E.O.T.T. ENERGY CORPORATION

SITE INVESTIGATION, REMEDIATION, AND FINAL C-141 CLOSURE DOCUMENTATION

DON JONES TURNER PUMP
Ref.# 2001-10930

UL-I NE¼ of the SE¼ of Sec22, T21S, R37E,
~2 miles northeast of Eunice
Lea County, New Mexico
Latitude 32°27'40"N Longitude 103°08'32"W

November 20, 2001

Contract #

Prepared by

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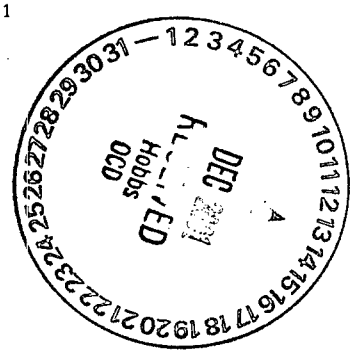
EOTT-64617
facility - fPAC0606853320
incident - nPAC0606853481
application - pPAC0606853604



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EXECUTIVE SUMMARY

On March 26, 2001, a subsurface crude oil leak was discovered in the 4" discharge line at the E.O.T.T. Energy Pipeline Turner Pump located approximately 2 miles northeast of Eunice, New Mexico and adjacent to a primary all-weather oil field access road and within 150' of the Don Jones family residence. Estimated volume was <25 barrels. The initial response was to isolate the pipeline, recover remaining fluid, and excavate and repair the leak, stockpiling the crude oil contaminated soil on a plastic barrier north of the excavation. Because ground water occurs at ~55' below ground surface ('bgs), of primary concern was contamination of the water wells near the site, i.e., ~ 75' north of the leak is the West Water well and ~200'southeast is the South Water well. The Jones' use these wells for domestic and agricultural purposes. On March 27, 2001, to monitor the constituents of concern, i.e. Benzene, Toluene, Ethyl Benzene, and Xylenes, co-located samples were collected from the wells and sent to separate laboratories for analysis. As a precautionary measure during the reporting interim, the Jones' were provided an alternative source of drinking water and fresh water for their livestock. The water analyses did not report any hydrocarbon or metals contamination but did detect Chloride levels above background. The source of the chloride is likely from historical releases of saline produced water associated with oil and gas production and drilling activities in the area. An unremediated abandoned tank battery site is located ~300' due west of the West Water Well and was used to store and handle crude oil and saline produced water for many years before being abandoned. Other sources could include buried drilling reserve pits associated with the production and injection wells located within 1,500 feet of the site. Soil borings were advanced and sampled to determine the vertical and horizontal extent of the crude oil. Borehole 3, located between the spill and the West Water Well, was advanced to ground water, developed as a temporary monitor well, and sampled. Nominal concentrations of Benzene, Toluene, Ethyl Benzene, and Xylenes were reported above the instrument detection limit but were 2 orders of magnitude below the New Mexico Water Quality Control Commission (WQCC) Ground Water Standards. The delineation identified soil contamination above the NMOCD remedial goals vertically to approximately 35'below ground surface ('bgs) in the immediate area of the spill and to ~20'bgs to the east up to the north/south EOTT mainline that is adjacent and parallel to the Jones' west front yard fence. The remediation strategy, given the proximity to the water wells, the public access road, and the Jones' dwelling, was to remove soil contaminated above the NMOCD remedial guidelines and backfill with clean soil. A total of 2,096-yd^3 of soil was disposed of in the NMOCD approved and permitted Environmental Plus, Inc. land farm located approximately 4 miles south of the site. Prior to backfilling with clean soil, composite samples of the excavation sidewalls and bottom were collected and analyzed to verify adequate remediation.

During the excavation, in the center of the east part of the excavation, a 10'w x 10'l x 20'h column of historically contaminated soil was left in place to support the valve setting at the mainline junction. The consensus was that removing the support column from this particular point on the pipeline would present untenable operational, occupational, and environmental risks, i.e., the added weight of the valves, the stress of the lateral piping and the fact that the line was active and loaded, would have caused the line to sag/shift and rupture. Analysis of a composite sample from the column showed the Total Petroleum Hydrocarbon EPA method 418.1 ($TPH^{418.1}$) to be 17,843 mg/Kg, Benzene <0.100 mg/Kg, and BTEX (sum of Benzene, Toluene, Ethyl Benzene, and Xylenes) 46.410 mg/Kg. The $TPH^{418.1}$ value exceeds the NMOCD remedial goal of 100 mg/Kg, however the Benzene and BTEX values are below the respective remedial goals of 10 and 50 mg/Kg. This supports the environmental rationale for leaving the column in place, i.e., the Benzene and BTEX soil remedial goals will be protective of the ground water according to the NMOCD guidelines and in the absence of a WQCC ground water standard for TPH, it is reasonable to

conclude that the remaining TPH[418.1] source term likewise poses no risk to the local ground water. Based on the risks involved and the assessment of environmental consequences of leaving the soil column in place, the decision was made to backfill the excavation and contour to the original grade. Final restoration activities included replacing the Jones' front yard fence and re-landscaping the southwest corner that was affected by the remediation. Because the NMOCD soil TPH remedial goal is exceeded in the soil column supporting the valve setting, the NMOCD will be ask to allow leaving the soil in place until a time in the future when the pipeline is relocated or decommissioned and can be safely removed.

1.0 INTRODUCTION AND BACKGROUND

Mr. Don Jones is the land owner of record where the leak occurred and is ~2 miles northeast of Eunice, Lea County, New Mexico UL-I NE¼ of the SE¼ of Sec22, T21S, R37E, Latitude 32°27'40"N Longitude 103°08'32"W. The Jones family resides in the house and raise cattle and horses on the ranch. Adjacent and parallel to the west front yard fence is the buried EOTT north/south 8" mainline; the Turner Pump is located approximately 150' west of the dwelling. The leak site is located between the mainline and the Turner Pump and is 25' of north of a primary all weather oil field access road that connects NMSR 18 to the east and NMSR 207 to the west. Refer to Attachment I for an area map.

2.0 INITIAL RESPONSE AND MITIGATION

Environmental Plus, Inc. (EPI) responded to the emergency and excavated the leak with support from EOTT personnel who installed a 4-bolt repair clamp. EOTT recovered a small volume of oil (<1 bbl) from the estimated release volume of 25 barrels (bbls). It appeared the leak was due to internal corrosion. All crude oil contaminated soil was initially placed on a plastic barrier north of the excavation and was subsequently move to an area south of the road. Odorous/noxious vapor from the spoils was controlled with an application of MicroBlaze Spill Control. The site investigation and remediation were conducted consistent with the New Mexico Oil Conservation Division (NMOCD) approved "E.O.T.T. Energy Corp. (EOTT) General Work Plan for Remediation of EOTT Pipeline Spills, Leaks, and Releases in New Mexico." The regulatory basis for the General Work Plan is the August 1993 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.

3.0 SITE RANKING AND REMEDIAL GOALS

The NMOCD site ranking score is 40 points based on the criteria listed in the table below. The score is >19 and applies the most stringent remedial goals.

1. Ground Water	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or; <200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Ground water Score = 20	*Wellhead Protection Area Score= 20*	*Surface Water Score= 0*
Site Rank (1+2+3) = 20+20+0 = 40 points		

Parameter	Total Site Ranking Score and Acceptable Concentrations		
	>19	10-19	0-9
Benzene[1]	**10 ppm**	10 ppm	10 ppm
BTEX[1]	**50 ppm**	50 ppm	50 ppm
TPH	**100 ppm**	1000 ppm	5000 ppm

4.0 SITE DELINEATION

Strategically located soil borings were advanced and sampled at discrete subsurface intervals to delineate the areal distribution of the crude oil spill. Borehole 3 was advanced to the saturated zone to facilitate installation and development of a temporary monitoring well for representative ground water sampling.

4.1 SOIL

Boreholes 1, 2, 3, and 4 were strategically advanced just outside of the visible spill area to verify the horizontal extent. Borehole 5 was advanced to determine vertical extent of contamination in the area of the valve setting and Borehole 6 and 1A to bound the distribution of historical contamination present around the valve setting. The Turner Pump was previously located ~15' west of the valve setting but was moved 125' west, to its' current location after the construction of the Don Jones residence in 1999. Sample analyses for Boreholes 1, 3, and 4 located south, north, and west of the spill area, respectively, support the conclusion that contamination did not migrate beyond these lateral points. Borehole 2 results indicated contamination persisted to ~35'bgs but is being considered historical contamination from leaks that occurred at the old pump location. Borehole 6 and 1A data support the conclusion that the historical contamination had not migrated laterally to these points. Refer to Attachment I for the location borehole sample map and Attachment II for copies of the original analytical reports, summaries, and illustrations.

4.2 GROUND WATER

To ensure that the ground water had not been impacted by the EOTT crude oil leak, the Jones water wells were sampled and a borehole advanced to determine if an impact had occurred. Refer to Attachment I for site maps and Attachment II for copies of the original analytical reports and summaries.

4.2.1 Precautions

Because of the close proximity of the West and South Don Jones water wells to the spill and the shallow ground water depth, the decision was made to immediately provide the Jones' with alternative supplies of clean drinking water and fresh water for the livestock. The Jones' were provided with bottled water and a dispenser. The existing waterings for the animals were barricaded and new drinking tubs set and filled with clean water from the City of Eunice public water supply system.

4.2.2 West and South Water Wells

The West Water well is located ~ 75' north of the leak and the South Water well ~200' southeast. The Jones' use these wells for domestic and agricultural purposes. On March 27, 2001, to monitor the constituents of concern, i.e. Benzene, Toluene, Ethyl Benzene, and Xylenes, co-located samples were collected from the wells and sent to separate laboratories for analysis. The water analyses did not report any hydrocarbon or metals contamination but did detect Chloride levels above background. The source of the chloride is likely from historical releases of saline produced water associated with oil and gas production and drilling activities in the area. An unremediated abandoned tank battery site is located ~300' due west of the West Water Well and was used to store and handle crude oil and saline produced water for many years before being abandoned. Other sources could include buried drilling reserve pits associated with the production and injection wells located within 1,500 feet of the site.

4.2.3 Borehole 3 Temporary Monitor Well

Borehole 3, located between the spill and the West Water Well, was advanced to ground water, developed as a temporary monitor well, and sampled. Nominal concentrations of Benzene, Toluene, Ethyl Benzene, and Xylenes were reported above the instrument detection limit but were 2 orders of magnitude below the New Mexico Water Quality Control Commission (WQCC) Ground Water Standards.

5.0 REMEDIATION

The selected remediation strategy was to excavate and dispose of soil contaminated above the NMOCD remedial goals based on site rank.

5.1 EXCAVATION AND DISPOSAL

Soil volume disposed of in the NMOCD approved EPI landfarm was 2,096 yd^3. Contaminated soil down to a maximum depth of 34'bgs was removed. As the project progressed, composite samples of the excavation bottom and sidewalls were collected and surveyed with a Photoionization Detector (PID) to monitor Volatile Organic Constituents Headspace concentration to determine acceptable remediation. When PID readings <50 ppm were obtained the final compliance composite samples of the bottom hole and sidewalls were collected and sent to the laboratory for analysis.

5.2 CONTAMINATED PIPELINE SUPPORT COLUMN

Peculiar to this site is a valve setting adjacent to the county road and the Jones residence. During excavation, in the center of the east part of the excavation, a 10'w x 10'l x 20'h column of historically contaminated soil was left in place to support the valve setting at the mainline junction. The consensus was that removing the support column from this particular point on the pipeline would present untenable operational, occupational, and environmental risks, i.e., the added weight of the valves, the stress of the lateral piping and the fact that the line was active and loaded, would have caused the line to sag/shift and rupture. Borehole 5 was advanced proximate to the valve setting and delineated vertical contamination above the NMOCD remedial guidelines to be between the 20' and 25'bgs interval. BTEX concentrations from Borehole 5 exceeded 50 mg/Kg but were removed during the excavation. Analysis of a composite sample from the column, after excavation was completed, showed the Total Petroleum Hydrocarbon EPA method 418.1 ($TPH^{418.1}$) to be 17,843 mg/Kg, Benzene <0.100 mg/Kg, and BTEX (sum of Benzene, Toluene, Ethyl Benzene, and Xylenes) 46.410 mg/Kg. The $TPH^{418.1}$ value exceeds the NMOCD remedial goal of 100 mg/Kg, however the Benzene and BTEX values are below the respective remedial goals of 10 and 50 mg/Kg. This supports the environmental rationale for leaving the column in place, i.e., the Benzene and BTEX soil remedial goals will be protective of the ground water according to the NMOCD guidelines and, in the absence of a WQCC ground water standard for TPH, it is reasonable to conclude that the remaining $TPH^{418.1}$ source term likewise poses no risk to the local ground water. Based on the risks involved and the assessment of environmental consequences posed by leaving the soil column in place, the decision was made to backfill the excavation and contour to the original grade. Because of the exceedances the NMOCD will be petitioned to allow leaving the contaminated soil column in place until a time in the future when the pipeline is relocated or decommissioned and can be safely removed.

6.0 COMPLIANCE SAMPLING

The final configuration of the excavation is illustrated on the site map included in Attachment I. Compliance sample locations were located on the North, East, South, West, and Northeast Sidewalls and the excavation Bottom. Due to the excavation, the five point composite samples were collected

remotely using the bucket of the excavator. The final compliance data is summarized and illustrated in Attachment III.

7.0 SURFACE AND FACILITY RESTORATION

Final restoration activities included replacing the Jones' front yard fence and re-landscaping the southwest corner that was affected by the remediation (3,529 ft^2), as well as, contouring the spoils pile area (6,335 ft^2).

