC20127

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00102	102	80 - 120	5/6/02

ICV (1) QCBatch: QC20127

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00093	93	80 - 120	5/6/02

195555-58

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0204423

Company Name: Larson + Associates Inc. Phone #: (915) 687-0901

Address: (Street, City, Zip) 507 N. Marienfield Suite 202 Midland Tx. 79701 Fax #: (915) 687-0456

Contact Person: Mark Larson cell 556 8656

Invoice to: (If different from above)

Project #: 0-0100 Project Name: Dynegy

Project Location: Eunice, N.M. Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
195555	MW-1	4		X				X	X		X	X		4/23/02	10:58
56	MW-2	4		X				X	X		X	X			12:50
57	MW-3	4		X				X	X		X	X			2:50
58	MW-3D	2		X				X						4/23/02	2:50

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	TDS, Florides, Nitrates	Anions/Cations	Cyanide			Turn Around Time if different from standard	Hold
	X		X	X											X	X	X				
	X		X	X											X	X	X				
	X		X	X											X	X	X				
	X																				

Relinquished by: Date: 4-23-02 Time: 6:30 Received by: Helen Ketton Date: 4/23/02 Time: 6:30

Relinquished by: Helen Ketton Date: 4/23/02 Time: 1830 Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Vicki Crump Date: 4-24-02 Time: 10:00

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2 °
Log-in Review MS

REMARKS:

PAP 5/14/02

☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound 1635734958

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 28 samples #'s

ORIGINAL COPY

Summary Report

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

Report Date: May 21, 2002

Order ID Number: A02051508

Project Number: 2-0103
Project Name: Eunice Middle Plant
Project Location: N/A

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
197053	MW-1	Water	5/14/02	11:17	5/15/02
197054	MW-3	Water	5/14/02	12:19	5/15/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX				
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
197054 - MW-3	0.379	<0.005	0.108	0.184	0.671

Sample: 197053 - MW-1

Param	Flag	Result	Units
Total Mercury		<0.0002	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		<0.100	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		0.282	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: May 21, 2002

Order ID Number: A02051508

Project Number: 2-0103
Project Name: Eunice Middle Plant
Project Location: N/A

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
197053	MW-1	Water	5/14/02	11:17	5/15/02
197054	MW-3	Water	5/14/02	12:19	5/15/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 197053 - MW-1

Analysis:	Hg, Total	Analytical Method:	S 7470A	QC Batch:	QC20506	Date Analyzed:	5/20/02
Analyst:	BC	Preparation Method:	N/A	Prep Batch:	PB19568	Date Prepared:	5/20/02

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 197053 - MW-1

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC20442	Date Analyzed:	5/19/02
Analyst:	RR	Preparation Method:	S 3010A	Prep Batch:	PB19458	Date Prepared:	5/16/02

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.050	mg/L	1	0.05
Total Barium		<0.100	mg/L	1	0.10
Total Cadmium		<0.005	mg/L	1	0.005
Total Chromium		0.282	mg/L	1	0.01
Total Lead		<0.010	mg/L	1	0.01
Total Selenium		<0.050	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 197054 - MW-3

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20321	Date Analyzed:	5/15/02
Analyst:	CG	Preparation Method:	N/A	Prep Batch:	PB19433	Date Prepared:	5/15/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.379	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		0.108	mg/L	5	0.001
M,P,O-Xylene		0.184	mg/L	5	0.001
Total BTEX		0.671	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0878	mg/L	5	0.10	87	70 - 130
4-BFB		0.0932	mg/L	5	0.10	93	70 - 130

Quality Control Report
Method Blank

Method Blank

QCBatch: QC20321

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0914	mg/L	1	0.10	91	70 - 130
4-BFB		0.0923	mg/L	1	0.10	92	70 - 130

Method Blank

QCBatch: QC20442

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<0.050	mg/L	0.05
Total Barium		<0.100	mg/L	0.10
Total Cadmium		<0.005	mg/L	0.005
Total Chromium		<0.010	mg/L	0.01
Total Lead		<0.010	mg/L	0.01
Total Selenium		<0.050	mg/L	0.05
Total Silver		<0.0125	mg/L	0.01

