

REPORTS



February 19, 2001

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Mr. Chris Williams New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, New Mexico 88240

SSOCIATES, Inc. Environmental Consultants

Re: Pipeline Spill Investigation, Dynegy Midstream Services. L.P., Unit Letter N, Section 29, Township 21 South, Range 37 East, Lea County, New Mexico

Dear Mr. Williams:

On November 29, 2000, Dynegy Midstream Services, L.P. (Dynegy) notified the New Mexico Oil Conservation Division (NMOCD) of a crude oil release from a pipeline drip located in Unit Letter N, Section 29, Township 21 South, Range 37 East, Lea County, New Mexico. Approximately 5 barrels was released, and Dynegy submitted a Release Notification and Corrective Action report (Form C-141) to the NMOCD in accordance with Rule 116. The release appeared to have affected soil in the immediate vicinity of the drip, and flowed along a caliche road for a short distance south of the release. Dynegy immediately removed the drip, and excavated visually stained soil to approximately 10 feet below ground surface (BGS). Soil was scraped from the roadway for about 400 feet south of the release. The soil was piled near the eastside of the roadway. Figure 1 presents a location and topographic map. Figure 2 presents a Site drawing.

Site Setting

The Site is located approximately 1.25-miles west of Eunice, New Mexico, and is situated at approximately 3470 feet above mean sea level (AMSL). The Site is covered by wind blown sand that overlies the Tertiaryage Ogallala formation. The Ogallala formation consists of unconsolidated to well-cemented sand and sandstone, interbedded with clay, silt and gravel. The Ogallala formation overlies the Triassic-age Chinle formation, commonly referred to as "red bed". The red bed consists mudstone, siltstone, sandstone, and occurs at approximately 145 feet below ground surface (BGS), according to published information (Nicholson and Clebsch, 1961).

LA contacted the New Mexico State Engineer in Roswell, New Mexico, to obtain water well information for the area (verbal communication with Mr. Johnny Hernandez, February 8, 2001). Mr. Johnny Hernandez stated that a declaration for water appropriations had been filed in 1965 for approximately 10.7-acre feet of water in the SW/4, SW/4. Section 29, Township 21 South, Range 37 East, and was designated for irrigation and domestic use. Mr. Hernandez said that the State Engineer had no correspondence in its file indicating that a well was present or in use. The State Engineer notified the well owner in 1993, and required a meter to be set at the well, and submittal of annual reports to document water usage. No response was received from the well owner, and no annual reports were submitted.

Published information suggests that groundwater occurs between approximately 105 to 125 feet BGS in the vicinity of the Site (Nicholson and Clebsch, 1961). No surface water bodies were identified within 1,000 feet of the Site based on a review of the U.S.G.S. 7.5-minute series quadrangle map (Eunice, New Mexico).

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Current Investigations

On December 5, 2000, personnel of Larson and Associates, Inc. (LA) collected soil samples from the excavation, roadway and pile. Composite soil samples were collected from each side and the bottom of the excavation. Each composite sample consisted of 4 to 5 grab samples. Composite soil samples (Comp. #1 and Comp. #2) were collected along the roadway from the release to about 400 feet south of the Site. Each composite sample consisted of five grab samples collected from 0 to 6 inches BGS for about 200 linear feet of roadway. A composite sample consisting of four grab samples was also collected from the pile. The samples were collected using a stainless steel sample trowel, placed in clean glass sample containers, labeled, placed in an ice chest, chilled, and transferred under chain-of-custody control to Trace Analysis, Inc., located in Lubbock, Texas. The sample trowel was thoroughly washed between sample events using laboratory-grade detergent, and rinsed with distilled water.

A portion of each sample was retained in a sealed plastic sample bag for headspace analysis using a photoionization detector (PID). The PID measures the ionization potential of hydrocarbon vapors in the headspace of the bag, and may be substituted for a laboratory analysis for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) if the PID reading is below 100 parts per million (ppm). The PID was calibrated to isobutylene. The laboratory analyzed all samples for chloride, and total petroleum hydrocarbons (TPH), including gasoline range organics (GRO) and diesel range organics (DRO). Samples from the north, south, west and bottom of the excavation, and pile recorded PID readings above 100 ppm, and were tested for BTEX. Table 1 presents a summary of the PID and laboratory analyses. Appendix A presents the laboratory report.

Referring to Table 1, TPH was not reported above the test method detection limit of 0.55 milligrams per kilogram (mg/kg) in the sample from the east side of the excavation. Samples from the north, west, south, and bottom of the excavation recorded TPH values of 149 mg/kg, 211 mg/kg, 997 mg/kg and 1913 mg/kg, respectively. The highest benzene and total BTEX concentrations were reported in the sample from the bottom of the excavation, and were reported at 0.46 mg/kg and 42.59 mg/kg, respectively. Soil samples from the roadway reported TPH concentrations of 4123.3 mg/kg (Comp. #1) and 444.2 mg/kg (Comp. #2). Chloride values ranged from 16 mg/kg in the sample from the north side of the excavation to 430 mg/kg in the sample from the bottom.

Remediation action levels for benzene, total BTEX and TPH were calculated in accordance with NMOCD guidelines ("Guidelines for Rmediation of Leaks, Spills and Releases, August 13, 1993"). Remediation levels for benzene, total BTEX and TPH were calculated using the following risk-based criteria:

Criteria	Result	Ranking Score
Depth-to-Groundwater	50 – 99 Feet	10
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1000 Horizontal Feet	0
		Total Score: 10

The NMOCD recommended remediation action levels for benzene, total BTEX and TPH are as follows:Benzene10 mg/kg

Total BTEX50 mg/kgTPH1000 mg/kg

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Concentrations of benzene and total BTEX in soil samples from the excavation and pile were below the NMOCD recommended remediation action levels of 10 mg/kg and 50 mg/kg, respectively. Concentrations of TPH exceeded the recommended remediation action level of 1,000 mg/kg in soil samples from the bottom of the excavation (1913 mg/kg), roadway (4123 mg/kg) and pile (7343 mg/kg). The NMOCD does not have a published remediation action level for chloride, however, chloride levels reported in the soil samples from the excavation, roadway and pile were generally below the domestic water quality standard of 250 milligrams per liter (mg/L) established by the New Mexico Water Quality Control Commission (NMWQCC). The highest chloride value was reported in the sample from the bottom of the excavation (430 mg/kg).

Dynegy proposes to excavate additional soil from the bottom of the excavation, and scrape soil from the roadway south of the release (corresponding with sample area Comp. #1) to reduce TPH levels below 1,000 mg/kg. The soil will be blended with soil originally removed from the excavation, roadway and pile to achieve 1000 mg/kg TPH. The blended soil will be used to fill the excavation and level the roadway. A composite soil sample will be collected from each area following removal of the additional soil, and analyzed for TPH. The blended soil will also be tested for TPH prior to filling the excavation and leveling the roadway. A final report will be submitted to the NMOCD, and will include laboratory analyses from the soil samples.

Please call Mr. Cal Wrangham at (915) 688-0555 or myself at (915) 687-0901 if you have questions.

Respectfully yours, Larson & Associates, Inc.

Mark J. Larson, CPG, CGWP President

Encl.

cc:

Mr. Cal Wrangham - Dynegy Mr. Dave Harris – Dynegy Mr. Bill Olson – NMOCD – Santa Fe

TABLES

Table 1: Summary of Headspace and Laboratory Analyses of Soil Samples Dynegy Midstream Services, L.P. SE/4, SW/4 Section 29, Township 21 South, Range 37 East Lea County, New Mexico