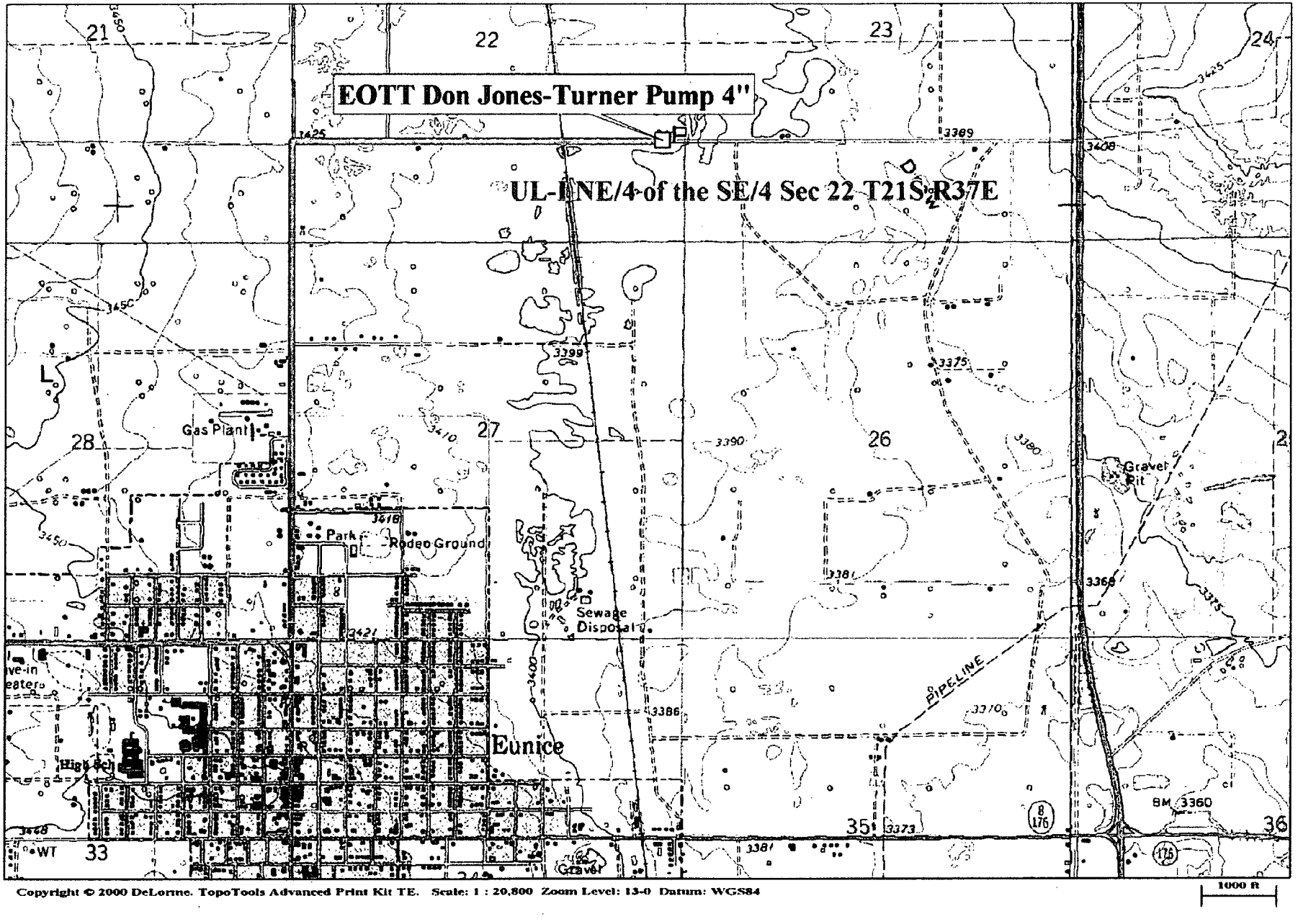
8.0 CLOSURE JUSTIFICATION

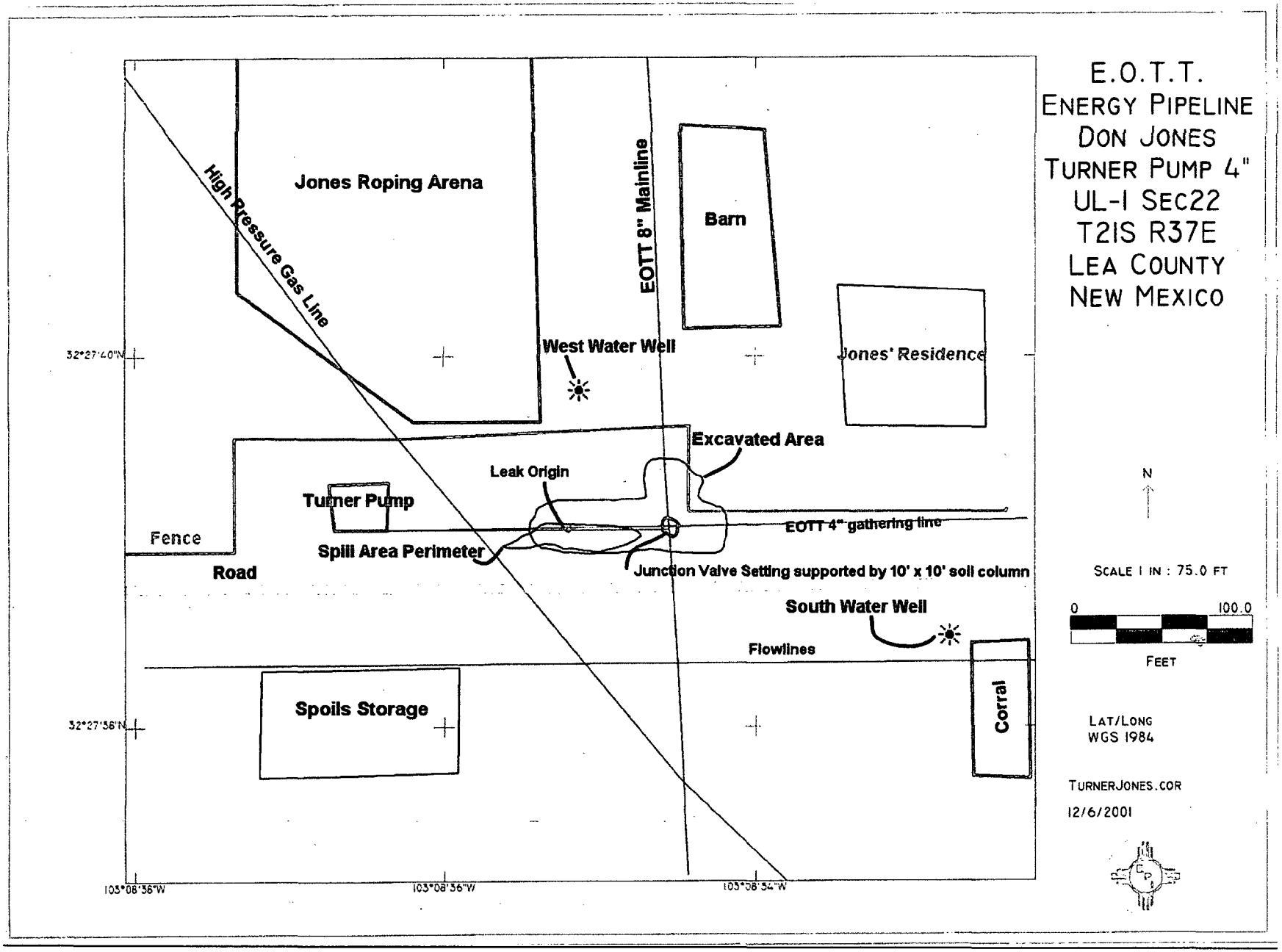
The information provided in this report documents spill mitigation and site remediation in accordance with the NMOCD approved "E.O.T.T. Energy Corp. (EOTT) General Work Plan for Remediation of EOTT Pipeline Spills, Leaks, and Releases in New Mexico" and the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases (August 1993). The contaminated soil column supporting the pipeline was left in place because of operational and occupation hazards inherent to the soil removal process and is environmentally acceptable, i.e., residual BTEX concentrations are below the NMOCD remedial goals and not considered a risk to the ground water. Likewise, the NMOCD Guidelines do not consider the elevated TPH source term residual to be a viable threat to the ground water. Additionally, the soil column is isolated from the surface by an 8-inch thick compacted caliche cap that will also severely inhibit the vertical migration mechanism. Based on the information provided in this report and the justifications supporting leaving the contaminated soil column in place, EPI, on behalf of E.O.T.T. Energy Pipeline, requests that the NMOCD require "no further action" at this site, with the conditional provision that EOTT remove the contaminated soil column (~74 yd^3) remaining beneath the mainline junction valve setting at a time in the future when the line is relocated or decommissioned.

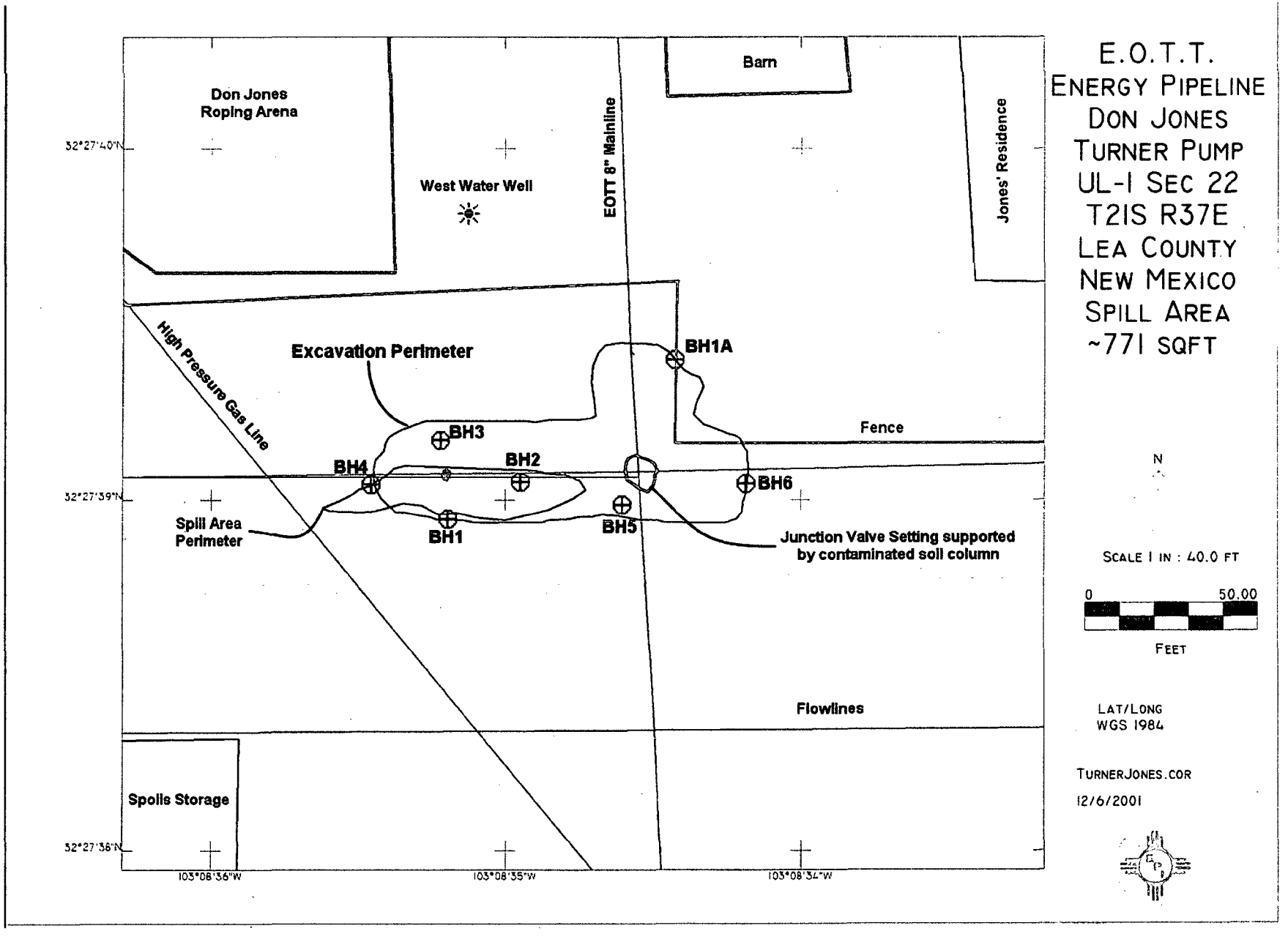
9.0 FOLLOW UP ACTIVITIES

The contaminated soil column will be removed at a time in the future when the line is relocated or decommissioned. The spoils pile area will be reseeded in the Spring of 2002.

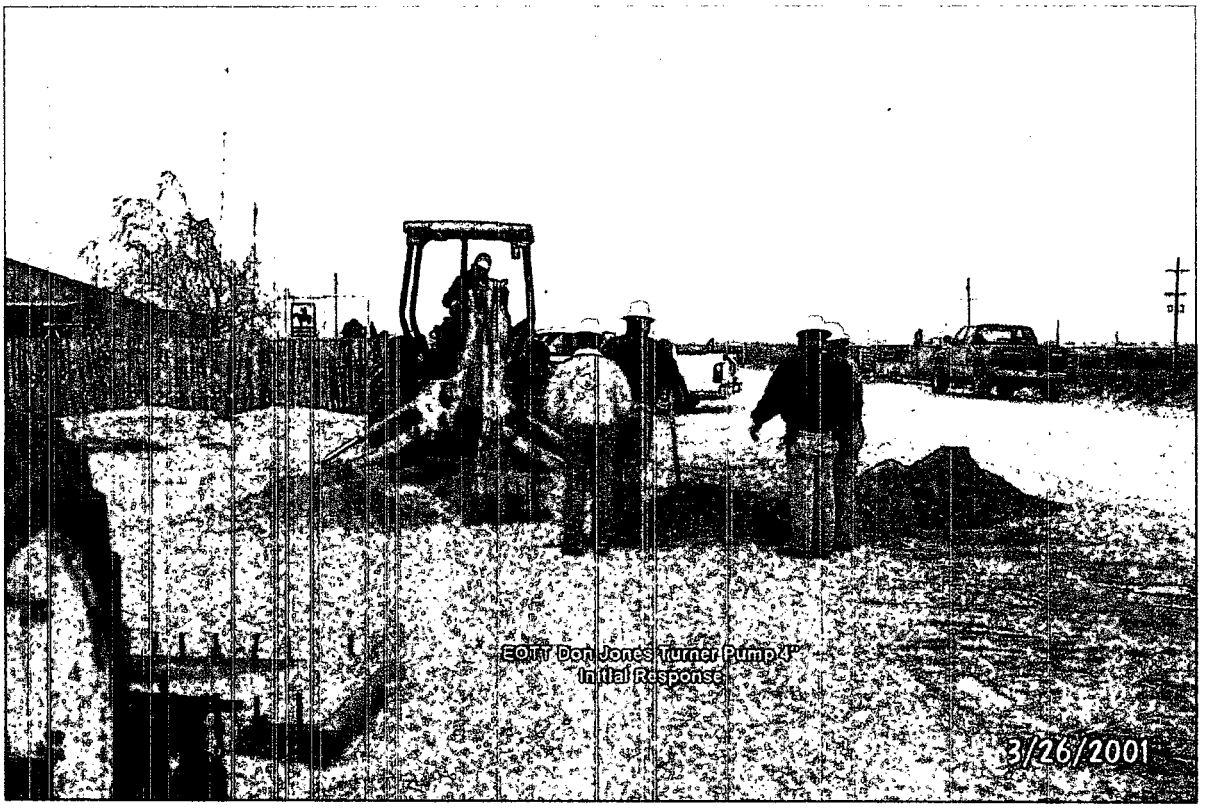
Attachment I: Figures and Maps

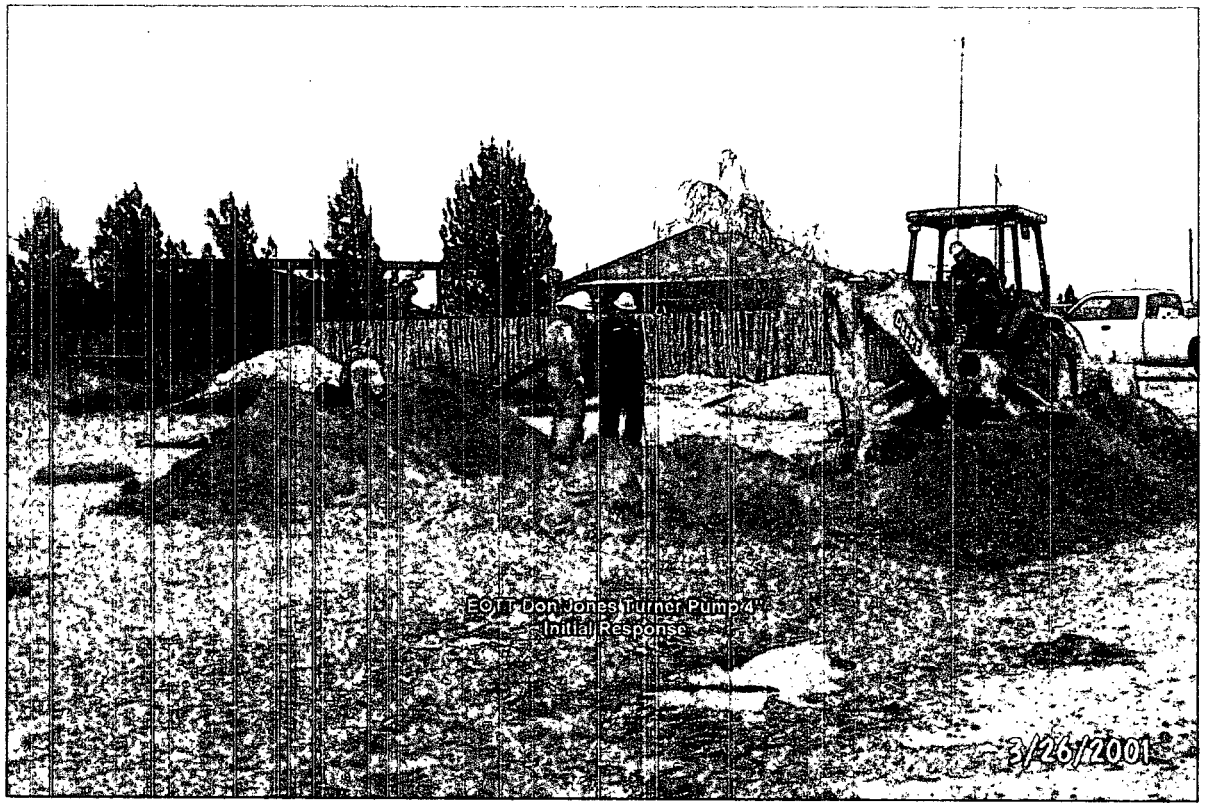

EOTT Don Jones-Turner Pump 4"
UL-I NE/4 of the SE/4 Sec 22 T21S R37E
21
22
23
24
27
26
28
Gas Plant
Park
Rodeo Ground
Sewage Disposal
Gravel Pit
PIPELINE
Eunice
High Sch
WT
33
35
36
BM 3360
Gravel
Copyright © 2000 DeLorme. TopoTools Advanced Print Kit TE. Scale: 1 : 20,800 Zoom Level: 13-0 Datum: WGS84
1000 ft