Method Blank

QCBatch: QC20506

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.0002	mg/L	0.0002

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC20321

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0909	0.0912	mg/L	1	0.10	<0.001	91	0	70 - 130	20
Benzene	0.0921	0.0953	mg/L	1	0.10	<0.001	92	3	70 - 130	20

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... Continued

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Toluene	0.093	0.0952	mg/L	1	0.10	<0.001	93	2	70 - 130	20
Ethylbenzene	0.0946	0.0953	mg/L	1	0.10	<0.001	95	1	70 - 130	20
M,P,O-Xylene	0.281	0.284	mg/L	1	0.30	<0.001	94	1	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0915	0.0948	mg/L	1	0.10	92	95	70 - 130
4-BFB	0.0926	0.0944	mg/L	1	0.10	93	94	70 - 130

Laboratory Control Spikes

QCBatch: QC20442

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Antimony	0.247	0.251	mg/L	1	0.25	<0.025	99	2	75 - 125	20
Total Arsenic	0.476	0.484	mg/L	1	0.50	<0.050	95	2	75 - 125	20
Total Barium	1.00	0.994	mg/L	1	1	<0.100	100	1	75 - 125	20
Total Beryllium	0.0242	0.024	mg/L	1	0.02	<0.0025	97	1	75 - 125	20
Total Cadmium	0.245	0.243	mg/L	1	0.25	<0.005	98	1	75 - 125	20
Total Chromium	0.101	0.0998	mg/L	1	0.10	<0.010	101	1	75 - 125	20
Total Iron	0.458	0.459	mg/L	1	0.50	<0.050	92	0	75 - 125	20
Total Lead	0.492	0.492	mg/L	1	0.50	<0.010	98	0	75 - 125	20
Total Nickel	0.249	0.250	mg/L	1	0.25	<0.025	100	0	75 - 125	20
Total Selenium	0.426	0.430	mg/L	1	0.50	<0.050	85	1	75 - 125	20
Total Silver	0.121	0.120	mg/L	1	0.12	<0.0125	97	1	75 - 125	20
Total Thallium	0.456	0.466	mg/L	1	0.50	<0.050	91	2	75 - 125	20
Total Vanadium	0.250	0.248	mg/L	1	0.25	<0.025	100	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20506

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	0.00105	0.00099	mg/L	1	0.001	<0.0002	105	5	87 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC20442

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	0.425	0.451	mg/L	1	0.50	<0.050	85	6	75 - 125	20
Total Barium	0.749	0.761	mg/L	1	1	<0.100	75	2	75 - 125	20
Total Cadmium	[1] 0.169	0.162	mg/L	1	0.25	<0.005	67	4	75 - 125	20
Total Chromium	[2] 0.0736	0.0738	mg/L	1	0.10	<0.010	73	0	75 - 125	20
Total Lead	[3] 0.362	0.357	mg/L	1	0.50	<0.010	72	1	75 - 125	20
Total Selenium	0.394	0.419	mg/L	1	0.50	<0.050	79	6	75 - 125	20
Total Silver	0.122	0.134	mg/L	1	0.12	<0.0125	98	9	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC20506

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	0.00101	0.00107	mg/L	1	0.001	<0.0002	101	5	40 - 177	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC20321

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0967	96	85 - 115	5/15/02
Benzene		mg/L	0.10	0.1	100	85 - 115	5/15/02
Toluene		mg/L	0.10	0.0989	98	85 - 115	5/15/02
Ethylbenzene		mg/L	0.10	0.0976	97	85 - 115	5/15/02
M,P,O-Xylene		mg/L	0.30	0.288	96	85 - 115	5/15/02

ICV (1)

QCBatch: QC20321

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0931	93	85 - 115	5/15/02
Benzene		mg/L	0.10	0.0964	96	85 - 115	5/15/02
Toluene		mg/L	0.10	0.0965	96	85 - 115	5/15/02
Ethylbenzene		mg/L	0.10	0.0981	98	85 - 115	5/15/02
M,P,O-Xylene		mg/L	0.30	0.292	97	85 - 115	5/15/02

[1]MS and MSD recovery low due to matrix effects of spiked sample. LCS and LCSD were within sampling parameters.
[2]MS and MSD recovery low due to matrix effects of spiked sample. LCS and LCSD were within sampling parameters.
[3]MS and MSD recovery low due to matrix effects of spiked sample. LCS and LCSD were within sampling parameters.