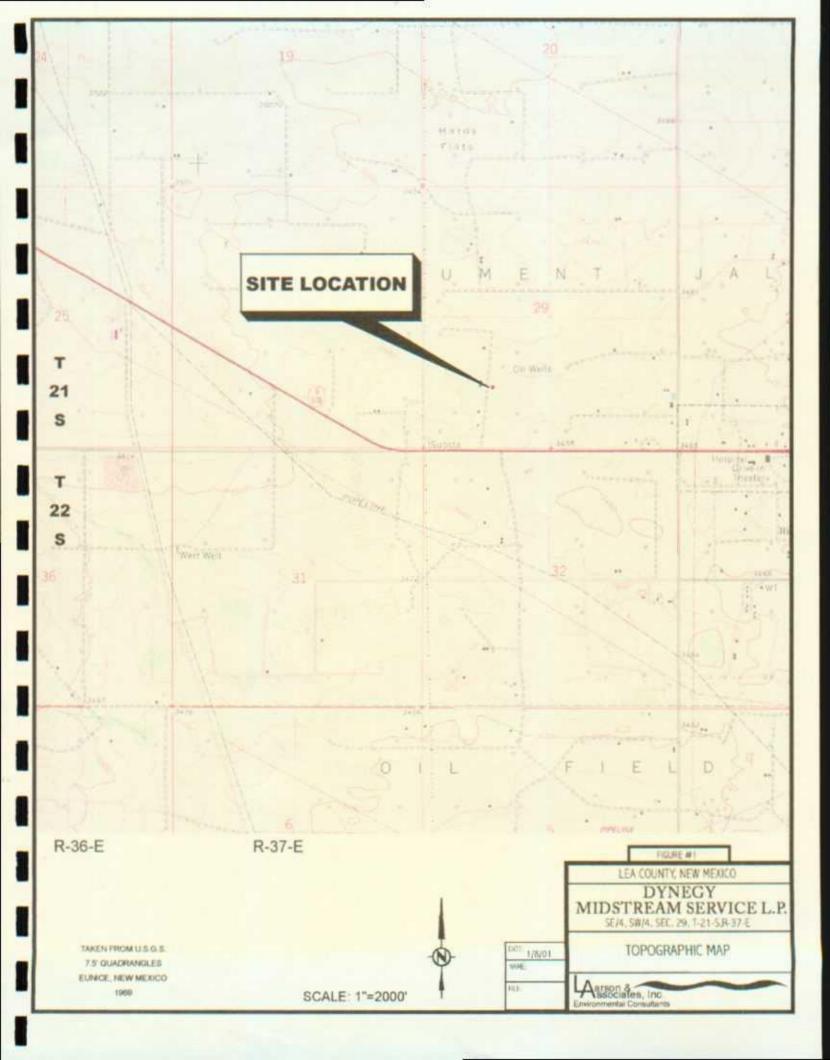
	•												Page 1 of 1
Site	Sample	Sample	Sample	ald	GRO	DRO	HAT	Benzene	Toluene	Ethylbenzene	Xylene	BTEX	Chloride
Number	Area	Number	Date	(mdd)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
6	Excavation	North	06-Dec-00	173.3	Ş		149	<0.05	<0.05	<0.05	<0.05	<0.20	16
		South	06-Dec-00	501.2	113	884	266	0.055	1.76	0.477	7.89	10.182	28
		East	06-Dec-00	14.2	\$	<50	<55	I	ł	ł	;	:	22
		West	06-Dec-00	137.5	Ŷ	211	211	<0.05	<0.05	<0.05	0.61	0.61	17
		Bottom	06-Dec-00	187.4	293	1620	1913	0.46	10.6	1.33	30.2	42.59	430
	Lease Road	Comp. #1	06-Dec-00	38.6	73.3	4050	4123.3	ł	1	I	1	1	110
		Comp. #2	06-Dec-00	43.3	20.2	424	444.2	ł	1	I	ł	1	80
	Pile	Pile	06-Dec-00	470.3	353	0669	7343	0.137	7.42	2.22	32.7	42.477	83
Notes:	Analysis ner	-formed hv T	Analysis norformed by Trace Analysis Inc. 1.1	r Inc I uhb	thhock Teyas								

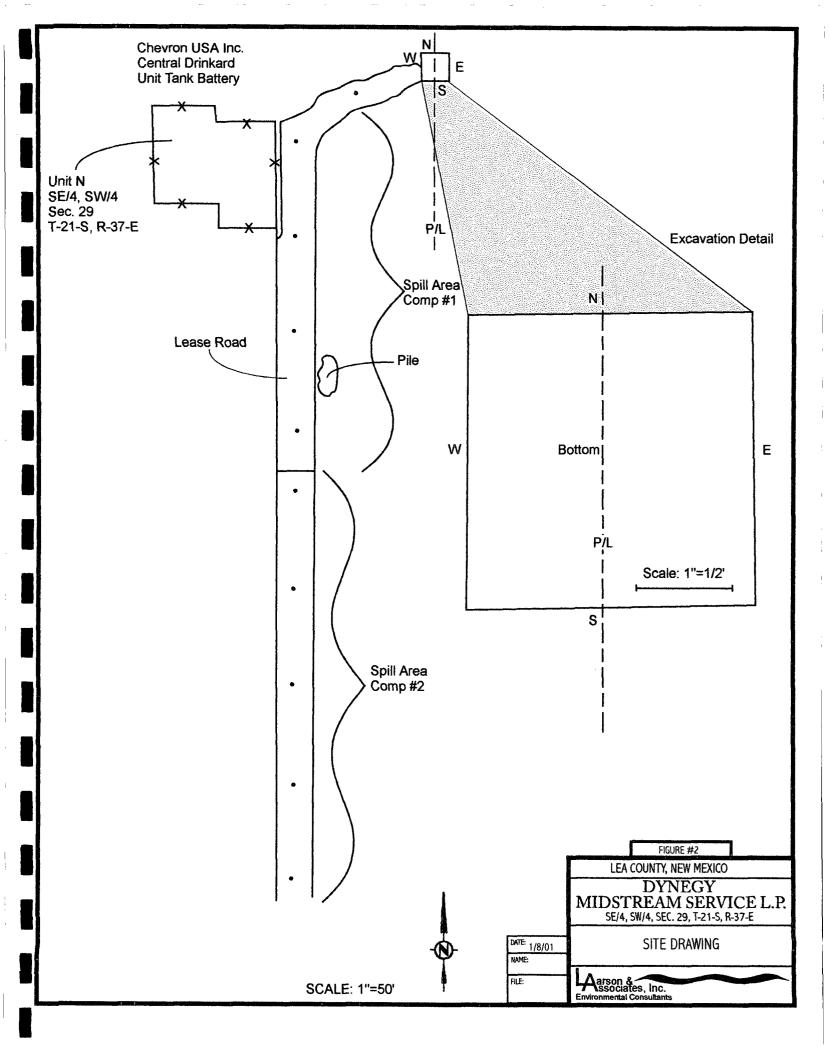
Analysis performed by Trace Analysis, Inc., Lubbock, Texas Notes:

- PID: Measurement by photoionization detector
 ppm: Parts per million
 DRO: Diesel-range petroleum hydrocarbons
 GRO: Gasoline-range petroleum hydrocarbons
 TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
 mg/kg Milligrams per kilogram
 -: No data available
 <: Below method detection limit

FIGURES

2501 Learmont Drive ♦ Midland, Texas 79705 ♦ Ph. (915) 687-0901 ♦ Fax (915) 687-0456





APPENDIX A

Laboratory Reports

2501 Learmont Drive ♦ Midland, Texas 79705 ♦ Ph. (915) 687-0901 ♦ Fax (915) 687-0456

6701 Aberdeen Avenue, Suite 9 806 • 794 • 1296 Lubbock, Texas 79424 FAX 806 • 794 • 1298

4725 Ripley Avenue, Suite A

800 • 378 • 1296 El Paso, Texas 79922 888•588•3443 E-Mail: lab@traceanalysis.com 915•585•3443

FAX 915•585•4944

Analytical and Quality Control Report

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

Report Date:

December 18, 2000

Order ID Number: A00120818

Project Number: 00-0120 Project Name: Dynegy Site 7 Project Location: Lea County, NM

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
160327	Comp. #1	Soil	12/6/00	16:20	12/8/00
160328	Comp #2	Soil	12/6/00	16:30	12/8/00
160329	North	Soil	12/6/00	16:40	12/8/00
160330	West	Soil	12/6/00	16:45	12/8/00
160331	East	Soil	12/6/00	16:50	12/8/00
160332	South	Soil	12/6/00	16:55	12/8/00
160333	Bottom	Soil	12/6/00	17:00	12/8/00
160334	Pile	Soil	12/6/00	17:05	12/8/00

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.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

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Analytical and Quality Control Report