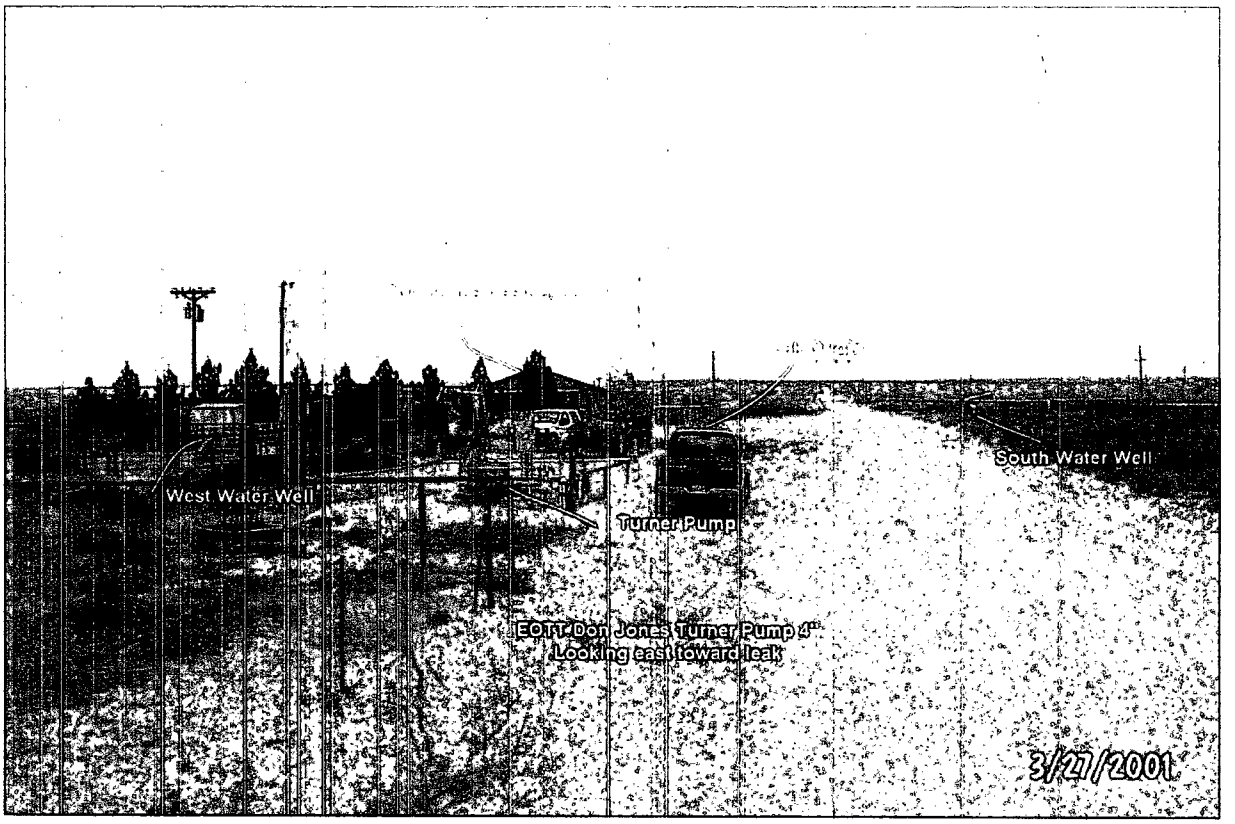

E.O.T.T.
ENERGY PIPELINE
DON JONES
TURNER PUMP 4"
UL-I SEC22
T21S R37E
LEA COUNTY
NEW MEXICO
Jones Roping Arena
High Pressure Gas Line
EOTT 8" Mainline
Barn
West Water Well
Jones' Residence
Excavated Area
Leak Origin
Turner Pump
Fence
Road
Spill Area Perimeter
EOTT 4" gathering line
Junction Valve Setting supported by 10' x 10' soil column
South Water Well
Flowlines
Spoils Storage
Corral
32°27'40"N
32°27'36"N
103°08'36"W
103°08'36"W
103°08'34"W
N
SCALE 1 IN : 75.0 FT
0
100.0
FEET
LAT/LONG
WGS 1984
TURNERJONES.COR
12/6/2001

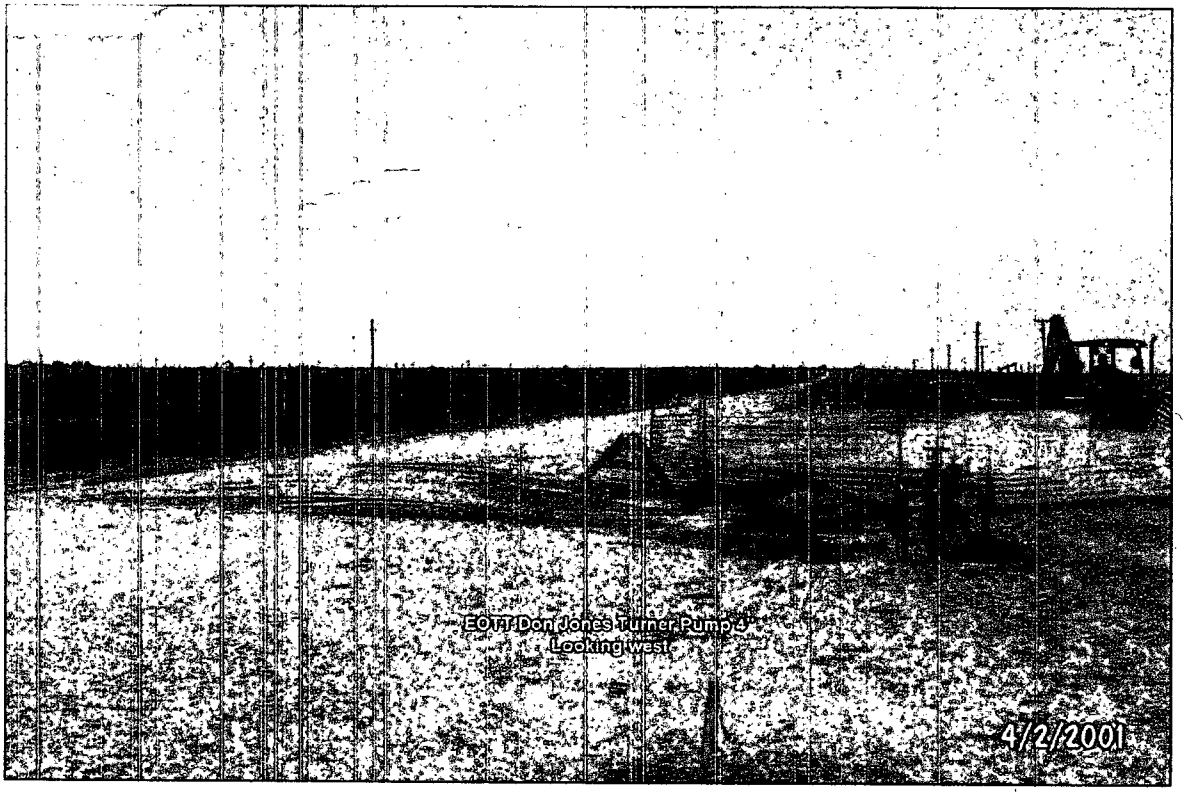

Don Jones
Roping Arena
West Water Well
EOTT 8" Mainline
Barn
Jones' Residence
Fence
High Pressure Gas Line
Excavation Perimeter
BH1A
BH3
BH4
BH2
BH6
BH1
BH5
Spill Area
Perimeter
Junction Valve Setting supported
by contaminated soil column
Flowlines
Spoils Storage
32°27'40"N
32°27'39"N
32°27'38"N
103°08'36"W
103°08'35"W
103°08'34"W
E.O.T.T.
ENERGY PIPELINE
DON JONES
TURNER PUMP
UL-I SEC 22
T21S R37E
LEA COUNTY
NEW MEXICO
SPILL AREA
~771 SQFT
N
SCALE 1 IN : 40.0 FT
0
50.00
FEET
LAT/LONG
WGS 1984
TURNERJONES.COR
12/6/2001

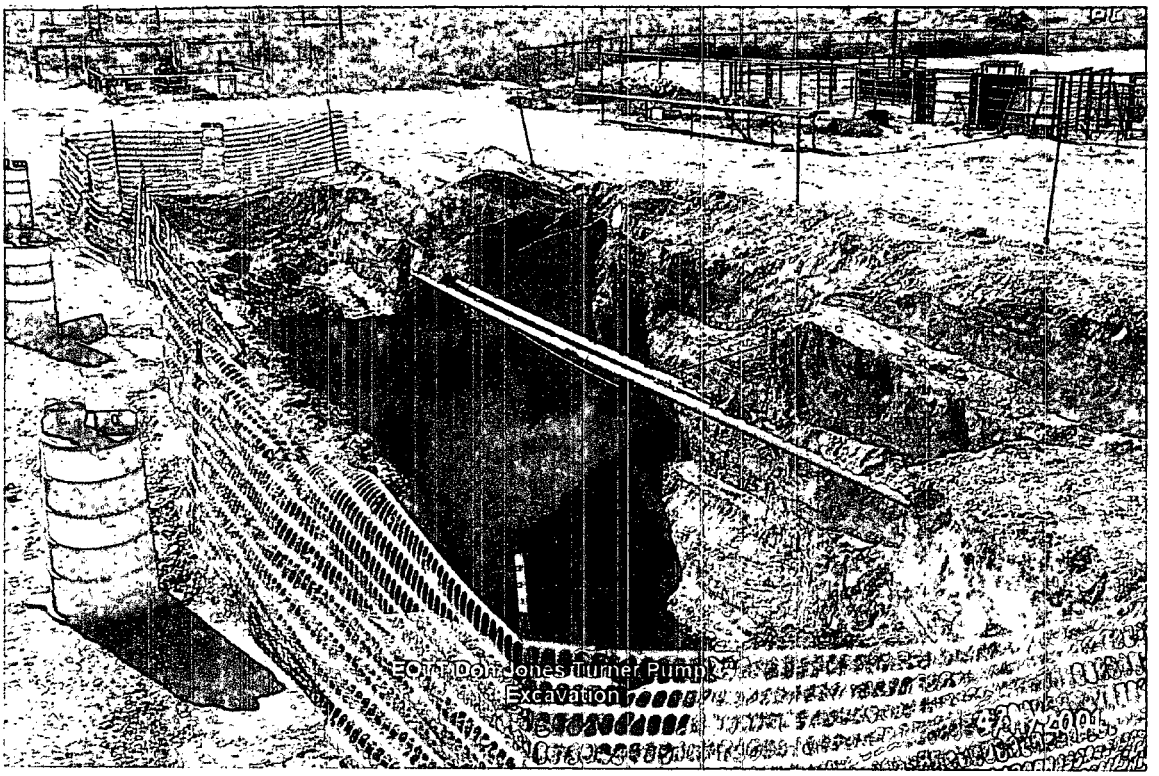
Attachment II: Photographs


EOTT Don Jones Turner Pump "I"
Initial Response
3/26/2001


EOTT Don Jones Turner Pump "I"
Initial Response
3/26/2001

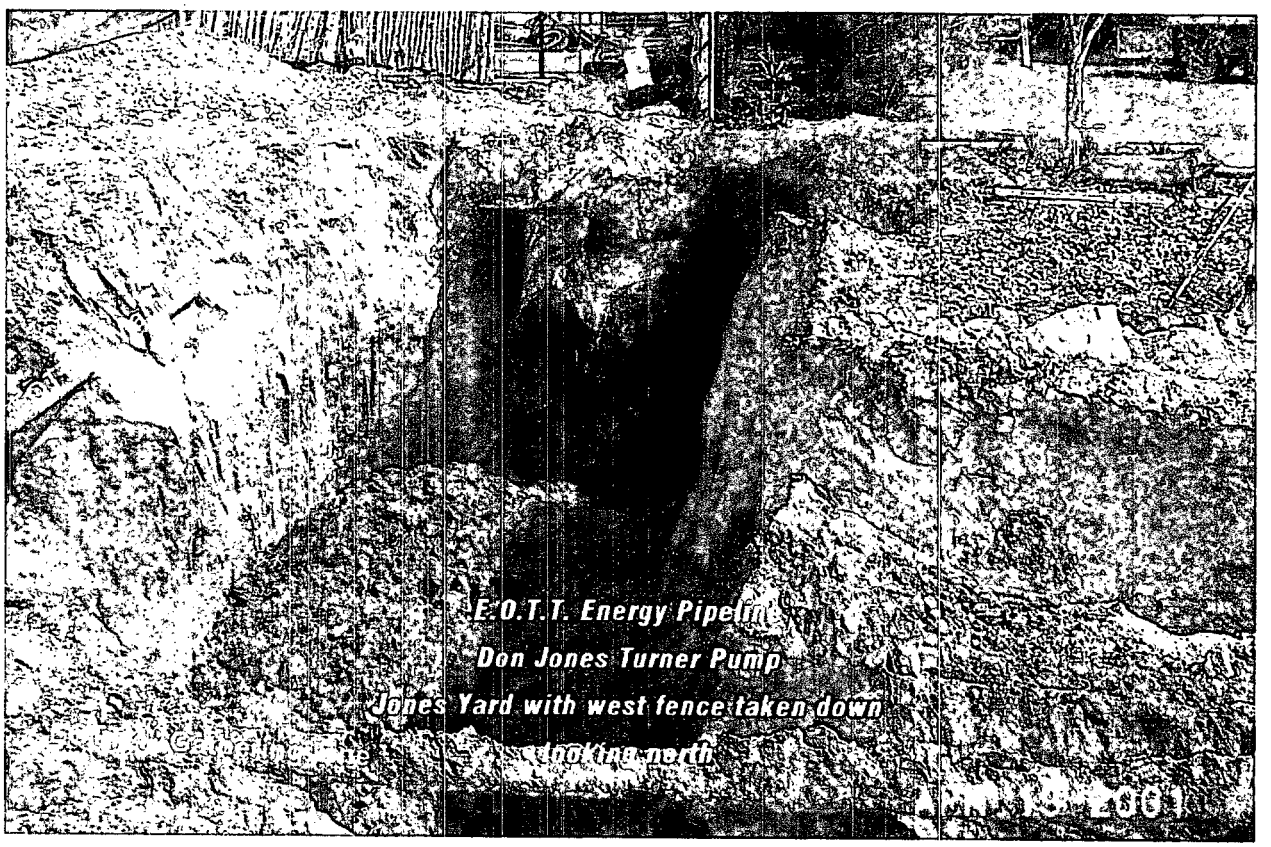

West Water Well
Turner Pump
South Water Well
EOTT/Don Jones Turner Pump 3"
Looking east toward leak
3/27/2001