CCV (1) QCBatch: QC20442

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	0.50	0.495	99	90 - 110	5/19/02
Total Arsenic		mg/L	1	0.995	100	90 - 110	5/19/02
Total Barium		mg/L	2	1.98	99	90 - 110	5/19/02
Total Beryllium		mg/L	0.05	0.0491	98	90 - 110	5/19/02
Total Cadmium		mg/L	0.50	0.499	100	90 - 110	5/19/02
Total Chromium		mg/L	0.20	0.198	99	90 - 110	5/19/02
Total Iron		mg/L	1	0.966	97	90 - 110	5/19/02
Total Lead		mg/L	1	0.991	99	90 - 110	5/19/02
Total Nickel		mg/L	0.50	0.496	99	90 - 110	5/19/02
Total Selenium		mg/L	1	0.983	98	90 - 110	5/19/02
Total Silver		mg/L	0.25	0.245	98	90 - 110	5/19/02
Total Thallium		mg/L	1	0.916	92	90 - 110	5/19/02
Total Vanadium		mg/L	0.50	0.490	98	90 - 110	5/19/02

ICV (1) QCBatch: QC20442

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	0.50	0.488	98	95 - 105	5/19/02
Total Arsenic		mg/L	1	0.992	99	95 - 105	5/19/02
Total Barium		mg/L	2	1.98	99	95 - 105	5/19/02
Total Beryllium		mg/L	0.05	0.0491	98	95 - 105	5/19/02
Total Cadmium		mg/L	0.50	0.496	99	95 - 105	5/19/02
Total Chromium		mg/L	0.20	0.198	99	95 - 105	5/19/02
Total Iron		mg/L	1	0.964	96	95 - 105	5/19/02
Total Lead		mg/L	1	0.990	99	95 - 105	5/19/02
Total Nickel		mg/L	0.50	0.496	99	95 - 105	5/19/02
Total Selenium		mg/L	1	0.998	100	95 - 105	5/19/02
Total Silver		mg/L	0.25	0.245	98	95 - 105	5/19/02
Total Thallium		mg/L	1	1.01	101	95 - 105	5/19/02
Total Vanadium		mg/L	0.50	0.491	98	95 - 105	5/19/02

CCV (1) QCBatch: QC20506

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00108	108	80 - 120	5/20/02

ICV (1) QCBatch: QC20506

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00104	104	80 - 120	5/20/02

197053-54

AQ2051508

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: Mark Larson

PROJECT NO.: 2-0103

PROJECT NAME: Eunice Middle Plant

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX	PARAMETERS/METHOD NUMBER: Total Metals As, Ba	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
5-14-02	11:17	X			MW-1 197053	2	X	X		Pres. HNO_3 Filtered
	12:19	X			MW-3 197054	2	X	X		Pres. HCl

SAMPLED BY: (Signature) DATE: 5-14-02 TIME: 4:05

RELINQUISHED BY: (Signature) DATE: 5-14-02 TIME: 4:05

RECEIVED BY: (Signature) Helen Shelton DATE: 5/14/02 TIME: 1605

RELINQUISHED BY: (Signature) Helen Shelton DATE: 5/14/02 TIME: 1830

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle) Greyhound

FEDEX (BUS) UPS HAND DELIVERED AIRBILL #: OTHER:

COMMENTS:

TURNAROUND TIME NEEDED: As quick as possible without Rush charges

RECEIVING LABORATORY: Trace Analysis

ADDRESS: 6701 ABERDEEN

CITY: Lubbock STATE: TX ZIP: 79424

CONTACT: PHONE: 800-378-1296

RECEIVED BY: (Signature) Vicki Jones

DATE: 5-15-02 TIME: 10:00 am

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

SAMPLE CONDITION WHEN RECEIVED: 4°C

LA CONTACT PERSON:

SAMPLE TYPE:

FedEx 163-5460-7109-3

5/21 F/P 4 samples - HS

LARSON & ASSOCIATES, INC.

P. O. Box 50685 ◆ Midland, Texas 79710-0685

Ph. (915) 687-0901