Analysis: Analyst:		Comp. #1 tography (IC) Analytica Preparatio	l Method: on Method:	E 300.0QC B N/A Prep	•	7411Date Analyzed 6466Date Prepared	
Param	Flag	Result Ur	nits	Dilution			RDL
CL		110 mg	/Kg	1			0.50
Sample: Analysis: Analyst:	160327 - TPH DRO BP	Comp. #1 Analytical Method: Preparation Method:	Mod. 80151 3550 B	B QC Batch: Prep Batch	•	Date Analyzed: Date Prepared:	12/17/00 12/17/00
Param	Flag	Result	Units	D	Dilution		RDL
DRO		4050	mg/Kg	r S	2		50
Analyst: Param GRO	RC Flag	Preparation Method Result	Units		PB06409 Pilution	Date Prepared:	12/12/00 RDI
	160328 -	73.2 Comp #2	mg/Kg	r 5	1		. 0.10
Sample: Analysis: Analyst:	Ion Chroma JS	Comp #2 tography (IC)Analytica Preparati	l Method: on Method:	E 300.0QC E N/A Prep	Batch: QC0	7411Date Analyzed 6466Date Prepared	1:12/11/00
Sample: Analysis: Analyst: Param	Ion Chroma	Comp #2 tography (IC)Analytica Preparati Result Ui	l Method: on Method: nits	E 300.0QC E N/A Prep Dilution	Batch: QC0		1:12/13/00 1:12/11/00 RDI
Sample: Analysis: Analyst: Param	Ion Chroma JS	Comp #2 tography (IC)Analytica Preparati Result Ui	l Method: on Method:	E 300.0QC E N/A Prep	Batch: QC0		1:12/13/00 1:12/11/00 RDI
Sample: Analysis: Analyst:	Ion Chroma JS Flag	Comp #2 tography (IC)Analytica Preparati Result Ui	l Method: on Method: nits	E 300.0QC E N/A Prep Dilution 1	Batch: QC0 Batch: PB0		d:12/13/00
Sample: Analysis: Analyst: Param CL Sample: Analysis:	Ion Chroma JS Flag 160328 - TPH DRO BP	Comp #2 tography (IC) Analytica Preparati Result Un 80 mg Comp #2 Analytical Method:	l Method: on Method: nits /Kg Mod. 8015	E 300.0 QC E N/A Prep Dilution 1 B QC Batch: Prep Batch	Batch: QC0 Batch: PB0	6466 Date Prepared	1:12/13/00 1:12/11/00 RDI 0.50
Sample: Analysis: Analyst: Param CL Sample: Analysis: Analysis:	Ion Chroma JS Flag 160328 - TPH DRO	Comp #2 tography (IC) Analytica Preparati Result Un 80 mg Comp #2 Analytical Method: Preparation Method:	l Method: on Method: hits /Kg Mod. 8015: 3550 B	E 300.0 QC E N/A Prep Dilution 1 B QC Batch: Prep Batch	atch: QC0 Batch: PB0 	6466 Date Prepared	d: 12/13/00 d: 12/11/00 RDI 0.50 12/11/00 12/11/00 RDI
Sample: Analysis: Analyst: Param CL Sample: Analysis: Analysis: Param DRO Sample: Analysis:	Ion Chroma JS Flag 160328 - TPH DRO BP Flag	Comp #2 tography (IC) Analytica Preparati Result Un 80 mg Comp #2 Analytical Method: Preparation Method: Result	l Method: on Method: nits /Kg Mod. 8015 3550 B Units mg/Ka	E 300.0 QC E N/A Prep Dilution 1 B QC Batch: Prep Batch	Batch: QC0 Batch: PB0 : QC07338 h: PB06394 Dilution	6466 Date Prepared	d: 12/13/00 d: 12/11/00 RDI 0.50 12/11/00 12/11/00 RDI 50 12/12/0
Sample: Analysis: Analyst: Param CL Sample: Analysis: Analysis: Param	Ion Chroma JS Flag 160328 - TPH DRO BP Flag 160328 - TPH GRO	Comp #2 tography (IC) Analytica Preparati Result Un 80 mg Comp #2 Analytical Method: Preparation Method: Result 424 Comp #2 Analytical Method:	l Method: on Method: nits /Kg Mod. 8015 3550 B Units mg/Ka	E 300.0 QC E N/A Prep Dilution 1 B QC Batch: Prep Batch: g QC Batch: Prep Batch:	atch: QC0 Batch: PB0 : QC07338 h: PB06394 Dilution 1 QC07354	6466 Date Prepared Date Analyzed: Date Prepared: Date Analyzed:	d: 12/13/00 d: 12/11/00 RDI 0.50 12/11/00 12/11/00

bd: S 8021B hod: 5035 <u>Result</u> <0.05 <0.05 <0.05 <0.05 <0.05 Units mg/Kg	QC Batch: Prep Batch Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	n: PB06408 I S S S S	Date Analyzed: Date Prepared: Dilution 50 50	12/12/0 12/12/0 RDI
< 0.05 < 0.05 < 0.05 < 0.05 < 0.05	mg/Kg mg/Kg mg/Kg mg/Kg	5	50 50	
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<0.05 <0.05 <0.05 Units	mg/Kg mg/Kg	5		0.00
<0.05 <0.05 Units	mg/Kg	5		0.00
<0.05 Units	+		50 50	0.00
Units		•	50 50	0.00
		<u>.</u>		0.00
	D .1.	Spike	Percent	Recovery
mg/kg	Dilution	Amount	Recovery	Limits
mg/Kg	1 1	0.10	97 100	72 - 128 72 - 128
•				
-	,		·	RDI
				1001
mg/Kg	1		· · · · · · · · · · · · · · · · · · ·	0.50
:hod: Mod. 8 ethod: 3550 B	3015B QC Ba Prep B	Batch: PB063		12/11/0 12/11/0
thod: Mod. 8 ethod: 3550 B It U	3015B QC Ba	-	•	12/11/0
thod: Mod. 8 ethod: 3550 B It U	3015B QC Ba Prep B Jnits g/Kg	Batch: PB063 Dilution 1 	94 Date Prepared:4 Date Analyzed:	12/11/00 12/11/00 RDI
thod: Mod. 8 ethod: 3550 B t <u>t U</u> 9 ma ethod: Mod. fethod: N/A	8015B QC Ba Prep B Jnits g/Kg 602 QC Bata	Batch: PB063 Dilution 1 	94 Date Prepared:4 Date Analyzed:	12/11/0 12/11/0 RDI 5 12/12/0
	eparation Meth Units	eparation Method: N/A P	eparation Method: N/A Prep Batch: P	eparation Method: N/A Prep Batch: PB06466 Date Prepare