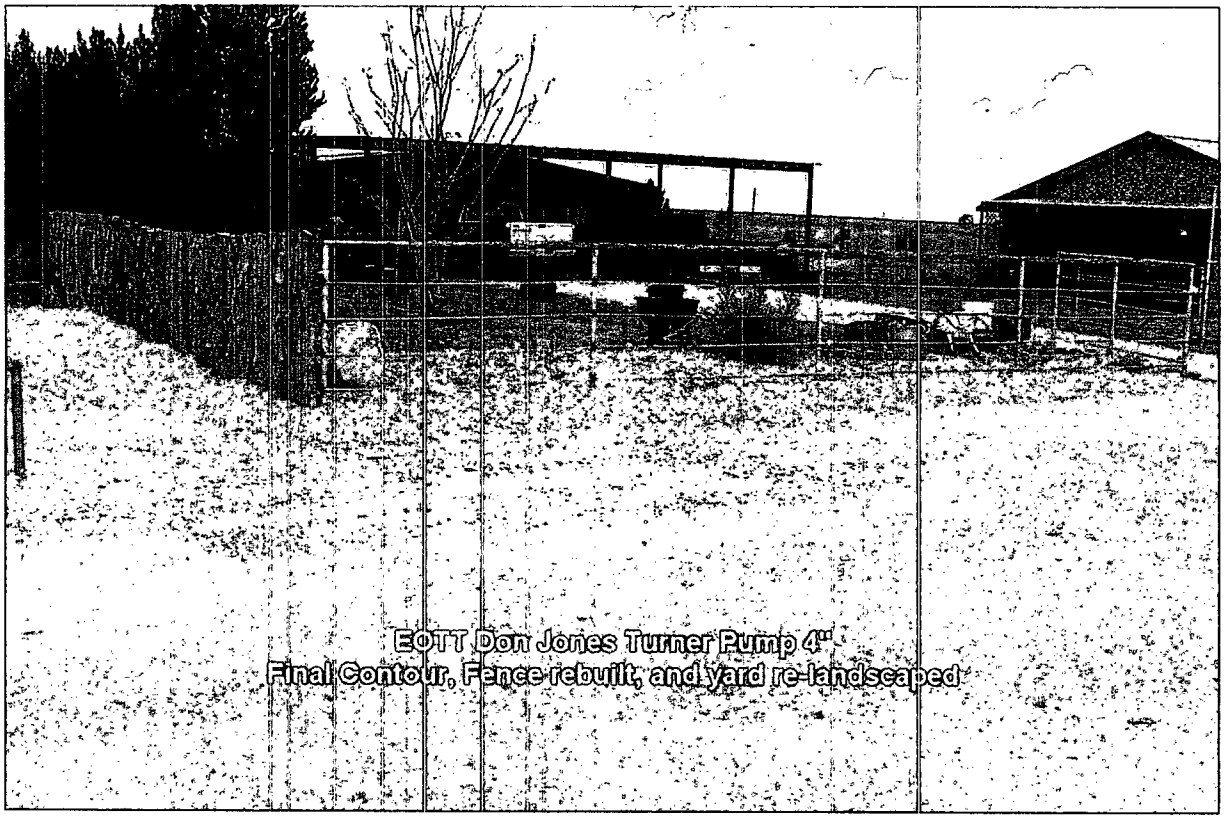

EOTT/Don Jones Turner Pump 3"
Looking west
4/2/2001


EOTT Don Jones Turner Pump
Excavation

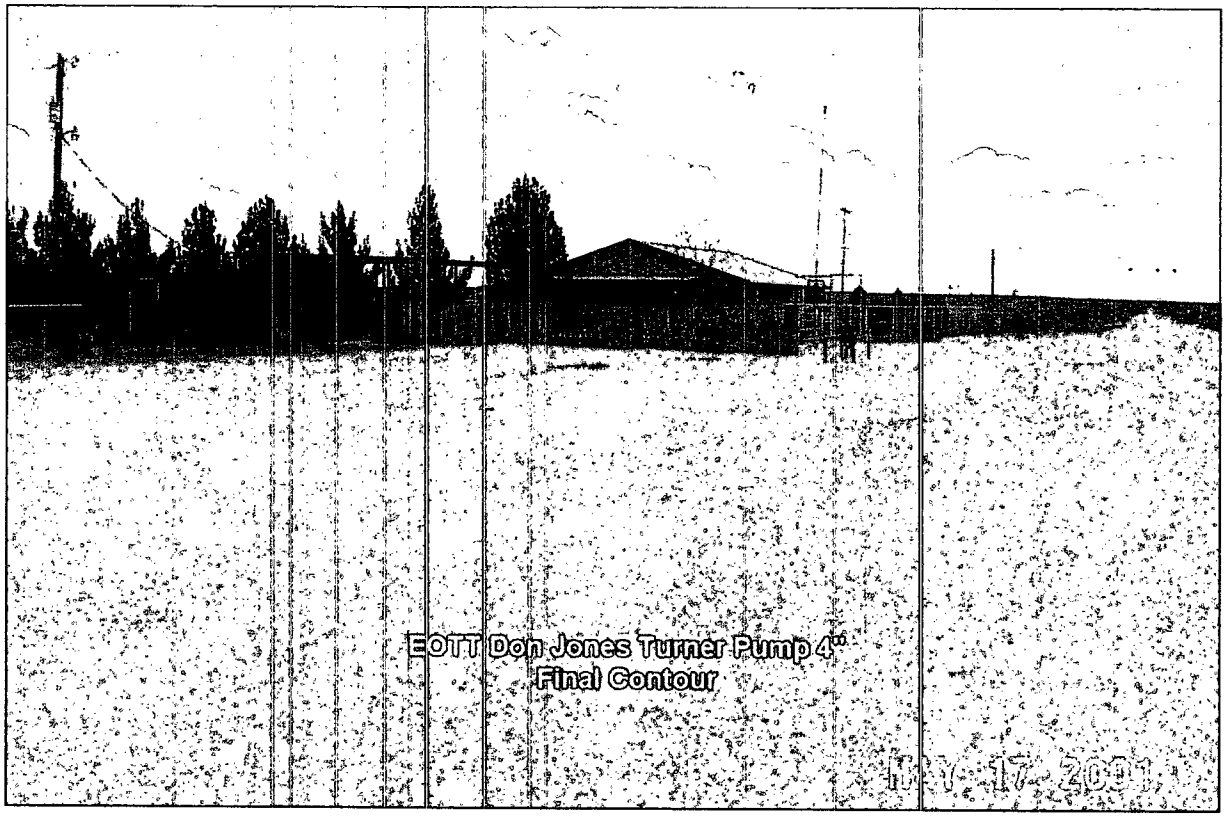

EOTT 6" Mainline
EOTT 4" Gathering Line to Turner Pump
EOTT Energy Pipeline
Don Jones Turner Pump 4"


EOTT Don Jones Turner Pump
Northeast Excavation Botto
APR 19 2001


E.O.T.T. Energy Pipelin
Don Jones Turner Pump
Jones Yard with west fence taken down
looking north



EOTT Don Jones Turner Pump 4"
Final Contour, Fence rebuilt, and yard re-landscaped



EOTT Don Jones Turner Pump 4"
Final Contour

Attachment III: Results Summary and Original Analytical Reports

E.O.T.T. ENERGY PIPELINE
TURNER PUMP DATA SUMMARY

BOREHOLE/SAMPLE LOCATION	SAMPLE DESCRIPTION	DATE	SAMPLING INTERVAL (FT. BGS)	LITHOLOGY	SAMPLE ID#	HEADSPACE VOC (PPM)	GRO[1] MG/KG	DRO[2] MG/KG	GRO+DRO TPH[7] - MG/KG	BTEX[3] MG/KG	BENZENE MG/KG	TOLUENE MG/KG	EHTYL BENZENE MG/KG	M,P-XYLENE MG/KG	O-XYLENE MG/KG	CHLORIDE MG/KG
							DETECTION LIMIT IS <10 MG/KG				DETECTION LIMITS ARE <0.025					
BOREHOLE 1	DISCRETE	3/27/2001	2	TAN SAND	EDJS32701BH1-2	2.1	10[6]	44	44	0.125	0.025	0.025	0.025	0.025	0.025	NA[4]
BOREHOLE 1	DISCRETE	3/27/2001	5	BROWN SAND	EDJS32701BH1-5	52.2	10	128	138[5]	0.153	0.025	0.025	0.025	0.053	0.025	NA
BOREHOLE 1	DISCRETE	3/27/2001	10	BROWN SAND	EDJS32701BH1-10	6.8	10	119	129	0.125	0.025	0.025	0.025	0.025	0.025	277
BOREHOLE 1	DISCRETE	3/27/2001	15	BROWN SAND & ROCK	EDJS32701BH1-15	5.5	10	79	89	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 1	DISCRETE	3/27/2001	20	BROWN SAND	EDJS32701BH1-20	6.3	10	238	248	0.125	0.025	0.025	0.025	0.025	0.025	10
BOREHOLE 2	DISCRETE	3/27/2001	2	BROWN SAND	EDJS32701BH2-2	3.8	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 2	DISCRETE	3/27/2001	5	BROWN SAND	EDJS32701BH2-5	31.4	10	677	687	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 2	DISCRETE	3/27/2001	10	BROWN SAND	EDJS32701BH2-10	13.4	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	59
BOREHOLE 2	DISCRETE	3/27/2001	15	BROWN SAND	EDJS32701BH2-15	5.1	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 2	DISCRETE	3/27/2001	20	BROWN SAND	EDJS32701BH2-20	3.7	10	97	107	0.125	0.025	0.025	0.025	0.025	0.025	10
BOREHOLE 2	DISCRETE	3/27/2001	25	BROWN SAND	EDJS32701BH2-25	2.2	10	610	620	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 2	DISCRETE	3/27/2001	30	BROWN SAND	EDJS32701BH2-30	3.4	10	152	162	0.125	0.025	0.025	0.025	0.025	0.025	10
BOREHOLE 2	DISCRETE	3/27/2001	35	BROWN SAND	EDJS32701BH2-35	2.6	10	427	437	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 2	DISCRETE	3/27/2001	40	BROWN SAND	EDJS32701BH2-40	2.1	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	20
BOREHOLE 3	DISCRETE	3/28/2001	2	LIGHT BROWN SAND	EDJS32701BH3-2	5.0	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/28/2001	5	BROWN SAND	EDJS32801BH3-5	4.6	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/28/2001	10	BROWN SAND	EDJS32801BH3-10	5.9	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	44
BOREHOLE 3	DISCRETE	3/28/2001	15	BROWN SAND	EDJS32801BH3-15	1.9	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/28/2001	20	BROWN SAND	EDJS32801BH3-20	6.1	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	56
BOREHOLE 3	DISCRETE	3/28/2001	25	BROWN SAND	EDJS32801BH3-25	3.1	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/28/2001	30	BROWN SAND	EDJS32801BH3-30	1.7	10	10	20	0.135	0.025	0.025	0.025	0.035	0.025	57
BOREHOLE 3	DISCRETE	3/28/2001	35	BROWN SAND	EDJS32801BH3-35	2.5	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/28/2001	40	BROWN SAND	EDJS32801BH3-40	1.7	10	181	191	0.150	0.025	0.025	0.025	0.050	0.025	71
BOREHOLE 3	DISCRETE	3/28/2001	45	BROWN SAND	EDJS32801BH3-45	1.4	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA
BOREHOLE 3	DISCRETE	3/29/2001	50	BROWN SAND	EDJS32901BH3-50	1.6	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	10
BOREHOLE 3	DISCRETE	3/29/2001	55	BROWN SAND	EDJS32901BH3-55	1.3	10	10	20	0.125	0.025	0.025	0.025	0.025	0.025	NA

E.O.T.T. Energy Pipeline
Turner Pump Data Summary

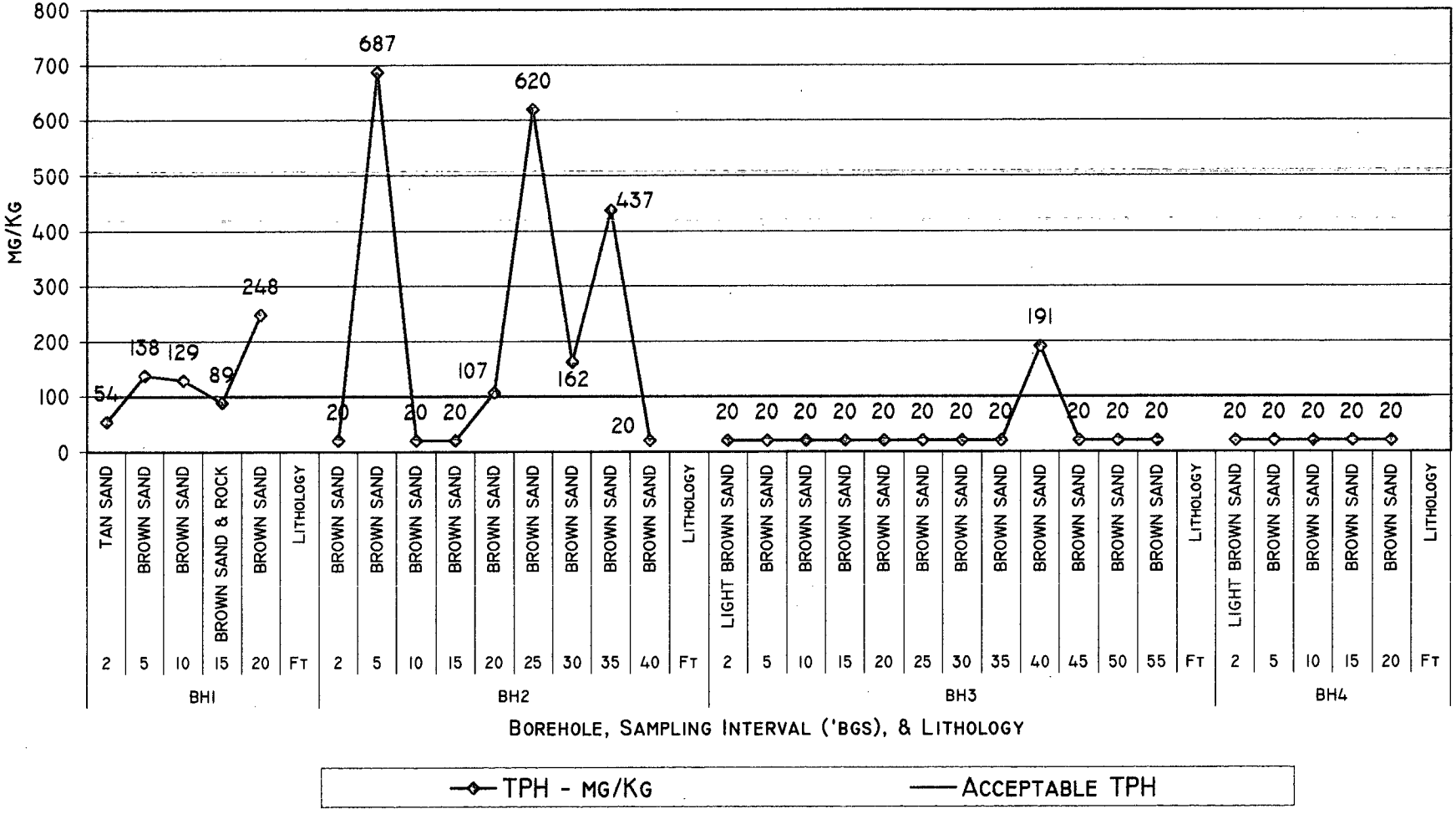
Borehole/Sample Location	Sample Description	Date	Sampling Interval (Ft. BGS)	Lithology	Sample ID#	Headspace VOC (PPM)	GRO[1] MG/KG	DRO[2] MG/KG	GRO+DRO TPH[3] - MG/KG	BTEX[3] MG/KG	Benzene MG/KG	Toluene MG/KG	Ehtyl Benzene MG/KG	M,P-Xylene MG/KG	O-Xylene MG/KG	Chloride MG/KG
							Detection Limit is <10 MG/KG				*Detection Limits are <0.025*					
Borehole 4	Discrete	3/29/2001	2	Light Brown Sand	EDJS32901BH4-2	3.7	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 4	Discrete	3/29/2001	5	Brown Sand	EDJS32901BH4-5	5.9	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 4	Discrete	3/29/2001	10	Brown Sand	EDJS32901BH4-10	5.7	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	89
Borehole 4	Discrete	3/29/2001	15	Brown Sand	EDJS32901BH4-15	3.9	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 4	Discrete	3/29/2001	20	Brown Sand	EDJS32901BH4-20	3.2	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	44
Borehole 5	Discrete	3/29/2001	2	Light Brown Sand	EDJS32901BH5-2	9.9	119	5586	5705	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 5	Discrete	3/29/2001	5	Brown Sand	EDJS32901BH5-5	1150.0	1348	2116	3464	114.040	3.040	27.300	19.100	45.000	19.600	*10*
Borehole 5	Discrete	3/29/2001	10	Brown Sand	EDJS32901BH5-10	950.0	1178	1428	2606	100.210	2.810	27.100	16.700	39.800	13.800	59
Borehole 5	Discrete	3/29/2001	15	Brown Sand	EDJS32901BH5-15	857.0	1513	1894	3407	99.090	1.690	21.400	14.800	44.900	16.300	*10*
Borehole 5	Discrete	3/29/2001	20	Brown Sand	EDJS32901BH5-20	150.0	48	122	170	1.802	*0.025*	0.201	0.165	1.090	0.321	*10*
Borehole 5	Discrete	3/29/2001	25	Brown Sand	EDJS32901BH5-25	78.6	20	122	142	0.239	*0.025*	0.054	0.039	0.096	*0.025*	*10*
Borehole 5	Discrete	3/29/2001	30	Brown Sand	EDJS32901BH5-30	18.9	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 6	Discrete	3/29/2001	2	Light Brown Sand	EDJS32901BH2-2	2.1	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 6	Discrete	3/29/2001	5	Brown Sand	EDJS32901BH2-5	1.0	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 6	Discrete	3/29/2001	10	Brown Sand	EDJS32901BH2-10	0.7	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	66
Borehole 6	Discrete	3/29/2001	15	Brown Sand	EDJS32901BH2-15	0.4	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
Borehole 6	Discrete	3/29/2001	20	Brown Sand	EDJS32901BH2-20	0.1	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	41
Bore Hole 1A	Discrete	4/23/2001	2	Light Brown Sand	ETPS42301BH1-2	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	195
Bore Hole 1A	Discrete	4/23/2001	5	Brown Sand	ETPS42301BH1-5	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	810
Bore Hole 1A	Discrete	4/23/2001	10	Brown Sand	ETPS42301BH1-10	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	402
Bore Hole 1A	Discrete	4/23/2001	15	Brown Sand	ETPS42301BH1-15	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	213
Bore Hole 1A	Discrete	4/23/2001	20	Brown Sand	ETPS42301BH1-20	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	230
Bore Hole 1A	Discrete	4/23/2001	25	Brown Sand	ETPS42301BH1-25	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	372
Bore Hole 1A	Discrete	4/23/2001	30	Brown Sand	ETPS42301BH1-30	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	504
Bore Hole 1A	Discrete	4/23/2001	35	Brown Sand	ETPS42301BH1-35	NA	10	133	143	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	279
Bore Hole 1A	Discrete	4/23/2001	40	Brown Sand	ETPS42301BH1-40	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	300

E.O.T.T. Energy Pipeline
Turner Pump Data Summary

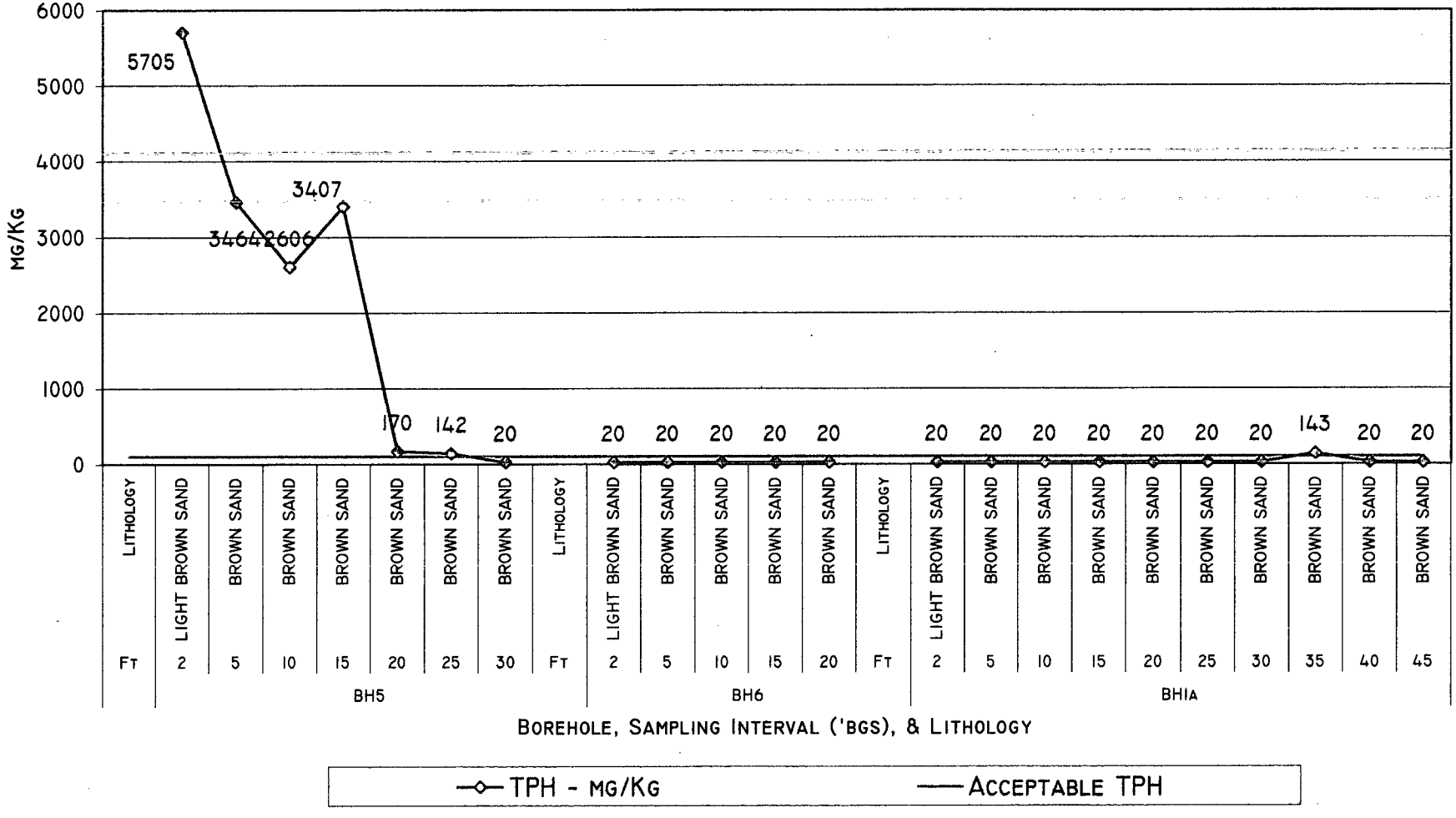
Borehole/Sample Location	Sample Description	Date	Sampling Interval (Ft. BGS)	Lithology	Sample ID#	Headspace VOC (PPM)	GRO[1] mg/kg	DRO[2] mg/kg	GRO+DRO TPH[7] - mg/kg	BTEX[5] mg/kg	Benzene mg/kg	Toluene mg/kg	Ehtyl Benzene mg/kg	M,P-Xylene mg/kg	O-Xylene mg/kg	Chloride mg/kg
							Detection Limit is <10 mg/kg			*Detection Limits are <0.025*						
Bore Hole 1A	Discrete	4/23/2001	45	Brown Sand	ETPS42301BH1-45	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	355
Bottom Hole	Compliance Composite	4/5/2001	35-40	Caliche/Clay	S4501ETPBHCI	NA	10	10	20	0.137	*0.025*	*0.025*	*0.025*	0.037	*0.025*	14
East Side Wall	Compliance Composite	4/5/2001	Side Wall	Caliche/Sand	S4501ETPESWCI	NA	10	10	20	0.880	*0.025*	0.136	0.140	0.404	0.175	31
North Side Wall	Compliance Composite	4/5/2001	Side Wall	Caliche/Sand	S4501ETPNSWCI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*10*
South Side Wall	Compliance Composite	4/5/2001	Side Wall	Caliche/Sand	S4501ETPSSWCI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	11
West Side Wall	Compliance Composite	4/5/2001	Side Wall	Caliche/Sand	S4501ETPWSWCI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	39
Surface	Composite	4/18/2001	Surface	Caliche/Sand	ETPS41801	NA	10	230	240	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	44
Surface	Composite	4/19/2001	Surface	Caliche/Sand	ETPS41901GSI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	379
Bottom Hole	Compliance Composite	4/19/2001	35-40	Caliche/Sand	ETPS41901BHI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	53
North East Side Wall	Composite	4/19/2001	Side Wall	Caliche/Sand	ETPS41901SWI	NA	10	1110	1120	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	367
Backfill	Composite	4/23/2001	Surface	Brown Sand	ETPS42301BF	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	18
North East Side Wall	Compliance Composite	5/1/2001	Side Wall	Caliche/Sand	ETPS50101NESWI	NA	10	10	20	0.125	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	239
Soil Column (10' x 10' x 20') beneath the valve setting at the mainline junction	Composite	5/9/2001	Column Wall	Caliche/Sand	ETPS50901VS5	NA			17845[8]	46.410	*0.100*	7.250	5.390	25.800	7.870	35

[1]GRO - Gasoline Range Organics C_6-C_{10}
[2]DRO - Diesel Range Organics C_{10}-C_{28}
[5]BTEX - The sum of Benzene, Toluene, Ethyl Benzene, and M,P, &O Xylene
[4]NA - not analyzed
[5]**Bolded values** are in excess of the New Mexico Oil Conservation Division Guideline Threshold for the parameter
[6]*Italicized values are < the instrument detection limit.*
[7]GRO+DRO (TPH) - Total Petroleum Hydrocarbon EPA Method 8015M
[8]Value derived using EPA Method 418.1

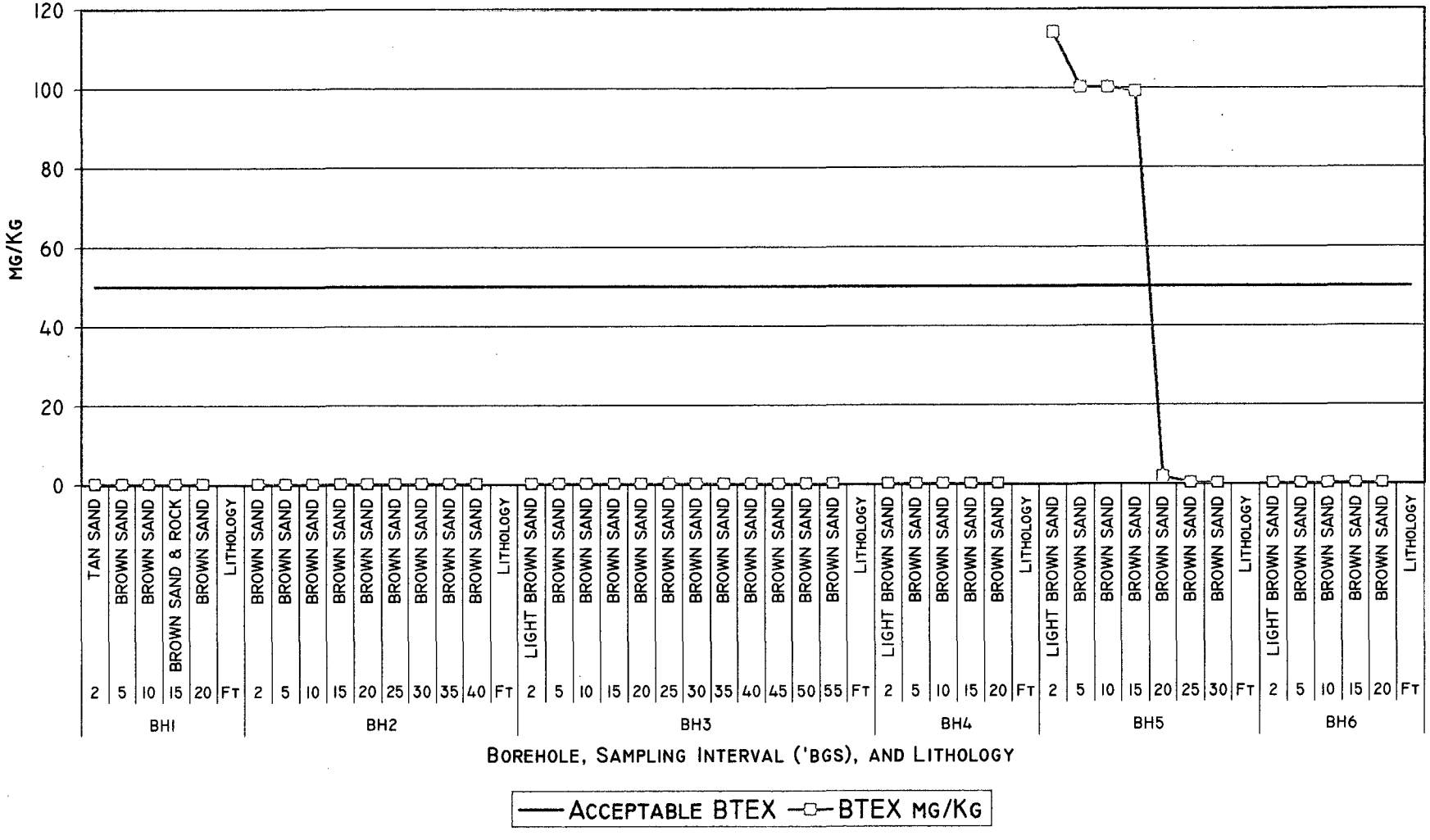
E.O.T.T. Energy Pipeline
Don Jones Turner Pump
Delineation of Subsurface Total Petroleum Hydrocarbon
Boreholes #1, 2, 3 & 4



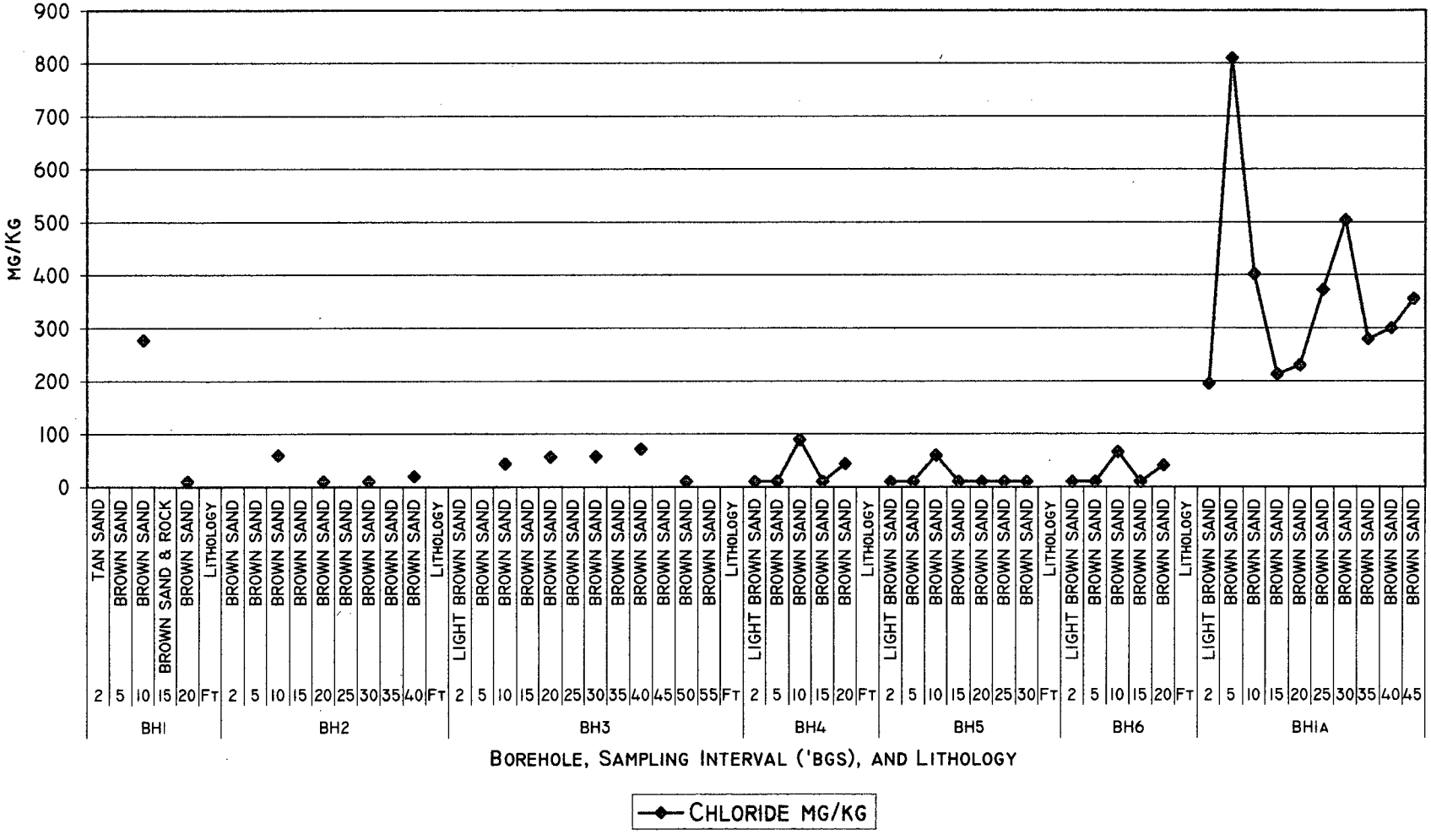
E.O.T.T. Energy Pipeline
Don Jones Turner Pump
Delineation of Subsurface Total Petroleum Hydrocarbon
Boreholes #5, 6, & 1A



E.O.T.T. Energy Pipeline
Don Jones Turner Pump
Delineation of Subsurface BTEX Concentrations



E.O.T.T. Energy Pipeline
Don Jones Turner Pump
Delineation of Subsurface Chloride Concentrations



E.O.T.T. Energy Pipeline

Don Jones Turner Pump Ground Water Data

Parameter	Units	3/27/2001	3/27/2001	3/27/2001	3/27/2001	3/29/2001
		Don Jones West Well	Don Jones West Well	Don Jones South Well	Don Jones South Well	Borehole 3 (temporary MW)
		DONJ32701EWEST	DONJ32701GWEST	DONJ32701ESOUTH	DONJ32701GSOUTH	DONJ32901BH3
		Environmental Lab of Texas	Trace Analysis, Inc.	Environmental Lab of Texas	Trace Analysis, Inc.	Environmental Lab of Texas
TPH[1] (GRO)[2]	MG/L	*0.5*[5]	*5.0*	*0.5*	*0.1*	*0.5*
TPH (DRO)[3]	MG/L	*0.5*	*0.1*	*0.5*	*5.0*	*0.5*
TPH (DRO+GRO)	MG/L	1.0	5.1	1.0	5.1	1.0
Benzene	MG/L	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*
Toluene	MG/L	*0.001*	*0.001*	*0.001*	*0.001*	0.003
Ethyl Benzene	MG/L	*0.001*	*0.001*	*0.001*	*0.001*	0.003
m, p-XYLENE	MG/L	*0.001*	*0.001*	*0.001*	*0.001*	0.005
o-XYLENE	MG/L	*0.001*	*0.001*	*0.001*	*0.001*	0.002
BTEX[4]	MG/L	0.005	0.005	0.005	0.005	0.014
Naphthalene	MG/L	ND[6]	*0.005*	ND	*0.005*	<ND[7]
Acenaphthylene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Acenaphthene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Fluorene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Phenanthrene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Anthracene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Fluoranthene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Pyrene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Benzo[a]anthracene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Chrysene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Benzo[b]fluoranthene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Benzo[k]fluoranthene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Benzo[a]pyrene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Indeno[1,2,3,-cd]pyrene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Dibenzo[a,h]anthracene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Benzo[g,h,i]perylene	MG/L	ND	*0.005*	ND	*0.005*	<ND
Potassium (K)	MG/L	17.77	16	12.82	13.1	19.05
Magnesium (Mg)	MG/L	231.1	236	156.7	181.0	133.9
Calcium (Ca)	MG/L	574.2	611	394.4	475.0	196.2
Sodium (Na)	MG/L	292.1	361	244.4	302.0	288.6
Nitrate - N (NO_3)	MG/L	NA[8]	1.1	NA	1.1	NA
Fluoride (F)	MG/L	NA	2.7	NA	206.0	NA
Chloride (Cl)	MG/L	2091	1900	1400	1500.0	532
Sulfate (SO4)	MG/L	240	170	261	200.0	708.0
Bicarbonate (HCO3)	MG/L	216	242	148	154	524
Carbonate (CO3)	MG/L	2	*1.0*	2	*1.0*	*2*
Hydroxide (COH)	MG/L	NA	*1.0*	NA	*1.0*	NA
Total Alkalinity	MG/L		242		154.0	
Total Disolved Solids (TDS)	MG/L	6774	3900	4584	3000.0	2657
Conductivity (micromhos/cm)	umhos/cm	5850	6400	4340	5100	3160
pH	SU	7.07	7.3	7.21	7.4	7.02

[1] TPH - Total Petroleum Hydrocarbon

[2] GRO - Gasoline Range Organics C_6-C_{10}

[3] DRO - Diesel Range Organics C_{10}-C_{28}

[4] BTEX - Sum of Benzene, Toluene, Ethyl Benzene, and Total Xylene.