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		18, 2000	(nber: A00120 legy Site 7		Page Num Lea (County, N
Surrogate	Flag	Result	Units	Di	lution	Spike Amount	Percent Recovery	Recover Limits
TFT		4.72	mg/Kg		1	0.10	94	-72 - 128
4-BFB		4.32	mg/Kg		1	0.10	86	72 - 128
Sample:	160330 -	West						
Analysis: Analyst:	Ion Chroma JS	tography (IC)An	nalytical Me eparation M		E 300.0QC I N/A Prep	•	7411Date Analyzed 6466Date Prepared	, ,
undry St.		11	eparation is	actiou.	IV/A TTep	Daton. I DO	0400 Date 1 Teparet	. 12/11/0
Param	Flag	Result	Units		Dilution			RD
CL		17	mg/Kg		1			0.5
~ .								
Sample:	160330 -		, , ,,			0.0079990		10/11/0
Analysis: Analyst:	TPH DRO BP	Analytical Met Preparation M		od. 8015B 50 B	•	•	Date Analyzed:	$\frac{12}{11}$
Analyst:	BP	Preparation M	etuoa: 399	D0 B	Prep Bate	cn: PB00394	Date Prepared:	12/11/0
Param	Flag	Resul	t	Units]	Dilution		RD
DRO		21	1	mg/Kg		1		5
Param GRO	Flag	Resul		Units mg/Kg]	Dilution 1		RD
								0.1
	1 200 0 1		<u> </u>	1118/118				0.1
Analysis:		East stography (IC)A	nalytical M	ethod:	E 300.0QC		7411Date Analyze	d:12/13/0
Analysis:		East stography (IC)A		ethod:	-		7411Date Analyze 6466Date Prepared	d:12/13/0
Analysis: Analyst: Param	Ion Chroma	East atography (IC)Ar Pr Result	nalytical Mo eparation M Units	ethod: Method:	-			d:12/13/0 l:12/11/0 RD
Sample: Analysis: Analyst: Param CL	Ion Chroma JS	East atography (IC)Ar Pr	nalytical M eparation N	ethod: Method:	N/A Prep			d:12/13/0 l:12/11/0 RD
Analysis: Analyst: Param CL	Ion Chroma JS	East atography (IC) An Pr Result 22	nalytical Mo eparation M Units	ethod: Method:	N/A Prep Dilution			d:12/13/0 l:12/11/0 RD
Analysis: Analyst: Param	Ion Chroma JS Flag 160331 - TPH DRO	East tography (IC) Ar Pr Result 22 East Analytical Met	nalytical Mo eparation Mo Units mg/Kg chod: Mo	ethod: Method:	N/A Prep Dilution 1 QC Batch	9 Batch: PB0	6466 Date Prepared	d: 12/13/0 l: 12/11/0 RD 0.5 12/11/0
Analysis: Analyst: Param CL Sample:	Ion Chroma JS Flag 160331 -	East atography (IC) An Pr Result 22 East	nalytical Mo eparation Mo Units mg/Kg chod: Mo	ethod: Method:	N/A Prep Dilution	9 Batch: PB0	6466 Date Prepared	d: 12/13/0 l: 12/11/0 RD 0.5 12/11/0
Analysis: Analyst: Param CL Sample: Analysis: Analyst:	Ion Chroma JS Flag 160331 - TPH DRO	East tography (IC) Ar Pr Result 22 East Analytical Met	nalytical Me reparation M Units mg/Kg chod: Me chod: 35	ethod: Method:	N/A Prep Dilution 1 QC Batch Prep Bat	9 Batch: PB0	6466 Date Prepared	l: 12/13/0 l: 12/11/0 RD 0.5 12/11/0 12/11/0
Analysis: Analyst: Param CL Sample: Analysis:	Ion Chroma JS Flag 160331 - TPH DRO BP	East atography (IC) An Pr Result 22 East Analytical Met Preparation M	nalytical Me eparation M Units mg/Kg thod: Me thod: 35	ethod: Method:	N/A Prep Dilution 1 QC Batch Prep Batch	Batch: PB0 n: QC07338 ch: PB06394	6466 Date Prepared	d:12/13/0
Analysis: Analyst: Param CL Sample: Analysis: Analyst: Param DRO	Ion Chroma JS Flag 160331 - TPH DRO BP Flag	East Atography (IC) An Pr Result 22 East Analytical Met Preparation M Result <5	nalytical Me eparation M Units mg/Kg thod: Me thod: 35	ethod: Method:	N/A Prep Dilution 1 QC Batch Prep Batch	Batch: PB0 n: QC07338 ch: PB06394 Dilution	6466 Date Prepared	d: 12/13/0 l: 12/11/0 RD 0.5 12/11/0 12/11/0 RD
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<i>Continue</i> Param	ed Sample: Flag	160331 Analysis: Result		nits	Dilution		RDI
Param	Flag	Result	TI	nits	Dilution		RDI
GRO	1 145			/Kg	1		0.10
				<u>, </u>		· · · · · · · · · · · · · · · · · · ·	
Sample:	160332 - BTEX		C 0001 D		OCORDED		10/10/00
Analysis: Analyst:	RC	Analytical Method: Preparation Method	S 8021B : 5035	QC Batch: Prep Batch:	QC07353 PB06408	Date Analyzed: Date Prepared:	$\frac{12}{12}$
Param		Flag	Result	Units	D	ilution	RDI
Benzene			0.055	mg/Kg		50	0.00
Toluene			1.76	mg/Kg		50	0.00
Ethylbenzer			0.477	mg/Kg		50	0.00
M,P,O-Xyle			7.89	mg/Kg		50	0.00
Total BTEX	X	·····	10.2	mg/Kg		50	0.00
					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
TFT		4.63	mg/Kg	1	0.10	93	72 - 128
4-BFB		EQE	177		0.10		70 100
Analysis:	160332 - Ion Chrom JS	• South atography (IC)Analy	mg/Kg rtical Method ration Metho			117 C07411Date Analyze 306466 Date Prepared	d:12/13/0
Analysis: Analyst: Param	Ion Chrom	• South atography (IC)Analy Prepa Result	rtical Method tration Metho Units	l: E 300.0QC od: N/A Pre Dilution	C Batch: Q	C07411Date Analyze	d:12/13/0 1:12/11/0 RD
Analysis: Analyst: Param	Ion Chrom JS	• South atography (IC) Analy Prepa	rtical Method aration Metho	l: E 300.0QC od: N/A Pre	C Batch: Q	C07411Date Analyze	d:12/13/0 d:12/11/0 RDI
Analysis: Analyst: Param CL	Ion Chrom JS	- South atography (IC) Analy Prepa Result 28	rtical Method tration Metho Units	l: E 300.0QC od: N/A Pre Dilution	C Batch: Q	C07411Date Analyze	d:12/13/0 d:12/11/0 RD1
Analysis: Analyst: Param CL Sample: Analysis:	Ion Chrom JS Flag	• South atography (IC) Analy Prepa Result 28 • South	tical Method tration Metho <u>Units</u> mg/Kg d: Mod. 80	l: E 300.0QC od: N/A Pre Dilution 1	CBatch: Quep Batch: Pl	C07411Date Analyze 306466Date Prepare 38 Date Analyzed:	d:12/13/0 d:12/11/0
Analysis: Analyst: Param CL Sample: Analysis: Analyst: Param	Ion Chrom JS Flag 160332 - TPH DRO	• South atography (IC) Analy Prepa Result 28 • South Analytical Method Preparation Meth Result	tical Method ration Metho Units mg/Kg d: Mod. 8 od: 3550 B	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba nits	C Batch: Quep Batch: Pl ep Batch: Pl ch: QC073: ttch: PB0633 Dilution	C07411Date Analyze 306466Date Prepare 38 Date Analyzed:	d:12/13/0 d:12/11/0 RD1 0.5 12/11/0 12/11/0 RD1
Analysis: Analyst: Param CL Sample: Analysis: Analyst: Param	Ion Chrom JS Flag 160332 - TPH DRO BP	• South atography (IC) Analy Prepa Result 28 • South Analytical Method Preparation Meth	tical Method ration Metho Units mg/Kg d: Mod. 8 od: 3550 B	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba	C Batch: Quep Batch: Pl p Batch: Pl ch: QC0733 ttch: PB0639	C07411Date Analyze 306466Date Prepare 38 Date Analyzed:	d:12/13/0 d:12/11/0 RD 0.5 12/11/0 12/11/0 RD
Analysis: Analyst: Param CL Sample: Analysis: Analyst: Param DRO Sample:	Ion Chrom JS Flag 160332 - TPH DRO BP Flag 160332 -	• South atography (IC) Analy Prepa Result 28 • South Analytical Method Preparation Meth Result 884 • South	tical Method ration Metho <u>Units</u> mg/Kg d: Mod. 80 od: 3550 B <u>U</u> mg	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba nits 5/Kg	2 Batch: Quep Batch: Pl ch: QC073 ttch: PB0639 Dilution 1	C07411Date Analyze 306466Date Prepared 38 Date Analyzed: 34 Date Prepared:	d: 12/13/0 d: 12/11/0 RD 0.5 12/11/0 12/11/0 RD 5
Analysis: Analyst: Param CL Sample: Analysis: Analyst: Param DRO Sample: Analysis:	Ion Chrom JS Flag 160332 - TPH DRO BP Flag	• South atography (IC) Analy Prepa Result 28 • South Analytical Method Preparation Meth Result 884 • South	rtical Method ration Metho Units mg/Kg d: Mod. 80 od: 3550 B U mg	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba nits 5/Kg	2 Batch: Quep Batch: Pl p Batch: Pl ch: QC0733 ttch: PB0639 Dilution 1 QC07354	C07411Date Analyze 306466Date Prepare 38 Date Analyzed:	d: 12/13/00 d: 12/11/00
Analysis: Analysis: Param CL Sample: Analysis: Analyst: Param DRO Sample: Analysis: Analysis: Analysis: Param	Ion Chrom JS Flag 160332 - TPH DRO BP Flag 160332 - TPH GRO	 South atography (IC) Analy Prepa Result 28 South Analytical Method Preparation Meth Result 884 South Analytical Meth Preparation Meth Preparation Meth Result 	rtical Method ration Metho Units mg/Kg d: Mod. 80 od: 3550 B U mg od: 8015B shod: N/A	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba 5/Kg 3 QC Batch: Prep Batch nits	2 Batch: Quep Batch: Pl p Batch: Pl ch: QC0733 ttch: PB0639 Dilution 1 QC07354	207411Date Analyze 306466Date Prepared 38 Date Analyzed: 34 Date Prepared: 54 Date Analyzed:	1: 12/11/0 RDI 0.5 12/11/0 12/11/0 RDI 5 12/12/0 12/12/0 RDI
Analysis: Analysis: Param CL Sample: Analysis: Analyst: Param DRO Sample: Analysis: Analysis: Analysis: Param	Ion Chrom JS Flag 160332 - TPH DRO BP Flag 160332 - TPH GRO RC	 South atography (IC) Analy Prepa Result 28 South Analytical Method Preparation Meth Result 884 South Analytical Meth Preparation Meth 	rtical Method ration Metho Units mg/Kg d: Mod. 80 od: 3550 B U mg od: 8015B shod: N/A	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba style Kg C Batch: Prep Batch	2 Batch: Quep Batch: Pl ep Batch: Pl ch: QC0733 ttch: PB0633 Dilution 1 QC07354 h: PB06409	207411Date Analyze 306466Date Prepared 38 Date Analyzed: 34 Date Prepared: 54 Date Analyzed:	d: 12/13/00 d: 12/11/00 RDI 0.50 12/11/00 12/11/00 RDI 5 12/12/0 12/12/0 12/12/0
Sample: Analysis: Analyst: Param CL Sample: Analysis: Analysis: Analysis: Analysis: Analysis: Analysis: Analysis: Param GRO Sample:	Ion Chrom JS Flag 160332 - TPH DRO BP Flag 160332 - TPH GRO RC Flag	 South atography (IC) Analy Prepa Result 28 South Analytical Method Preparation Meth Result 884 South Analytical Meth Preparation Meth Result 113 	rtical Method ration Metho Units mg/Kg d: Mod. 80 od: 3550 B U mg od: 8015B shod: N/A	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba 5/Kg 3 QC Batch: Prep Batch nits	2 Batch: Quep Batch: Pl ep Batch: Pl ch: QC0735 ttch: PB0639 Dilution 1 QC07354 h: PB06409 Dilution	207411Date Analyze 306466Date Prepared 38 Date Analyzed: 34 Date Prepared: 54 Date Analyzed:	d: 12/13/0 d: 12/11/0 RDI 0.5 12/11/0 12/11/0 RD 5 12/12/0 12/12/0 RD
Analysis: Analysis: Param CL Sample: Analysis: Analyst: Param DRO Sample: Analysis: Analysis: Analysis: Param	Ion Chrom JS Flag 160332 - TPH DRO BP Flag 160332 - TPH GRO RC Flag	 South atography (IC) Analy Prepa Result 28 South Analytical Method Preparation Meth Result 884 South Analytical Meth Preparation Meth Preparation Meth Result 	tical Method ration Metho Units mg/Kg d: Mod. 80 od: 3550 B U mg od: 8015B hod: N/A U mg S 8021B	l: E 300.0QC od: N/A Pre Dilution 1 015B QC Bat Prep Ba 5/Kg 3 QC Batch: Prep Batch nits	2 Batch: Quep Batch: Pl ep Batch: Pl ch: QC0735 ttch: PB0639 Dilution 1 QC07354 h: PB06409 Dilution	207411Date Analyze 306466Date Prepared 38 Date Analyzed: 34 Date Prepared: 54 Date Analyzed:	d: 12/13/0 d: 12/11/0 RD 0.5 12/11/0 12/11/0 RD 5 12/12/0 12/12/0 RD