[5] *Italicized values are reported as "less than (<) the instrument detection limit."*

[6] ND - not detected at report limit of 0.005 mg/liter

[7] <ND - not detected at report limit of 0.006 mg/liter

[8] NA - Not Analyzed

E.O.T.T. Energy Pipeline

Don Jones Turner Pump Ground Water Data

Parameter	Units	7/13/2001 Don Jones Southeast Bathroom DJ7120ISEBATH AnalySys, Inc.	Parameter	Units	7/13/2001 Don Jones Southeast Bathroom DJ7120ISEBATH AnalySys, Inc.
TPH[1] (418.1)	mg/L	0.5230	Methyl methacrylate	µg/L	<5
GRO[2]	mg/L	NA[8]	Methylene Chloride	µg/L	<5
DRO[3]	mg/L	NA	o-Xylene	µg/L	<5
DRO+GRO	mg/L	NA	Propionitrile	µg/L	<100
1,1,1,2-Tetrachloroethane	µg/L	<5[5]	Styrene	µg/L	<5
1,1,1-Trichloroethane	µg/L	<5	Tetrachloroethene	µg/L	<5
1,1,2,2-Tetrachloroethane	µg/L	<5	Toluene	µg/L	<5
1,1,2-Trichloroethane	µg/L	<5	trans-1,2-Dichloroethene	µg/L	<5
1,1-Dichloroethane	µg/L	<5	trans-1,3-Dichloropropene	µg/L	<5
1,1-Dichloroethene	µg/L	<5	Trichloroethene	µg/L	<5
1,2,3-Trichloropropane	µg/L	<5	Trichlorofluoromethane	µg/L	<10
1,2,4-Trichlorobenzene	µg/L	<5	Vinyl Acetate	µg/L	<10
1,2-Dibromo-3-chloropropane	µg/L	<10	Vinyl Chloride	µg/L	<10
1,2-Dibromoethane	µg/L	<5	BTEX[4]	mg/L	ND[6]
1,2-Dichlorobenzene	µg/L	<5	Naphthalene	µg/L	<0.05
1,2-Dichloroethane	µg/L	<5	1-Methylnaphthalene	µg/L	<0.05
1,2-Dichloropropane	µg/L	<5	2-Methylnaphthalene	µg/L	<0.05
1,3-Dichlorobenzene	µg/L	<5	Benzo[a]pyrene	µg/L	<0.05
1,4-Dichloro-2-butene	µg/L	<100	Aluminum/ICP	mg/L	0.424
1,4-Dichlorobenzene	µg/L	<5	Arsenic/ICP	mg/L	<0.05
1,4-Dioxane	µg/L	<100	Barium/ICP	mg/L	0.0753
2-Butanone (MEK)	µg/L	<10	Boron/ICP	mg/L	0.2890
2-Hexanone	µg/L	<20	Cadmium/ICP	mg/L	<0.005
4-Methyl-2-pentanone (MIBK)	µg/L	<10	Chromium/ICP	mg/L	<0.01
Acetone	µg/L	<50	Cobalt/ICP	mg/L	<0.02
Acetonitrile	µg/L	<100	Copper/ICP	mg/L	<0.02
Acrolein	µg/L	<50	Iron/ICP	mg/L	<0.05
Acrylonitrile	µg/L	<50	Lead/ICP	mg/L	<0.02
Allyl chloride	µg/L	<5	Manganese/ICP	mg/L	<0.01
Benzene	µg/L	<5	Mercury/CVAA	mg/L	<0.0002
Bromodichloromethane	µg/L	<5	Molybdenum/ICP	mg/L	<0.02
Bromoform	µg/L	<5	Nickel/ICP	mg/L	<0.02
Bromomethane	µg/L	<10	Selenium/ICP	mg/L	<0.05
Carbon disulfide	µg/L	<10	Silver/GFAA	mg/L	<0.002
Carbon tetrachloride	µg/L	<5	Zinc/ICP	mg/L	0.0175
Chlorobenzene	µg/L	<5	Potassium (K)/AA	mg/L	11.9
Chloroethane	µg/L	<10	Magnesium (Mg)/ICP	mg/L	20.2
Chloroform	µg/L	<5	Calcium (Ca)	mg/L	44.8
Chloromethane	µg/L	<5	Sodium (Na)/ICP	mg/L	201.0
Dibromomethane	µg/L	<5	Nitrate/Nitrite -N	mg/L	0.222
Dichlorodifluoromethane	µg/L	<10	Fluoride (F)	mg/L	1.9
Ethyl methacrylate	µg/L	<5	Chloride (Cl)	mg/L	1560.0
Ethylbenzene	µg/L	<5	Sulfate (SO4)	mg/L	191.0
Iodomethane	µg/L	<5	Total Alkalinity	mg/L	150.0
Isobutanol	µg/L	<100	Total Disolved Solids (TDS)	mg/L	5300.0
M, P-Xylenes	µg/L	<5	Conductivity	µS/cm	3500
Methacrylonitrile	µg/L	<100	pH	SU	7

[1]TPH - Total Petroleum Hydrocarbon

[2]GRO - Gasoline Range Organics C_6-C_{10}

[3]DRO - Diesel Range Organics C_{10}-C_{28}

[4]BTEX - Sum of Benzene, Toluene, Ethyl Benzene, and Total Xylene.

[5] *Italicized values are reported as "less than (<) the instrument detection limit."*

[6]ND - not detected at report limit of 0.005 mg/liter

[7]<ND - not detected at report limit of 0.006 mg/liter

[8]NA - Not Analyzed

Less than (<) values are considered "de minimus"

Environmental Lab of Texas, Inc.

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(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette
Phone #: 915-556-0190
FAX #: 915-684-3456

Company Name & Address: ENRON TRANSPORTATION SERVICES

Project #:
Project Name: Don Jones RANCH

Project Location: SW/4 Sec 23 T21S R37E
Sampler Signature:

ANALYSIS REQUEST

1 of 1

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015B	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	PAH 8270C	pH	Anions/Cations Conductivity
38550	DONJ32701EWEST	2	80ml	✓					✓					3/27/01	0930	✓										
	DONJ32701EWEST	1	1 liter	✓											0931									✓		
	DONJ32701EWEST	1	1 liter	✓											0932							✓			✓	✓
	DONJ32701EWEST	1	.5 liter	✓					✓						0933		✓									
38551	DONJ32701ESOUTH	2	80ml	✓					✓						0945	✓										
	DONJ32701ESOUTH	1	1 liter	✓											0946									✓		
	DONJ32701ESOUTH	1	1 liter	✓											0947							✓			✓	✓
	DONJ32701ESOUTH	1	.5 liter	✓					✓						0948		✓									

Relinquished by:	Date:	Times:	Received by:
	3-27-01	1120	
Relinquished by:	Date:	Times:	Received by:
	03-27-01	1435	Jeanne McMurry
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
FAX Results to W. Brunette & Rec 2.0°C
Pat McCasland (ERI) 505.394.2601
RUSH ASAP by Thurs. 3/29/01

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/Iced/ HCl/ 2.0 deg C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/27/01

ELT#	FIELD CODE	GRO C6-C10 mg/L	DRO >C10-C28 mg/L
38550	DONJ32701EWEST	<0.5	<0.5
38551	DONJ32701ESOUTH	<0.5	<0.5
	% IA	96	113
	%EA	98	111
	BLANK	<0.5	<0.5

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

3-28-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 2.0 deg. C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4, Sec 23, T21S, R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/27/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
38550	DONJ32701EWEST	<0.001	<0.001	<0.001	<0.001	<0.001
38551	DONJ32701ESOUTH	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	99	104	108	106	107
	%EA	98	104	108	107	109
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

3-28-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 2.0 deg. C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/28/01

ELT#	FIELD CODE	Na mg/L	Ca mg/L	Mg mg/L	K mg/L
38550	DONJ32701EWEST	292.1	574.2	231.1	17.77
38551	DONJ32701ESOUTH	244.4	394.4	156.7	12.82
	% INSTRUMENT ACCURACY	96	100	101	97
	% EXTRACTION ACCURACY	83	99	104	90
	BLANK	<0.01	<0.01	<0.001	<0.05

METHODS: SW846-6010B

Raland K. Tuttle

3-28-01
Date

ENVIRONMENTAL LAB OF , INC.

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ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 2.0 deg C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/27/01

ELT#	FIELD CODE	pH s.u.	Conductivity uS/cm	Chloride mg/L	Sulfate mg/L	Carbonate mg/L	Bicarbonate mg/L
38550	DONJ32701EWEST	7.07	5850	2091	240	<2	216
38551	DONJ32701ESOUTH	7.21	4340	1400	261	<2	148
	QUALITY CONTROL	7.01	1434	4963	51.6	*	*
	TRUE VALUE	7.00	1413	5000	50.0	*	*
	% IA	100	101	99	103	*	*
	BLANK	*	*	<10	<0.5	<2	<2

METHODS: EPA 325.3, 375.4, 310.1, 150.1, 120.1

Raland K. Tuttle

3-28-01
Date

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 2.0 deg. C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/28/01

ELT#	FIELD CODE	TDS mg/L
38550	DONJ32701EWEST	6774
38551	DONJ32701ESOUTH	4584
	BLANK	<10

METHODS: EPA 160.1

Raland K. Tuttle

3-28-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 2.0 deg. C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/28/01
Field Code: DONJ32701ESOUTH

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 38551	RPD	%EA	%DEV
Naphthalene	0.005	ND			1.8
Acenaphthylene	0.005	ND			-4.5
Acenaphthene	0.005	ND	9	93	-5.9
Fluorene	0.005	ND			-4.3
Phenanthrene	0.005	ND			6.6
Anthracene	0.005	ND			10.6
Fluoranthene	0.005	ND			-10.2
Pyrene	0.005	ND	20	76	-17.9
Benzo[a]anthracene	0.005	ND			-16.5
Chrysene	0.005	ND			-10.2
Benzo[b]fluoranthene	0.005	ND			10.2
Benzo[k]fluoranthene	0.005	ND			-12.9
Benzo [a]pyrene	0.005	ND			-11.7
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.8
Dibenz[a,h]anthracene	0.005	ND			6.8
Benzo[g,h,i]perylene	0.005	ND			-11.9

	% RECOVERY
Nitrobenzene-d5 SURR	106
2-Fluorobiphenyl SURR	100
p-Terphenyl-d14 SURR	129

ND= not detected at report limit.
Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

3-28-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 2.0 deg. C
Project #: None Given
Project Name: Don Jones Ranch
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/27/01
Analysis Date: 03/28/01
Field Code: DONJ32701EWEST

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 38550	RPD	%EA	%DEV
Naphthalene	0.005	ND			1.8
Acenaphthylene	0.005	ND			-4.5
Acenaphthene	0.005	ND	9	93	-5.9
Fluorene	0.005	ND			-4.3
Phenanthrene	0.005	ND			6.6
Anthracene	0.005	ND			10.6
Fluoranthene	0.005	ND			-10.2
Pyrene	0.005	ND	20	76	-17.9
Benzo[a]anthracene	0.005	ND			-16.5
Chrysene	0.005	ND			-10.2
Benzo[b]fluoranthene	0.005	ND			10.2
Benzo[k]fluoranthene	0.005	ND			-12.9
Benzo [a]pyrene	0.005	ND			-11.7
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.8
Dibenz[a,h]anthracene	0.005	ND			6.8
Benzo[g,h,i]perylene	0.005	ND			-11.9

	% RECOVERY
Nitrobenzene-d5 SURR	89
2-Fluorobiphenyl SURR	103
p-Terphenyl-d14 SURR	121

ND= not detected at report limit.
Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

3-28-01
Date

ent By: TRACEANALYSIS; 7941298; 27 Mar'01 11:34AM;Job 508;Page 2/2

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

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: Enron Transportation Services — Phone #: 915-556-0190

Address: (Street, City, Zip) 5805 East Highway 80 Midland TX 79701 — Fax #: 915-684-3456

Contact Person: Wayne Brunette

Invoice to: (If different from above) PO. 2001-10930 Turner Pump

Project #: 2 mi NE Eunice Lea County NM — Project Name: Don Jones Ranch

Project Location: SW/4 Sec 23 T21S R37E — Sampler Signature: [signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

Analysis columns: MTBE 8021B/602; BTEX 8021B/602; TPH ~~418.1/TX1005~~ 8015B GRO 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; Anions/Cations alk; pH; TDS; Conductivity; Turn Around Time if different from standard; Hold

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	WATER	SOIL	AIR	SLUDGE	HCL	HNO3	NaHSO4	H_2SO_4	NaOH	ICE	NONE	DATE	TIME	Analysis Requested
167630	DONJ32701GWEST	2	80ml	✓				✓					✓		3-27-01	0730	BTEX
	DONJ32701GWEST	1	1 liter	✓									✓			0732	PAH
	DONJ32701GWEST	1	1 liter	✓									✓			0733	Anions/Cations, pH, TDS, Conductivity
	DONJ32701GWEST	1	1 liter	✓				✓					✓			0734	TPH
	~~DONJ32701GWEST~~																
167631	DONJ32701GSOUTH	2	80ml	✓				✓					✓			0800	BTEX
	DONJ32701GSOUTH	1	1 liter	✓									✓			0801	PAH
	DONJ32701GSOUTH	1	1 liter	✓									✓			0802	Anions/Cations, pH, TDS, Conductivity
	DONJ32701GSOUTH	1	1 liter	✓				✓					✓			0803	TPH

Relinquished by: [signature] Date: 3-27-01 Time: 0955 — Received by: [signature] Date: 3-27-01 Time: 0955

Relinquished by: [signature] Date: 3-27-01 Time: 12:15 — Received by: Date: Time:

Relinquished by: Date: Time: — Received at Laboratory by: [signature] Date: 3-27-01 Time: 1:15pm

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 4°
Log-in Review MS
Carrier Courier

REMARKS:
CoC Requests
FAX Results to W. Brunette 915-684-3456
+ Pat McCasland 505-394-2601
P.O. Box 1558
Eunice, NM 88231
Send ~~originals to~~ a copy Environmental Plus.

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

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

Wayne Brunette
Enron Pipeline Services
5805 East Highway 80
Midland, Tx. 79701

Report Date: April 10, 2001

Order ID Number: A01032722

Project Number: PO2001-10930
Project Name: Don Jones Turner Pump
Project Location: SW/4 Sec23 T215 R37E

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
167630	DONJ3270GWEST	Water	3/27/01	:	3/27/01
167631	DONJ32701GSOUTH	Water	3/27/01	:	3/27/01

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 16 pages and shall not be reproduced except in its entirety including the chain of custody (COC), without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 167630 - DONJ3270GWEST

Analysis: Alkalinity | Analytical Method: E 310.1 | QC Batch: QC10192 | Date Analyzed: 4/4/01
Analyst: RS | Preparation Method: N/A | Prep Batch: PB08771 | Date Prepared: 4/4/01

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		242	mg/L as CaCo3	1	1
Total Alkalinity		242	mg/L as CaCo3	1	1

Sample: 167630 - DONJ3270GWEST

Analysis: BTEX | Analytical Method: S 8021B | QC Batch: QC10108 | Date Analyzed: 3/28/01
Analyst: JW | Preparation Method: E 5030B | Prep Batch: PB08696 | Date Prepared: 3/28/01

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		0.085	mg/L	1	0.10	85	72 - 128
4-BFB		0.076	mg/L	1	0.10	76	72 - 128

Sample: 167630 - DONJ3270GWEST

Analysis: Conductivity | Analytical Method: SM 2510B | QC Batch: QC10160 | Date Analyzed: 4/2/01
Analyst: JS | Preparation Method: N/A | Prep Batch: PB08739 | Date Prepared: 4/2/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		6400	μMHOS/cm	1	

Sample: 167630 - DONJ3270GWEST

Analysis: Ion Chromatography (IC) | Analytical Method: E 300.0 | QC Batch: QC10042 | Date Analyzed: 3/27/01
Analyst: JS | Preparation Method: N/A | Prep Batch: PB08633 | Date Prepared: 3/27/01

Param	Flag	Result	Units	Dilution	RDL
CL		1900	mg/L	50	0.50
Fluoride		2.7	mg/L	5	0.20
Nitrate-N		1.1	mg/L	5	0.20
Sulfate		170	mg/L	5	0.50

Sample: 167630 - DONJ3270GWEST

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC10172	Date Analyzed:	3/31/01
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB08748	Date Prepared:	3/29/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		52.9	mg/L	1	80	66	35 - 114
2-Fluorobiphenyl		51.26	mg/L	1	80	64	43 - 116
Terphenyl-d14		63.71	mg/L	1	80	79	33 - 141

Sample: 167630 - DONJ3270GWEST

Analysis:	Salts	Analytical Method:	E 200.7	QC Batch:	QC10294	Date Analyzed:	4/4/01
Analyst:	LDB	Preparation Method:	E 3005 A	Prep Batch:	PB08726	Date Prepared:	4/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		611	mg/L	1	0.05
Dissolved Magnesium		236	mg/L	1	0.05
Dissolved Potassium		16.0	mg/L	1	0.05
Dissolved Sodium		361	mg/L	1	0.05

Sample: 167630 - DONJ3270GWEST

Analysis:	TDS	Analytical Method:	E 160.1	QC Batch:	QC10169	Date Analyzed:	3/30/01
Analyst:	JS	Preparation Method:	N/A	Prep Batch:	PB08746	Date Prepared:	3/29/01

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		3900	mg/L	5	10

Sample: 167630 - DONJ3270GWEST

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC10081	Date Analyzed:	3/29/01
Analyst:	BP	Preparation Method:	3510C - Mod.	Prep Batch:	PB08664	Date Prepared:	3/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Sample: 167630 - DONJ3270GWEST

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC10109	Date Analyzed:	3/28/01
Analyst:	JW	Preparation Method:	5030	Prep Batch:	PB08696	Date Prepared:	3/28/01

Param	Flag	Result	Units	Dilution	RDL
GRO		<0.1	mg/L	1	0.10

Sample: 167630 - DONJ3270GWEST

Analysis:	pH	Analytical Method:	E 150.1	QC Batch:	QC10148	Date Analyzed:	3/27/01
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB08730	Date Prepared:	3/27/01

Param	Flag	Result	Units	Dilution	RDL
pH		7.3	s.u.	1	1

Sample: 167631 - DONJ32701GSOUTH

Analysis:	Alkalinity	Analytical Method:	E 310.1	QC Batch:	QC10192	Date Analyzed:	4/4/01
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB08771	Date Prepared:	4/4/01

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		154	mg/L as CaCo3	1	1
Total Alkalinity		154	mg/L as CaCo3	1	1

Sample: 167631 - DONJ32701GSOUTH

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10108	Date Analyzed:	3/28/01
Analyst:	JW	Preparation Method:	E 5030B	Prep Batch:	PB08696	Date Prepared:	3/28/01

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		0.084	mg/L	1	0.10	84	72 - 128
4-BFB		0.074	mg/L	1	0.10	74	72 - 128

Sample: 167631 - DONJ32701GSOUTH

Analysis:	Conductivity	Analytical Method:	SM 2510B	QC Batch:	QC10160	Date Analyzed:	4/2/01
Analyst:	JS	Preparation Method:	N/A	Prep Batch:	PB08739	Date Prepared:	4/2/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		5100	µMHOS/cm	1	

Sample: 167631 - DONJ32701GSOUTH

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC10042 Date Analyzed: 3/27/01
Analyst: JS Preparation Method: N/A Prep Batch: PB08633 Date Prepared: 3/27/01

Param	Flag	Result	Units	Dilution	RDL
CL		1500	mg/L	50	0.50
Fluoride		2.6	mg/L	5	0.20
Nitrate-N		1.1	mg/L	5	0.20
Sulfate		200	mg/L	5	0.50

Sample: 167631 - DONJ32701GSOUTH

Analysis: PAH Analytical Method: S 8270C QC Batch: QC10172 Date Analyzed: 3/31/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB08748 Date Prepared: 3/29/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		45.02	mg/L	1	80	56	35 - 114
2-Fluorobiphenyl		51.11	mg/L	1	80	63	43 - 116
Terphenyl-d14		50.78	mg/L	1	80	63	33 - 141

Sample: 167631 - DONJ32701GSOUTH

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC10294 Date Analyzed: 4/4/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB08726 Date Prepared: 4/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		475	mg/L	1	0.05
Dissolved Magnesium		181	mg/L	1	0.05
Dissolved Potassium		13.1	mg/L	1	0.05

Continued ...

... *Continued* Sample: 167631 Analysis: Salts

Param	Flag	Result	Units	Dilution	RDL
Dissolved Sodium		302	mg/L	1	0.05

Sample: 167631 - DONJ32701GSOUTH

Analysis:	TDS	Analytical Method:	E 160.1	QC Batch:	QC10169	Date Analyzed:	3/30/01
Analyst:	JS	Preparation Method:	N/A	Prep Batch:	PB08746	Date Prepared:	3/29/01

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		3000	mg/L	5	10

Sample: 167631 - DONJ32701GSOUTH

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC10081	Date Analyzed:	3/29/01
Analyst:	BP	Preparation Method:	3510C - Mod.	Prep Batch:	PB08664	Date Prepared:	3/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Sample: 167631 - DONJ32701GSOUTH

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC10109	Date Analyzed:	3/28/01
Analyst:	JW	Preparation Method:	5030	Prep Batch:	PB08696	Date Prepared:	3/28/01

Param	Flag	Result	Units	Dilution	RDL
GRO		<0.1	mg/L	1	0.10

Sample: 167631 - DONJ32701GSOUTH

Analysis:	pH	Analytical Method:	E 150.1	QC Batch:	QC10148	Date Analyzed:	3/27/01
Analyst:	RS	Preparation Method:	N/A	Prep Batch:	PB08730	Date Prepared:	3/27/01

Param	Flag	Result	Units	Dilution	RDL
pH		7.4	s.u.	1	1

Quality Control Report
Method Blank

Method Blank

QCBatch: QC10042

Param	Flag	Results	Units	Reporting Limit
CL		<0.5	mg/L	0.50
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<0.5	mg/L	0.50

Method Blank

QCBatch: QC10081

Param	Flag	Results	Units	Reporting Limit
DRO		<5	mg/L	50

Method Blank

QCBatch: QC10108

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		0.088	mg/L	1	0.10	88	72 - 128
4-BFB		0.079	mg/L	1	0.10	79	72 - 128

Method Blank

QCBatch: QC10109

Param	Flag	Results	Units	Reporting Limit
GRO		<0.1	mg/L	0.10

Method Blank

QCBatch: QC10160

Param	Flag	Results	Units	Reporting Limit
Specific Conductance		2.9	μMHOS/cm	

Method Blank

QCBatch: QC10169

Param	Flag	Results	Units	Reporting Limit
Total Dissolved Solids		<10	mg/L	10

Method Blank

QCBatch: QC10172

Param	Flag	Results	Units	Reporting Limit
Naphthalene		<0.005	mg/L	0.005
Acenaphthylene		<0.005	mg/L	0.005
Acenaphthene		<0.005	mg/L	0.005
Fluorene		<0.005	mg/L	0.005
Phenanthrene		<0.005	mg/L	0.005
Anthracene		<0.005	mg/L	0.005
Fluoranthene		<0.005	mg/L	0.005
Pyrene		<0.005	mg/L	0.005
Benzo(a)anthracene		<0.005	mg/L	0.005
Chrysene		<0.005	mg/L	0.005
Benzo(b)fluoranthene		<0.005	mg/L	0.005
Benzo(k)fluoranthene		<0.005	mg/L	0.005
Benzo(a)pyrene		<0.005	mg/L	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		41.47	mg/L	1	80	51	35 - 114
2-Fluorobiphenyl		41.3	mg/L	1	80	51	43 - 116
Terphenyl-d14		39.98	mg/L	1	80	49	33 - 141

Method Blank

QCBatch: QC10192

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<0.005	mg/L as CaCo3	1
Carbonate Alkalinity		<0.005	mg/L as CaCo3	1
Bicarbonate Alkalinity		<0.005	mg/L as CaCo3	1
Total Alkalinity		<0.005	mg/L as CaCo3	1

Method Blank

QCBatch: QC10294

Param	Flag	Results	Units	Reporting Limit
Dissolved Calcium		<5.0	mg/L	0.05
Dissolved Magnesium		<5.0	mg/L	0.05
Dissolved Potassium		<5.0	mg/L	0.05

Continued ...

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Param	Flag	Results	Units	Reporting Limit
Dissolved Sodium		<5.0	mg/L	0.05

Quality Control Report
Duplicate Samples

Duplicate

QCBatch: QC10148

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH		8.7	8.7	s.u.	1	0	0.99

Duplicate

QCBatch: QC10160

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance		2422	2400	µMHOS/cm	1	0	4.6

Duplicate

QCBatch: QC10169

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids		3570	3900	mg/L	1	8	14

Duplicate

QCBatch: QC10192

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Bicarbonate Alkalinity		32	34	mg/L as CaCo3	1	6	7
Total Alkalinity		32	34	mg/L as CaCo3	1	6	7

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC10042

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
CL	11.67	11.75	mg/L	1	12.50	<0.5	93	0	90 - 110	20
Fluoride	2.37	2.44	mg/L	1	2.50	<0.2	94	2	90 - 110	20
Nitrate-N	2.41	2.42	mg/L	1	2.50	<0.2	96	0	90 - 110	20

Continued ...

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Sulfate	11.73	11.81	mg/L	1	12.50	<0.5	93	0	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: QC10081

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	26	22	mg/L	0.10	25	<5	104	168	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-Octane	18	18	mg/L	1	25	72	72	70 - 130

Laboratory Control Spikes

QCBatch: QC10108

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.1	0.09	mg/L	1	0.10	<0.001	100	10	80 - 120	20
Benzene	0.088	0.094	mg/L	1	0.10	<0.001	88	6	80 - 120	20
Toluene	0.09	0.095	mg/L	1	0.10	<0.001	90	5	80 - 120	20
Ethylbenzene	0.089	0.094	mg/L	1	0.10	<0.001	89	5	80 - 120	20
M,P,O-Xylene	0.263	0.28	mg/L	1	0.30	<0.001	87	6	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	0.085	0.085	mg/L	1	0.10	85	85	72 - 128
4-BFB	0.091	0.091	mg/L	1	0.10	91	91	72 - 128

Laboratory Control Spikes

QCBatch: QC10109

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	0.95	1	mg/L	1	1	<0.1	95	5	70 - 130	20

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

Laboratory Control Spikes

QCBatch: QC10172

Continued ...

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Naphthalene	55.59	56.36	mg/L	1	80	<0.005	69	1	21 - 133	20
Acenaphthylene	59.01	59.00	mg/L	1	80	<0.005	73	0	33 - 145	20
Acenaphthene	60.67	60.82	mg/L	1	80	<0.005	75	0	47 - 145	20
Fluorene	62.52	61.61	mg/L	1	80	<0.005	78	1	59 - 121	20
Phenanthrene	57.09	56.82	mg/L	1	80	<0.005	71	0	54 - 120	20
Anthracene	59.79	59.5	mg/L	1	80	<0.005	74	0	27 - 133	20
Fluoranthene	48.2	52.12	mg/L	1	80	<0.005	60	7	26 - 137	20
Pyrene	69.56	63.14	mg/L	1	80	<0.005	86	9	52 - 115	20
Benzo(a)anthracene	57.35	57.71	mg/L	1	80	<0.005	71	0	80 - 120	20
Chrysene	91.17	90.31	mg/L	1	80	<0.005	113	0	80 - 120	20
Benzo(b)fluoranthene	55.46	55.94	mg/L	1	80	<0.005	69	0	33 - 143	20
Benzo(k)fluoranthene	62.58	62.67	mg/L	1	80	<0.005	78	0	17 - 168	20
Benzo(a)pyrene	59.20	58.98	mg/L	1	80	<0.005	74	0	24 - 159	20
Indeno(1,2,3-cd)pyrene	58.11	59.17	mg/L	1	80	<0.005	72	1	0 - 171	20
Dibenzo(a,h)anthracene	67.96	70.68	mg/L	1	80	<0.005	84	3	0 - 227	20
Benzo(g,h,i)perylene	57.05	57.92	mg/L	1	80	<0.005	71	1	0 - 219	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	55.07	56.38	mg/L	1	80	68	70	35 - 114
2-Fluorobiphenyl	54.96	55.37	mg/L	1	80	68	69	43 - 116
Terphenyl-d14	51.91	47.91	mg/L	1	80	64	59	33 - 141

Laboratory Control Spikes

QCBatch: QC10294

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	104	103	mg/L	1	100	<5.0	104	0	75 - 125	20
Dissolved Magnesium	104	102	mg/L	1	100	<5.0	104	1	75 - 125	20
Dissolved Potassium	108	108	mg/L	1	100	<5.0	108	0	75 - 125	20
Dissolved Sodium	106	104	mg/L	1	100	<5.0	106	1	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: QC10042

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
CL	77.58	78.11	mg/L	1	62.50	21	90	0	52 - 131	20
Fluoride	14.10	13.91	mg/L	1	12.50	2.5	92	1	80 - 113	20

Continued ...

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Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Nitrate-N	13.26	13.17	mg/L	1	12.50	1.6	93	0	86 - 110	20
Sulfate	80.20	79.96	mg/L	1	62.50	22	93	0	71 - 121	20

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

Matrix Spikes

QCBatch: QC10294

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	1234	1233	mg/L	1	1000	188	104	0	75 - 125	20
Dissolved Magnesium	1256	1270	mg/L	1	1000	221	103	1	75 - 125	20
Dissolved Potassium	1125	1136	mg/L	1	1000	18.8	110	0	75 - 125	20
Dissolved Sodium	1414	1400	mg/L	1	1000	389	102	1	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: QC10042

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.33	93	90 - 110	3/27/01
CL		mg/L	12.50	11.55	92	90 - 110	3/27/01
Fluoride		mg/L	2.50	2.36	94	90 - 110	3/27/01
Nitrate-N		mg/L	2.50	2.42	96	90 - 110	3/27/01
Sulfate		mg/L	12.50	11.68	93	90 - 110	3/27/01

ICV (1)

QCBatch: QC10042

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.27	90	90 - 110	3/27/01
CL		mg/L	12.50	11.50	92	90 - 110	3/27/01
Fluoride		mg/L	2.50	2.34	93	90 - 110	3/27/01
Nitrate-N		mg/L	2.50	2.36	94	90 - 110	3/27/01
Sulfate		mg/L	12.50	11.57	92	90 - 110	3/27/01

CCV (1)

QCBatch: QC10081

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	218	84	85 - 115	3/29/01
n-Octane		mg/L	250	210	84	85 - 115	3/29/01

ICV (1) QCBatch: QC10081

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	240	93	85 - 115	3/29/01
n-Octane		mg/L	250	188	75	85 - 115	3/29/01

CCV (1) QCBatch: QC10108

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.092	92	85 - 115	3/28/01
Benzene		mg/L	0.10	0.093	93	85 - 115	3/28/01
Toluene		mg/L	0.10	0.094	94	85 - 115	3/28/01
Ethylbenzene		mg/L	0.10	0.092	92	85 - 115	3/28/01
M,P,O-Xylene		mg/L	0.30	0.273	91	85 - 115	3/28/01

CCV (2) QCBatch: QC10108

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.096	96	85 - 115	3/28/01
Benzene		mg/L	0.10	0.088	88	85 - 115	3/28/01
Toluene		mg/L	0.10	0.09	90	85 - 115	3/28/01
Ethylbenzene		mg/L	0.10	0.088	88	85 - 115	3/28/01
M,P,O-Xylene		mg/L	0.30	0.261	87	85 - 115	3/28/01

ICV (1) QCBatch: QC10108

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.099	99	85 - 115	3/28/01
Benzene		mg/L	0.10	0.088	88	85 - 115	3/28/01
Toluene		mg/L	0.10	0.09	90	85 - 115	3/28/01
Ethylbenzene		mg/L	0.10	0.088	88	85 - 115	3/28/01
M,P,O-Xylene		mg/L	0.30	0.262	87	85 - 115	3/28/01

CCV (1) QCBatch: QC10109

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1	1.06	106	85 - 115	3/28/01

CCV (2) QCBatch: QC10109

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1	1.06	106	85 - 115	3/28/01

ICV (1) QCBatch: QC10109

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1	1.06	106	85 - 115	3/28/01

CCV (1) QCBatch: QC10148

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.	3/27/01

ICV (1) QCBatch: QC10148

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.	3/27/01

CCV (1) QCBatch: QC10160

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μMHOS/cm	1412	1414	100	90 - 110	4/2/01

ICV (1) QCBatch: QC10160

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1412	1436	101	90 - 110	4/2/01

CCV (1) QCBatch: QC10169

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1008	100	90 - 110	3/30/01

ICV (1) QCBatch: QC10169

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	980	98	90 - 110	3/30/01

CCV (1) QCBatch: QC10172

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60	61.21	102	80 - 120	3/31/01
Acenaphthylene		mg/L	60	60.28	100	80 - 120	3/31/01
Acenaphthene		mg/L	60	60.55	100	80 - 120	3/31/01
Fluorene		mg/L	60	59.42	99	80 - 120	3/31/01
Phenanthrene		mg/L	60	60.14	100	80 - 120	3/31/01
Anthracene		mg/L	60	59.43	99	80 - 120	3/31/01
Fluoranthene		mg/L	60	52.06	86	80 - 120	3/31/01
Pyrene		mg/L	60	63.36	105	80 - 120	3/31/01
Benzo(a)anthracene		mg/L	60	61.02	101	80 - 120	3/31/01
Chrysene		mg/L	60	60.65	101	80 - 120	3/31/01
Benzo(b)fluoranthene		mg/L	60	61.22	102	80 - 120	3/31/01
Benzo(k)fluoranthene		mg/L	60	58.95	98	80 - 120	3/31/01
Benzo(a)pyrene		mg/L	60	60.96	101	80 - 120	3/31/01
Indeno(1,2,3-cd)pyrene		mg/L	60	66.13	110	80 - 120	3/31/01
Dibenzo(a,h)anthracene		mg/L	60	62.54	104	80 - 120	3/31/01
Benzo(g,h,i)perylene		mg/L	60	64.7	107	80 - 120	3/31/01
Nitrobenzene-d5		mg/L	60	61.64	102	80 - 120	3/31/01
2-Fluorobiphenyl		mg/L	60	58.91	98	80 - 120	3/31/01
Terphenyl-d14		mg/L	60	61.04	101	80 - 120	3/31/01