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00-0120	e: December	18, 2000	Orde	er Number: A0012 Dynegy Site 7	20818	-	nber: 6 of 1 County, NI
Param		Flag	Result	Units	D	ilution	RD
Benzene			0.46	mg/Kg		50	0.00
Foluene			10.6	mg/Kg		50	0.00
Ethylbenzen	e		1.33	8/8 mg/Kg		50	0.00
ví,P,O-Xyler			30.2	mg/Kg		50	0.00
fotal BTEX			42.6	mg/Kg		50 50	0.00
			42.0	mg/ Kg			0.00
					Spike	Percent	Recover
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
ſFT		4.45	mg/Kg	1	0.10	89	72 - 128
1-BFB	1	10.3	mg/Kg	1	0.10	103	72 - 128
Sample: Analysis: Analyst:	160333 - Ion Chroma JS	tography (IC)A	nalytical Metho reparation Meth			C07411Date Analyze 806466Date Prepare	
Param	Flag	Result	Units	Dilution	<u> </u>		RD
CL -		430	mg/Kg	1		,	0.5
Sample: Analysis: Analyst:	160333 - TPH DRO BP	Bottom Analytical Me Preparation M		•	•		, ,
Analysis: . Analyst: Param	TPH DRO	Analytical Me Preparation M Resu	lethod: 3550 E	Prep Bat	tch: PB0639 Dilution		12/11/0 RD
Analysis:	TPH DRO BP	Analytical Me Preparation M	lethod: 3550 E	Prep Bat	tch: PB0639		12/11/0 RD
Analysis: Analyst: Param DRO Sample:	TPH DRO BP Flag 160333 -	Analytical Me Preparation M Resu 162 Bottom	lethod: 3550 E 20 m	Prep Bat	tch: PB0639 Dilution 1	4 Date Prepared:	12/11/0 RD 5
Analysis: Analyst: Param DRO Sample: Analysis:	TPH DRO BP Flag	Analytical Me Preparation M Resu 162	lethod: 3550 E	B Prep Bat	ch: PB0639 Dilution 1 QC07354		12/11/0 RD
Analysis: Analyst: Param DRO Sample: Analysis: Analyst:	TPH DRO BP Flag 160333 - TPH GRO	Analytical Me Preparation M Resu 162 Bottom Analytical M	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A	B Prep Bat	ch: PB0639 Dilution 1 QC07354	4 Date Prepared: Date Analyzed:	12/11/0 RD 5 12/12/0 12/12/0
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param	TPH DRO BP Flag 160333 - TPH GRO RC	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A lt U	B Prep Bat Jnits g/Kg B QC Batch: Prep Batch:	Ch: PB0639 Dilution 1 QC07354 PB06409	4 Date Prepared: Date Analyzed:	12/11/0 RD 5 12/12/0 12/12/0 RD
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis:	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A lt U 3 m od: S 8021B	B QC Batch: Prep Bat	ch: PB0639 Dilution 1 QC07354 PB06409 Dilution	4 Date Prepared: Date Analyzed:	12/11/0 RD 5 12/12/0 12/12/0 RD 0.1
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis: Analysis: Analysis:	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A lt U 3 m od: S 8021B	Prep Bat Jnits .g/Kg B QC Batch: Prep Batch: Jnits .g/Kg QC Batch:	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Analyzed:	12/11/0 RD 5 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis: Analysis: Analyst: Param	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth Preparation Meth	Iethod: 3550 B lt U 20 m 20 m Iethod: 80151 Method: N/A lt U 03 m od: S 8021B ihod: 5035	B QC Batch: Prep Batch: Prep Batch: Jnits g/Kg QC Batch: Prep Batch:	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Analyzed: Date Prepared:	12/11/0 RD 5 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0 RD
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis: Analysis: Analysis: Analyst: Param Benzene	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth Preparation Meth	lethod: 3550 E lt U 20 m 20 m Iethod: 80151 Method: N/A lt U 03 m od: S 8021B chod: 5035 Result 0.137	B QC Batch: Prep Batch: Prep Batch: Jnits Jnits g/Kg QC Batch: Prep Batch: Prep Batch: Units Mg/Kg	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Analyzed: Date Prepared: ilution	12/11/0 RD 5 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0 12/12/0 RD 0.00
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis: Analysis: Analysis: Analyst: Param Benzene Foluene	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX RC	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth Preparation Meth	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A lt U 3 m od: S 8021B chod: 5035 Result 0.137 7.42	B QC Batch: Prep Batch: Prep Batch: Jnits Ig/Kg QC Batch: Prep Batch: Prep Batch: Drep Batch: Mrep Batch: Mrep Batch:	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Prepared: ilution 50 50	12/11/0 RD 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0 12/12/0 RD 0.00 0.00
Analysis: Analyst: Param DRO Sample: Analysis: Analyst: Param GRO Sample: Analysis: Analysis: Analyst: Param Benzene Toluene Ethylbenzen	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX RC	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth Preparation Meth	Iethod: 3550 E lt U 20 m 20 m Iethod: 80151 Method: N/A lt U 03 m od: S 8021B chod: 5035 Result 0.137 7.42 2.22	B QC Batch: Prep Batch: Prep Batch: Jnits g/Kg QC Batch: Prep Batch: Prep Batch: Units mg/Kg mg/Kg	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Prepared: ilution 50 50 50	12/11/0 RD 5 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0 12/12/0 0.00 0.00 0.00
Analysis: . Analyst: Param	TPH DRO BP Flag 160333 - TPH GRO RC Flag 160334 - BTEX RC	Analytical Me Preparation M Resu 162 Bottom Analytical M Preparation Resu 29 Pile Analytical Meth Preparation Meth	lethod: 3550 E lt U 20 m lethod: 8015 Method: N/A lt U 3 m od: S 8021B chod: 5035 Result 0.137 7.42	B QC Batch: Prep Batch: Prep Batch: Jnits Ig/Kg QC Batch: Prep Batch: Prep Batch: Drep Batch: Mrep Batch: Mrep Batch:	cch: PB0639 Dilution 1 QC07354 PB06409 Dilution 1 QC07353 PB06408	4 Date Prepared: Date Analyzed: Date Prepared: Date Prepared: ilution 50 50	12/11/0 12/11/0 RD 5 12/12/0 12/12/0 RD 0.1 12/12/0 12/12/0 12/12/0 0.00 0.00 0.00 0.00 0.00 0.00

¹Sample out of limits due to matrix.

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Report Dat 00-0120	e: December	18, 2000		Number: A00 Dynegy Site 7		Page Num Lea (ber: 7 of 1 County, NI
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recover: Limits
TFT 4-BFB	2	$\begin{array}{c} 4.38\\ 7.11\end{array}$	mg/Kg mg/Kg	1 1	0.10 0.10	87 142	72 - 128 72 - 128
Sample: Analysis: Analyst: Param CL	160334 - Ion Chroma JS Flag	tography (IC)A	alytical Method eparation Metho Units mg/Kg	-		07411Date Analyzed 6466Date Prepared	
Sample: Analysis: Analyst:	160334 - TPH DRO BP	Pile Analytical Met Preparation M)15B QC Ba Prep B	-	Date Analyzed: Date Prepared:	12/17/00 12/17/00
Param DRO	Flag	Resul 699		nits /Kg	Dilution 5	·	RDI
Param GRO	Flag	Resul 35		nits /Kg	Dilution 1		RD 0.1
			Quality Co Metho	ontrol Re od Blank			
Param	Method I	Blank Flag	Resu		Units		Limit
Param			Resu		Units mg/Kg		-
Param DRO	Method I	Flag	Resu <	lts			50 ·
Sample: Param DRO Sample: Param Benzene		Flag	Resu QCBatch:Q	lts 50			Limit

²Sample out of limits due to matrix.

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ecember 18, 2000					Number: 8 of 1 Lea County, NM
	Flag	Results	τ	Inits	Reporting Limit
	0				0.001
		< 0.05			0.001
			Spike	Percent	Recovery
Flag	Result	Units	Amount	Recovery	Limit
	4.95	mg/Kg	0.10	99	72 - 128
	5.02	mg/Kg	0.10	100	72 - 128
thod Blank	QCBatch	: QC07354			
					Reporting
Flag					Limit
					0.10
	<u> </u>	<5	mg	Kg	0.10
thod Blank	QCBatch	: QC07411			
			Ť.	·1 -	Reporting Limit
Flag					0.50
				itg	0.00
thod Blank	QCBatch	: QC07480			
D log		Pogulta	T I ر	ite	Reporting Limit
r lag		<50			50
		4.95 5.02 thod Blank QCBatch Flag thod Blank QCBatch Flag	Flag Results <0.05	Flag Results U <0.05	Dynegy Site 7 I Flag Results Units <0.05

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample:	LCS	QC	Batch: QCO	7338						
Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		296.000	mg/Kg	1	250	<50	118		70 - 130	20
Surrogate		Flag	Result	Ur	nits	Dil.	Spike Amount		% Rec.	% Rec. Limit
n-Octane			235	mg	/Kg	1	250		94	70 - 130

Report Date: December 18, 2000 00-0120

Sample: LCSD QC Batch: QC07338

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		291.000	mg/Kg	1	250	<50	116	2	70 - 130	20
Surrogate		Flag	Result	Ur	nits	Dil.	Spike Amount		% Rec.	% Rec. Limit
n-Octane			208 -	mg,	/Kg	1	250		83	70 - 130

Sample: LCS QC Batch: QC07353

					Spike					
		Sample			Amount	Matrix	%		% Rec.	RPD
Param	Flag	Result	Units	Dil.	Added	Result	Rec.	RPD	Limit	Limit
MTBE		4.88	mg/Kg	50	0.10	< 0.05	97		80 - 120	20
Benzene		4.83	mg/Kg	50	0.10	< 0.05	96		80 - 120	20
Toluene		5.03	mg/Kg	50	0.10	< 0.05	100		80 - 120	20
Ethylbenzene		4.7	mg/Kg	50	0.10	< 0.05	94		80 - 120	20
M,P,O-Xylene		13.8	mg/Kg	50	0.30	< 0.05	92		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.04	mg/Kg	50	0.10	100	72 - 128
4-BFB		5.04	mg/Kg	50	0.10	100	72 - 128

Sample: LCSD

QC Batch: QC07353

		Sample			Spike Amount	Matrix	%		% Rec.	RPD
Param	Flag	Result	Units	Dil.	Added	\mathbf{Result}	Rec.	RPD	Limit	Limit
MTBE	···· · · · ·	4.76	mg/Kg	50	0.10	< 0.05	95	2	80 - 120	20
Benzene		4.8	mg/Kg	50	0.10	< 0.05	96	1	80 - 120	20
Toluene		5	mg/Kg	50	0.10	< 0.05	100	0	80 - 120	20
Ethylbenzene		4.72	mg/Kg	50	0.10	< 0.05	94	0	80 - 120	20
M,P,O-Xylene	<u> </u>	13.9	mg/Kg	50	0.30	< 0.05	92	1	80 - 120	20
							Spike		%	% Rec.
Surrogate	Flag	Res	ult	Units	Dil.		Amount	F	lec.	Limit
TFT		4.8	39	mg/Kg	50		0.10		97	72 - 128
				= /						

50

0.10

101

72 - 128

mg/Kg

Sample: LCS

4-BFB

QC Batch: QC07354

5.05

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limi
GRO		0.963	mg/Kg	1	1	<5	96		70 - 130	20
GRO		0.963	mg/Kg	1.	1	<5	96		70 - 130	20
Sample:	LCSI	D Q	C Batch: Q	C07354						
					Spike					
Param	Г. –	Sample	T1:+-	Г):1	Amount	Matrix	%	ממת	% Rec.	RPE
GRO	Flag	Result 0.884	Units mg/Kg	1	Added 1	$\frac{\text{Result}}{<5}$	Rec. 88	RPD 8	Limit 70 - 130	Limi 20
GRO		0.884	mg/Kg	1	1	<5	88	8	70 - 130	20
Sample:	LCS	QC	Batch: QC)7411						
					Spike					
					Amount	Matrix	%		% Rec.	RPI
Ð	-	Sample		D .1						
	Flag 3	Sample Result 15.26	Units mg/Kg	Dil.	Added 12.50	Result 3.65	Rec. 122	RPD	Limit 80 - 120	
Param CL Sample:	3	Result 15.26		1	Added	Result	Rec.	RPD	Limit	Limi
CL Sample:	LCSI	Result 15.26 D G Sample	mg/Kg 2C Batch: Q	1)C07411	Added 12.50 Spike Amount	Result 3.65	Rec. 122 %		Limit 80 - 120 % Rec.	Limi 25 RPI
CL Sample: Param	3	Result 15.26	mg/Kg	1	Added 12.50 Spike	Result 3.65	Rec. 122	RPD RPD 0	Limit 80 - 120	Limi 25 RPI
CL Sample: Param CL	3 LCSI Flag	Result 15.26 D G Sample Result 15.20	mg/Kg 2C Batch: Q Units	1 2007411 Dil. 1	Added 12.50 Spike Amount Added 12.50	Result 3.65 Matrix Result	Rec. 122 % Rec.	RPD	Limit 80 - 120 % Rec. Limit	Limi 25 RPI Limi
CL	3 LCSI Flag	Result 15.26 D G Sample Result 15.20 QC	mg/Kg QC Batch: Q Units mg/Kg	1 2007411 Dil. 1	Added 12.50 Spike Amount Added 12.50 Spike	Result 3.65 Matrix Result 3.65	Rec. 122 % Rec. 121	RPD	Limit 80 - 120 % Rec. Limit 80 - 120	Limi 25 RPI Limi 25
CL Sample: Param CL Sample:	J LCSI Flag 4 LCS	Result 15.26 D G Sample Result 15.20 QC Sample	mg/Kg QC Batch: Q Units mg/Kg Batch: QC	1 2007411 Dil. 1	Added 12.50 Spike Amount Added 12.50 Spike Amount	Result 3.65 Matrix Result 3.65	Rec. 122 % Rec.	RPD	Limit 80 - 120 % Rec. Limit	Limi 25 RPI Limi 25 RPI
CL Sample: Param CL Sample: Param	3 LCSI Flag	Result 15.26 D G Sample Result 15.20 QC	mg/Kg QC Batch: Q Units mg/Kg	1 2007411 Dil. 1	Added 12.50 Spike Amount Added 12.50 Spike	Result 3.65 Matrix Result 3.65	Rec. 122 % Rec. 121	RPD 0	Limit 80 - 120 % Rec. Limit 80 - 120 % Rec.	Limi 25 RPI Limi 25 RPI
CL Sample: Param CL	J LCSI Flag 4 LCS	Result 15.26 D G Sample Result 15.20 QC Sample Result	mg/Kg C Batch: Q Units mg/Kg Batch: QC Units	1 2007411 Dil. 1 07480 Dil.	Added 12.50 Spike Amount Added 12.50 Spike Amount Added	Result 3.65 Matrix Result 3.65 Matrix Result	Rec. 122 % Rec. 121 % Rec. 96	RPD 0	Limit 80 - 120 % Rec. Limit 80 - 120 % Rec. Limit 70 - 130	Limi 25 RPI Limi 25 RPI Limi
CL Sample: Param CL Sample: Param	J LCSI Flag 4 LCS	Result 15.26 D G Sample Result 15.20 QC Sample Result	mg/Kg C Batch: Q Units mg/Kg Batch: QC Units	1 (C07411 Dil. 1 07480 Dil. 1	Added 12.50 Spike Amount Added 12.50 Spike Amount Added	Result 3.65 Matrix Result 3.65 Matrix Result	Rec. 122 % Rec. 121	RPD 0	Limit 80 - 120 % Rec. Limit 80 - 120 % Rec. Limit	Limi 25 RPI Limi 25 RPI Limi 20

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³The matrix blank was not subtracted from the blank spikes. The correct %EA = 93. ⁴The matrix blank was not subtracted from the blank spikes. The correct %EA = 92.

Report Da 00-0120	Report Date: December 18, 2000 00-0120					er: A0012081 y Site 7	Page Number: 11 of 15 Lea County, NM			
Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		242.000	mg/Kg	1	250	<50	96	0	70 - 130	20
Surrogate		Flag	Result	Ur	its	Dil.	Spike Amount		% Rec.	% Rec. Limit
n-Octane 236			mg	/Kg	1	250		94	70 - 130	

Quality Control Report Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC07338

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		300.000	mg/Kg	1	250	<50	120		70 - 130	20
							Spike		%	% Rec.
Surrogate		Flag	Result	Un	its	Dil.	Amount		Rec.	Limit
n-Octane		· · · · · · · · · · · · · · · · · · ·	237	mg/	/Kg	1	250		94	70 - 130

Sample: MSD QC Batch: QC07338

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		290.000	mg/Kg	1	250	<50	116	3	70 - 130	20
Surrogate		Flag	Result	U	nits	Dil.	Spike Amount		% Rec.	% Rec. Limit
n-Octane		0	239	mg	/Kg	1	250		95	70 - 130

Sample: MS QC Batch: QC07353

					Spike					
		Sample			Amount	Matrix	%		% Rec.	RPD
Param	Flag	Result	Units	Dil.	Added	Result	Rec.	RPD	Limit	Limit
Benzene		4.97	mg/Kg	50	0.10	< 0.05	99	1	80 - 120	20
Toluene		5.17	mg/Kg	50	0.10	< 0.05	103	0	80 - 120	20
Ethylbenzene		4.82	mg/Kg	50	0.10	< 0.05	96	0	80 - 120	20
M,P,O-Xylene		14.3	mg/Kg	50	0.30	< 0.05	95	1	80 - 120	20

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Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.02	mg/Kg	50	0.10	100	72 - 128
4.62			mg/Kg	50	0.10	92 72 - 12	

Sample: MSD QC Batch: QC07353

					Spike					
		Sample			Amount	Matrix	%		% Rec.	RPD
Param	Flag	Result	Units	Dil.	Added	Result	Rec.	RPD	Limit	Limit
Benzene		4.91	mg/Kg	50	0.10	< 0.05	98	1	80 - 120	20
Toluene		5.08	m mg/Kg	50	0.10	< 0.05	101	2	80 - 120	20
Ethylbenzene		4.85	mg/Kg	50	0.10	< 0.05	97	1	80 - 120	20
M,P,O-Xylene		14.4	mg/Kg	50	0.30	< 0.05	96	1	80 - 120	20

					Spike	%	% Rec.
Surrogate	Flag	Result	Units	Dil.	Amount	Rec.	Limit
$\overline{\mathrm{TFT}}$		4.88	mg/Kg	50	0.10	97	72 - 128
4-BFB		4.72	mg/Kg	50	0.10	94	72 - 128

Sample: MS QC Batch: QC07411

					Spike					
		Sample			Amount	Matrix	%		% Rec.	RPD
Param	Flag	Result	Units	Dil.	Added	Result	Rec.	RPD	Limit	Limit
CL		1025.44	mg/Kg	1	625	430	95		75 - 106	25

Sample: MSD

QC Batch: QC07411

					Spike					
		Sample			Amount	Matrix	%		NRec.	RPD
Param	Flag	Result	Units	Dil.	Added	Result	Rec.	RPD	Limit	Limit
CL		1026.57	mg/Kg	1	625	430	95	0	75 - 106	25

Quality Control Report Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC07338

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	284.000	113	75 - 125	12/11/00
n-Octane		mg/Kg	250	243	97	75 - 125	12/11/00

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Sample: CO	$\mathbb{C}V(2)$	QC Batch	n: QC07338					
			CCVs	CCVs	CCVs	Percent		
			True	Found	Percent	Recovery	Date	
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed	
DRO		mg/Kg	250	269	107	75 - 125	12/11/00	
n-Octane		mg/Kg	250	253	101	75 - 125	12/11/00	
Sample: ICV (1)		QC Batch:	: QC07338					
	•		CCVs	CCVs	CCVs	Percent		
			True	Found	Percent	Recovery	Date	
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed	
DRO	ž	mg/Kg	250	282.000	112	75 - 125	12/11/00	
n-Octane		mg/Kg	250	227	90	75 - 125	12/11/0	
Sample: CO	CV(1)	QC Batch	h: QC07353 CCVs	CCVs	CCVs	Percent		
			True	Found	Percent	Recovery	Date	
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyze	
MTBE	1 1ag	mg/Kg	0.10	0.09	<u>90</u>	80 - 120	12/12/0	
Benzene		mg/Kg	0.10	0.097	97	80 - 120	12/12/0	
Toluene		mg/Kg	0.10	0.1	100	80 - 120	12/12/0	
Ethylbenzene		mg/Kg	0.10	0.093	93	80 - 120	12/12/00	
M,P,O-Xylene	·····	mg/Kg	0.30	0.272	90	80 - 120	12/12/0	
Sample: CCV (2)		QC Batcl	h: QC07353					
Sample: C			CCVs	CCVs	CCVs	Percent		
Sample: C			CUVS			-		
Sample: C			True	Found	Percent	Recovery	Date	
Param	Flag	Units		Conc.	Recovery	Limits	Analyze	
Param		mg/Kg	True Conc. 0.10	Conc. 0.09	Recovery 90	Limits 80 - 120	Analyze 12/12/0	
Param MTBE Benzene		mg/Kg mg/Kg	True Conc. 0.10 0.10	Conc. 0.09 0.096	Recovery 90 96	Limits 80 - 120 80 - 120	Analyze 12/12/0 12/12/0	
Param MTBE Benzene Toluene		mg/Kg mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10	Conc. 0.09 0.096 0.1	Recovery 90 96 100	Limits 80 - 120 80 - 120 80 - 120	Analyze 12/12/0 12/12/0 12/12/0	
Param MTBE Benzene Toluene Ethylbenzene	Flag	mg/Kg mg/Kg mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10 0.10	Conc. 0.09 0.096 0.1 0.092	Recovery 90 96 100 92	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0	
Sample: C			COVa	CCVs	CCVs	Percent		
Param MTBE Benzene Foluene Ethylbenzene M,P,O-Xylene	Flag	mg/Kg mg/Kg mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10	Conc. 0.09 0.096 0.1	Recovery 90 96 100	Limits 80 - 120 80 - 120 80 - 120	Analyz 12/12/ 12/12/ 12/12/ 12/12/ 12/12/	
Param MTBE Benzene Toluene Ethylbenzene M,P,O-Xylene	Flag	mg/Kg mg/Kg mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10 0.10 0.30	Conc. 0.09 0.096 0.1 0.092	Recovery 90 96 100 92	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/12/0 12/12/0 12/12/0 12/12/0	
Param MTBE Benzene Toluene Ethylbenzene M,P,O-Xylene Sample: IC	Flag	mg/Kg mg/Kg mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10 0.10 0.30 : QC07353 CCVs	Conc. 0.09 0.096 0.1 0.092 0.266 CCVs	Recovery 90 96 100 92 88 CCVs	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 Date Analyze	
Param MTBE Benzene	Flag CV (1)	mg/Kg mg/Kg mg/Kg mg/Kg QC Batch	True Conc. 0.10 0.10 0.10 0.30 : QC07353 CCVs True	Conc. 0.09 0.096 0.1 0.092 0.266 CCVs Found	Recovery 90 96 100 92 88 CCVs Percent	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery	Analyze 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 Date Analyze	
Param MTBE Benzene Toluene Ethylbenzene M,P,O-Xylene Sample: IC Param	Flag CV (1)	mg/Kg mg/Kg mg/Kg mg/Kg QC Batch Units	True Conc. 0.10 0.10 0.10 0.10 0.30 : QC07353 : QC07353 CCVs True Conc.	Conc. 0.09 0.096 0.1 0.092 0.266 CCVs Found Conc.	Recovery 90 96 100 92 88 88 CCVs Percent Recovery	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120	Analyze 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0	
Param MTBE Benzene Toluene Ethylbenzene M,P,O-Xylene Sample: IC	Flag CV (1)	mg/Kg mg/Kg mg/Kg mg/Kg QC Batch Units mg/Kg	True Conc. 0.10 0.10 0.10 0.30 : QC07353 : QC07353 CCVs True Conc. 0.10	Conc. 0.09 0.096 0.1 0.092 0.266 CCVs Found Conc. 0.098	Recovery 90 96 100 92 88 CCVs Percent Recovery 98	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120	Analyzea 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0	
Param MTBE Benzene Toluene Ethylbenzene M,P,O-Xylene Sample: IC Param MTBE Benzene	Flag CV (1)	mg/Kg mg/Kg mg/Kg mg/Kg QC Batch Units mg/Kg mg/Kg	True Conc. 0.10 0.10 0.10 0.10 0.30 : QC07353 : QC07353 : QC07353 CCVs True Conc. 0.10 0.10	Conc. 0.09 0.096 0.1 0.092 0.266 CCVs Found Conc. 0.098 0.096	Recovery 90 96 100 92 88 88 CCVs Percent Recovery 98 96	Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120	Analyzed 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 12/12/0 Date Analyze 12/12/0 12/12/0 12/12/0	

Sample: C	00-0120			Dynegy Site	Lea County, N		
bampie. C	$\mathrm{CV}~(1)$	QC Ba	tch: QC07354				
			CCVs True	CCVs Found	CCVs Percent	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyze
GRO		mg/Kg	1	1.05	105	75 - 125	12/12/0
GRO		mg/Kg	1	1.05	105	75 - 125	12/12/0
Sample: C	$\mathrm{CV}~(2)$	QC Ba	tch: QC07354				
			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
GRO		mg/Kg	1	1.07	107	75 - 125	12/12/0
GRO		mg/Kg	1	1.07	107	75 - 125	12/12/0
Sample: IO	CV (1)	QC Bat	ch: QC07354			-	
			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyze
GRO		mg/Kg	1	0.962	96	75 - 125	12/12/0
GRO		mg/Kg	1	0.962	96	75 - 125	12/12/0
Sample ()	CV(1)	OC Ba	tch: $OC07/11$				
Sample: C	CV (1) Flag	Units	tch: QC07411 CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyze
Param Bromide	. ,	Units mg/L	CCVs True Conc. 2.50	CCVs Found Conc. 2.45	Percent Recovery 98	Recovery Limits 80 - 120	Analyze 12/13/0
Param Bromide CL	. ,	Units mg/L mg/L	CCVs True Conc. 2.50 12.50	CCVs Found Conc. 2.45 11.84	Percent Recovery 98 94	Recovery Limits 80 - 120 80 - 120	Analyze 12/13/0 12/13/0
Param Bromide CL Fluoride	. ,	Units mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50	CCVs Found Conc. 2.45 11.84 2.43	Percent Recovery 98 94 97	Recovery Limits 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N	. ,	Units mg/L mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 2.50	CCVs Found Conc. 2.45 11.84 2.43 2.41	Percent <u>Recovery</u> 98 94 97 97 96	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N	. ,	Units mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50	CCVs Found Conc. 2.45 11.84 2.43	Percent Recovery 98 94 97	Recovery Limits 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride	Flag	Units mg/L mg/L mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 2.50	CCVs Found Conc. 2.45 11.84 2.43 2.41	Percent <u>Recovery</u> 98 94 97 97 96	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC	Flag	Units mg/L mg/L mg/L mg/L QC Bat	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 12.50 ch: QC07411 CCVs True	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found	Percent Recovery 98 94 97 96 96 96 96 CCVs Percent	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery	Analyzee 12/13/00 12/13/00 12/13/00 12/13/00 12/13/00 12/13/00
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC	Flag	Units mg/L mg/L mg/L mg/L QC Bat Units	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 ch: QC07411 CCVs True Conc.	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc.	Percent Recovery 98 94 97 96 96 96 96 96 Percent Recovery	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Event Recovery Limits	Analyzee 12/13/00 12/13/00 12/13/00 12/13/00 12/13/00 Date Analyzee
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide	Flag	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 ch: QC07411 CCVs True Conc. 2.50	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46	Percent Recovery 98 94 97 96 96 96 96 CCVs Percent Recovery 98	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120	Analyzee 12/13/00 12/13/00 12/13/00 12/13/00 12/13/00 Date Analyzee 12/13/0
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide CL	Flag	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 ch: QC07411 CCVs True Conc. 2.50 12.50	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46 11.90	Percent Recovery 98 94 97 96 96 96 96 CCVs Percent Recovery 98 95	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120	Analyzee 12/13/00 12/13/00 12/13/00 12/13/00 12/13/00 Date Analyzee 12/13/00 12/13/00 12/13/00
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide CL Fluoride	Flag CV (1)	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 12.50 ch: QC07411 CCVs True Conc. 2.50 12.50 2.50 12.50 2.50	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46 11.90 2.46	Percent Recovery 98 94 97 96 96 96 96 96 96 96 98 95 98 95 98	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide CL Fluoride Nitrate-N	Flag CV (1)	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L mg/L mg/L	$\begin{array}{c} \text{CCVs} \\ \text{True} \\ \text{Conc.} \\ 2.50 \\ 12.50 \\ 2.50 \\ 12.50 \\ 12.50 \\ \end{array}$ ch: QC07411 CCVs True Conc. \\ 2.50 \\ 12.50 \\ 2.50 \\ 2.50 \\ 2.50 \\ 2.50 \end{array}	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46 11.90 2.46 2.41	Percent Recovery 98 94 97 96 96 96 96 CCVs Percent Recovery 98 95 98 95 98 96	Recovery Limits 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide CL Fluoride	Flag CV (1)	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L mg/L mg/L	CCVs True Conc. 2.50 12.50 2.50 2.50 12.50 12.50 ch: QC07411 CCVs True Conc. 2.50 12.50 2.50 12.50 2.50	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46 11.90 2.46	Percent Recovery 98 94 97 96 96 96 96 96 96 96 98 95 98 95 98	Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 Percent Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0
Param Bromide CL Fluoride Nitrate-N Sulfate Sample: IC Param Bromide CL Fluoride Nitrate-N	Flag CV (1)	Units mg/L mg/L mg/L mg/L QC Bat Units mg/L mg/L mg/L	$\begin{array}{c} \text{CCVs} \\ \text{True} \\ \text{Conc.} \\ 2.50 \\ 12.50 \\ 2.50 \\ 12.50 \\ 12.50 \\ \end{array}$ ch: QC07411 CCVs True Conc. \\ 2.50 \\ 12.50 \\ 2.50 \\ 2.50 \\ 2.50 \\ 2.50 \end{array}	CCVs Found Conc. 2.45 11.84 2.43 2.41 12.07 CCVs Found Conc. 2.46 11.90 2.46 2.41	Percent Recovery 98 94 97 96 96 96 96 CCVs Percent Recovery 98 95 98 95 98 96	Recovery Limits 80 - 120 80 - 120	Analyze 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0 12/13/0

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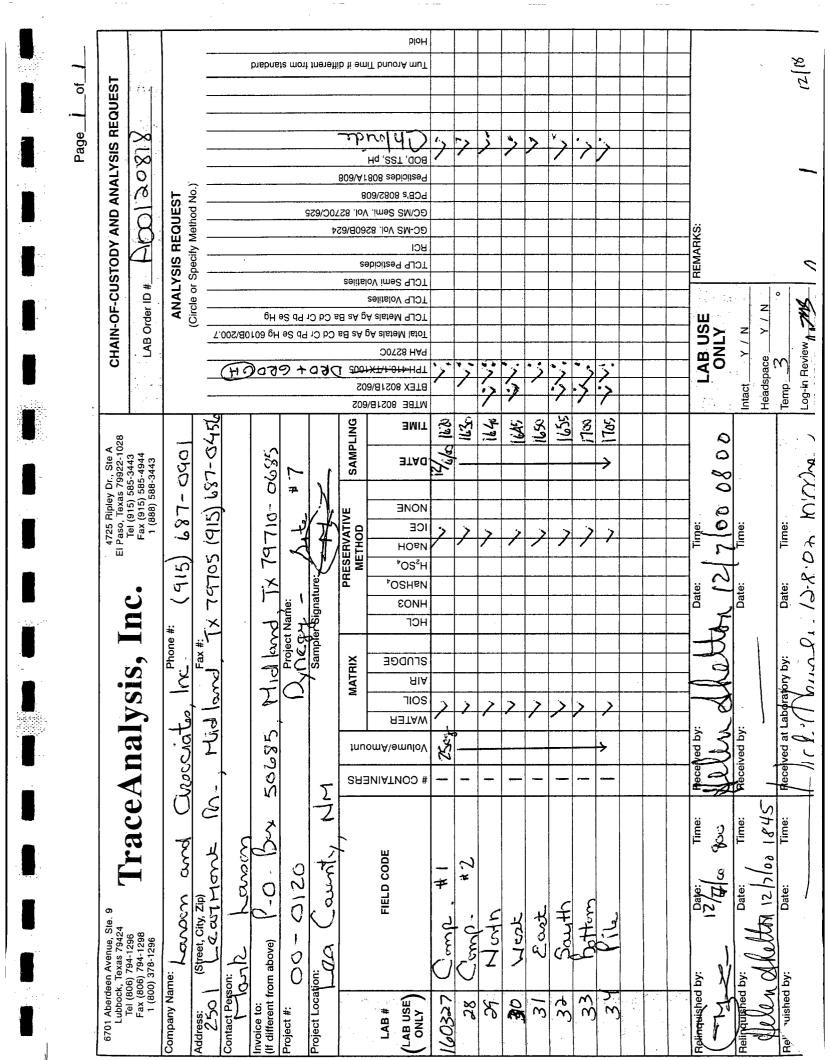
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00-0120			Dynegy Site 7			Lea County, NM	
Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	300.000	120	75 - 125	12/17/00
n-Octane		mg/Kg	250	233	93	75 - 125	12/17/00

Sample: ICV (1)

QC Batch: QC07480

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	275.000	110	75 - 125	12/17/00
n-Octane		mg/Kg	250	252	100	75 - 125	12/17/00



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