CCV (1) QCBatch: QC10192

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	4/4/01
Carbonate Alkalinity		mg/L as CaCo3	0	236	0	90 - 110	4/4/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	10	0	90 - 110	4/4/01
Total Alkalinity		mg/L as CaCo3	250	246	98	90 - 110	4/4/01

ICV (1)

QCBatch: QC10192

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	4/4/01
Carbonate Alkalinity		mg/L as CaCo3	0	240	0	90 - 110	4/4/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	4/4/01
Total Alkalinity		mg/L as CaCo3	250	240	96	90 - 110	4/4/01

CCV (1)

QCBatch: QC10294

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	25	100	75 - 125	4/4/01
Dissolved Magnesium		mg/L	25	25.5	102	75 - 125	4/4/01
Dissolved Potassium		mg/L	25	25.1	100	75 - 125	4/4/01
Dissolved Sodium		mg/L	25	25.7	102	75 - 125	4/4/01

ICV (1)

QCBatch: QC10294

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.5	98	75 - 125	4/4/01
Dissolved Magnesium		mg/L	25	25.3	101	75 - 125	4/4/01
Dissolved Potassium		mg/L	25	25.9	103	75 - 125	4/4/01
Dissolved Sodium		mg/L	25	26.2	104	75 - 125	4/4/01

[redacted] Environmental [redacted] Lab of Texas, [redacted] 12600 West I-[redacted] East [redacted], [redacted] 79765 [redacted]
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: WAYNE BRUNETTE EOTT
Phone #: 915 · 556 · 0190
FAX #: 915 · 684 · 3456
Company Name & Address: E.O.T.T.
Project #:
Project Name: DON JONES TURNER PUMP
Project Location: SW 1/4 Sec 23 T21S R37E
Sampler Signature: Bradley Blevins

ANALYSIS REQUEST — 1 of 1

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX ~~8020~~ 8021B	TPH	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	PAH 8270C	pH	Anions / Cations	Conductivity
38654	DONJ32901BH3	1	80ml	✓					✓					3-29-01	2:00	✓								✓			
	DONJ32901BH3	1	1Lit	✓										3-29-01	2:10												
	DONJ32901BH3	1	1Lit	✓										3-29-01	8:12							✓			✓	✓	✓
	DONJ32901BH3	1	1Lit	✓										3-29-01	2:15						✓						
	DONJ32901BH3	1	1Lit	✓																							
	DONJ32901BH3	1	80ml	✓					✓					2-29	2:12	✓											
	DONJ32901BH3	1	.5L	✓					✓					3-29	2:00		✓										

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	3-30	6:40	Roger Boone
Roger Boone			
	3-30-01	0837	Received by Laboratory:

REMARKS
Original to W. Brunette & P. McCasland EPI.
FAX + or E-mail to W. Brunette + P. McCasland 394-2601

3°C

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 3 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: 04/02/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
38654	DONJ32901BH3	<0.001	0.003	0.003	0.005	0.002
%IA		89	95	99	98	99
%EA		89	95	99	98	99
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-9-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/Iced/ HCl/ 3 deg C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: 04/06/01

ELT#	FIELD CODE	GRO C6-C10 mg/L	DRO >C10-C28 mg/L
38654	DONJ32901BH3	<0.5	<0.5
	% IA	99	112
	%EA	93	111
	BLANK	<0.5	<0.5

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-9-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 3 deg C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW/4 Sec23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: See Below

ELT#	FIELD CODE	pH s.u.	Conductivity uS/cm	Chloride mg/L	Sulfate mg/L	Carbonate mg/L	Bicarbonate mg/L
38654	DONJ32901BH3	7.02	3160	532	708	<2	524
QUALITY CONTROL		7.01	1417	5140	48.5	*	*
TRUE VALUE		7.00	1413	5000	50.0	*	*
% IA		100	100	103	97	*	*
BLANK		*	*	<10	<0.5	<2	<2
ANALYSIS DATE		3/30/01	3/30/01	4/2/01	4/4/01	4/2/01	4/2/01

METHODS: EPA 325.3, 375.4, 310.1, 150.1, 120.1

Raland K. Tuttle

4-9-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: 04/04/01

ELT#	FIELD CODE	Na mg/L	Ca mg/L	Mg mg/L	K mg/L
38654	DONJ32901BH3	288.6	196.2	133.9	19.05
	% INSTRUMENT ACCURACY	99	100	99	99
	% EXTRACTION ACCURACY	87	97	101	85
	BLANK	<0.01	<0.01	<0.001	<0.05

METHODS: SW846-6010B

Raland K. Tuttle

4-9-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: 04/02/01

ELT#	FIELD CODE	TDS mg/L
38654	DONJ32901BH3	2657
	BLANK	<10

METHODS: EPA 160.1

Raland K. Tuttle

4-9-01
Date

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

Send Reports To:
Company Name EOTT Energy Pipeline
Address 5805 East Highway 8
City Midland State TX Zip 79701
ATTN: Wayne Brunette
Phone 915·684·3479 Fax 915·684·3456

Bill to (if different):
Company Name EOTT Energy Pipeline
Address same
City _____ State ____ Zip _____
ATTN: _____
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2001 - 10930 Sampler: Pat McCasland
Don Jones Turner Pump #SE BATH

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Full TCL 26 Metals: 6010A/200.7	Appx IX VOA 8260B	PAH 8270C	TPH 418.1	pH	TDS	Specific Conductance	Anions + Cations	Comments
DJ71201SEBATH	7·12·01	1030	2		✓		116301		✓							
DJ71201SEBATH	7·12·01	"	1		✓		116302	✓								
DJ71201SEBATH	7·12·01	"	1		✓		116303			✓						
DJ71201SEBATH	7·12·01	"	1		✓		116304				✓					
DJ71201SEBATH	7·12·01	"	1		✓		116305					✓	✓	✓	✓	
Trip Blank							116306		X							

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

FAX To Wayne Brunette + Pat McCasland (505·394·2601)

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	EOTT - Eunice	7·12·01	1630	E. Lee	E. Lee	7-13-01	12:35

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette
Address: 5805 East Highway 80
Midland Tx 79701

Phone: 915 684-3479 **FAX:** 915 684-3456

Report#/Lab ID#: 116301 **Report Date:** 07/20/01
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH
Sample Matrix: water
Date Received: 07/13/2001 **Time:** 12:35
Date Sampled: 07/12/2001 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260	---	---	---	---	07/17/01	624 & 8260b	---	---	---	---	---
1,1,1,2-Tetrachloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.8	98.2	97.9	99.6
1,1,1-Trichloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	6.8	85.6	90.4	95.6
1,1,2,2-Tetrachloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	3.1	100.5	91.7	94.5
1,1,2-Trichloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	4.1	97.3	94.8	98.9
1,1-Dichloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	8.6	84	87.6	94.7
1,1-Dichloroethene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	7.3	78.8	89.6	93.5
1,2,3-Trichloropropane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	9.2	103.4	95.7	110.1
1,2,4-Trichlorobenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.6	97.8	88.8	96.1
1,2-Dibromo-3-chloropropane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	1.2	97.4	94.4	102.7
1,2-Dibromoethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	4.8	100.7	97.3	99
1,2-Dichlorobenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.3	97.2	96.1	99.3
1,2-Dichloroethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.7	91.4	90.7	93.3
1,2-Dichloropropane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	4	95.5	94.5	94.9
1,3-Dichlorobenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.3	96.9	94.7	99.7
1,4-Dichloro-2-butene	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	3.2	102.5	94.1	103.7
1,4-Dichlorobenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.4	94.9	94	97.5
1,4-Dioxane	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	2.6	94.6	92.1	98.3
2-Butanone (MEK)	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	3.4	48.8	89.1	100.7
2-Hexanone	<20	µg/L	20	<20	07/17/01	624 & 8260b	---	4.6	69.8	93.1	98.2
4-Methyl-2-pentanone (MIBK)	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	5.4	94.5	91.4	96

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSIS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette

Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Report#/Lab ID#: 116301
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Acetone	<50	µg/L	50	<50	07/17/01	624 & 8260b	---	6.5	32.4	85.9	93.5
Acetonitrile	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	7.5	81.2	85.9	100.8
Acrolein	<50	µg/L	50	<50	07/17/01	624 & 8260b	---	2.8	61.6	89.8	105.3
Acrylonitrile	<50	µg/L	50	<50	07/17/01	624 & 8260b	---	4.3	100	107.7	126.1
Allyl chloride	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	8.4	73.6	80.7	81.1
Benzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.3	93.7	95.8	94.3
Bromodichloromethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.9	94.3	92.8	96.8
Bromoform	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	3.8	98.3	95	103.8
Bromomethane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	17.2	70.5	80.7	88.9
Carbon disulfide	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	7	79.4	103.1	102.9
Carbon tetrachloride	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.7	93.8	97	97.6
Chlorobenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.3	95.5	95.2	97.8
Chloroethane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	8.2	79.4	86.9	91.9
Chloroform	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	12.1	84.5	88.9	98.3
Chloromethane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	10.2	71.9	86.2	93.6
cis-1,3-Dichloropropene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.7	94.3	91	91.8
Dibromochloromethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.9	99.5	96.5	102.2
Dibromomethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	2.6	95.1	91	96.5
Dichlorodifluoromethane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	7.7	54.9	72.9	82.4
Ethyl methacrylate	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	7	97.3	91.6	97.6
Ethylbenzene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	2.7	97.3	97.4	94.3
Iodomethane	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	19	63	76.1	79.6
Isobutanol	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	1.2	85.7	86.7	102.4
m,p-Xylenes	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.7	99	98.3	95.6
Methacrylonitrile	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	5	85.3	87	99.3
Methyl methacrylate	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	3.3	97.8	95.1	100.1
Methylene chloride	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	12.5	83.7	91	96.9
o-Xylene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	3.2	97.6	97	96
Propionitrile	<100	µg/L	100	<100	07/17/01	624 & 8260b	---	3.5	87.4	88.4	103.2
Styrene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	2.5	98.8	97.7	97.5
Tetrachloroethene	<5	µg/L	5	<5	07/17/01	624 & 8260b	J	2.5	99.1	95.8	93.6
Toluene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	1.3	90.4	94.5	91.6
trans-1,2-Dichloroethene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	8.6	85.2	90.7	99

ANALYSIS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette

Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Report#/Lab ID#: 116301
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
trans-1,3-Dichloropropene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	3.8	99.7	93.5	100.5
Trichloroethene	<5	µg/L	5	<5	07/17/01	624 & 8260b	---	0.6	91.1	98.6	99.8
Trichlorofluoromethane	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	7.2	79.4	87.3	94.1
Vinyl acetate	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	9.6	122.9	63.2	75.9
Vinyl chloride	<10	µg/L	10	<10	07/17/01	624 & 8260b	---	11.9	75.3	88.3	91.4
2-Chloro-1,3-butadiene*TIC	ND	µg/L	20	ND	07/17/01	624 & 8260b	---	---	---	---	---

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette

Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Report#/Lab ID#: 116301
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	624 & 8260b	101.2	80-120	---
4-Bromofluorobenzene	624 & 8260b	97	86-115	---
Toluene-d8	624 & 8260b	94.9	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

[redacted]

Report #/Lab ID#: 116301 **Matrix:** water
Client: EOTT Energy Corp. **Attn:** Wayne Brunette
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Tetrachloroethene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette
Address: 5805 East Highway 80
Midland Tx 79701

Phone: 915 684-3479 **FAX:** 915 684-3456

Report#/Lab ID#: 116302 **Report Date:** 07/20/01
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH
Sample Matrix: water
Date Received: 07/13/2001 **Time:** 12:35
Date Sampled: 07/12/2001 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Metals Dig.-Hg	---	---	---	---	07/31/01	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	07/19/01	3015	---	---	---	---	---
Aluminum/ICP	0.424	mg/L	0.2	<0.2	07/23/01	6010 & 200.7	---	0.79	110.89	100.63	112.56
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	07/23/01	6010 & 200.7	---	1.3	103.43	105.2	101.3
Barium/ICP	0.0753	mg/L	0.01	<0.01	07/23/01	6010 & 200.7	---	4.03	103.1	100.25	102.18
Boron/ICP	0.289	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	---	3.38	101.87	91.38	99.08
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	07/23/01	6010 & 200.7	---	0.96	104.11	107.25	104.03
Chromium/ICP	<0.01	mg/L	0.01	<0.01	07/23/01	6010 & 200.7	---	0.71	100.22	101.75	97.84
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	---	0.46	100.87	103.25	102.6
Copper/ICP	<0.02	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	J	1.65	102.43	94.2	97.85
Iron/ICP	<0.05	mg/L	0.05	<0.05	07/23/01	6010 & 200.7	J	0.74	90.23	108.63	88.45
Lead/ICP	<0.02	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	---	0.73	101.97	109.85	101.6
Manganese/ICP	<0.01	mg/L	0.01	<0.01	07/23/01	6010 & 200.7	---	1.89	103.96	106.5	103.15
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	07/31/01	245.1&7470	---	1.79	112.12	112	99.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	---	1.48	100.27	100.63	98.11
Nickel/ICP	<0.02	mg/L	0.02	<0.02	07/23/01	6010 & 200.7	---	0.46	98.19	109.38	100.26
Selenium/ICP	<0.05	mg/L	0.05	<0.05	07/23/01	6010 & 200.7	---	1.08	101.43	102.63	103.6
Silver/GFAA	<0.002	mg/L	0.002	<0.002	07/23/01	272.2&7761	---	0.99	93.58	112.5	95
Zinc/ICP	0.0175	mg/L	0.01	<0.01	07/23/01	6010 & 200.7	---	0.6	101.46	102.75	102.39

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Respectfully Submitted,

Richard Laster

Richard Laster

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Exceptions Report:

Report #/Lab ID#: 116302 **Matrix:** water
Client: EOTT Energy Corp. **Attn:** Wayne Brunette
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Copper/ICP	J	See J-flag discussion above.
Iron/ICP	J	See J-flag discussion above.

Notes:

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette
Address: 5805 East Highway 80
Midland Tx 79701

Phone: 915 684-3479 **FAX:** 915 684-3456

Report#/Lab ID#: 116303 **Report Date:** 08/02/01
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH
Sample Matrix: water
Date Received: 07/13/2001 **Time:** 12:35
Date Sampled: 07/12/2001 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN extraction-PAH	---	---	---	---	07/19/01	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	07/31/01	8270c	---	---	---	---	---
1-Methylnaphthalene	<0.05	µg/L	0.05	<0.05	07/31/01	8270c	---	-NA-	-NA-	97.9	-NA-
2-Methylnaphthalene	<0.05	µg/L	0.05	<0.05	07/31/01	8270c	---	-NA-	-NA-	100.7	-NA-
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	07/31/01	8270c	---	6	72.2	107.9	64.7
Naphthalene	<0.05	µg/L	0.05	<0.05	07/31/01	8270c	J	13.4	60.2	95.4	50.7

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp. **Attn:** Wayne Brunette	**Project ID:** 2000-10930 Don Jones Turner Pump SE Bath **Sample Name:** DJ71201SEBATH	**Report#/Lab ID#:** 116303 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
2-Fluorobiphenyl	8270c	46.3	43-116	---
Nitrobenzene-d5	8270c	101	35-114	---
Terphenyl-d14	8270c	42.2	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 116303 **Matrix:** water
Client: EOTT Energy Corp. **Attn:** Wayne Brunette
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Naphthalene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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Client: EOTT Energy Corp.
Attn: Wayne Brunette
Address: 5805 East Highway 80
Midland Tx 79701

Phone: 915 684-3479 **FAX:** 915 684-3456

Report#/Lab ID#: 116304 **Report Date:** 08/02/01
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH
Sample Matrix: water
Date Received: 07/13/2001 **Time:** 12:35
Date Sampled: 07/12/2001 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Petroleum hydrocarbons	0.523	mg/L	0.25	<0.25	07/30/01	418.1	---	0.69	71.65	88.75	105.13

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ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: EOTT Energy Corp.
Attn: Wayne Brunette
Address: 5805 East Highway 80
Midland Tx 79701

Phone: 915 684-3479 **FAX:** 915 684-3456

Report#/Lab ID#: 116305 **Report Date:** 07/31/01
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH
Sample Matrix: water
Date Received: 07/13/2001 **Time:** 12:35
Date Sampled: 07/12/2001 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Conductance	3500	µS/cm	1	<1	07/16/01	120.1&9050	---	0.8	-NA-	-NA-	-NA-
Metals Dig.-HNO3	---	---	---	---	07/19/01	3015	---	---	---	---	---
pH	7	pH units	---	---	07/16/01	150.1&9040	---	0	-NA-	-NA-	-NA-
Total dissolved solids	5300	mg/L	1	<1	07/18/01	160.1	---	0.5	-NA-	-NA-	-NA-
Calcium/ICP	44.8	mg/L	10	<10	07/26/01	6010 & 200.7	---	0.26	97.98	97.45	101.42
Iron/ICP	<0.05	mg/L	0.05	<0.05	07/23/01	6010 & 200.7	J	0.74	90.23	108.63	88.45
Magnesium/ICP	20.2	mg/L	5	<5	07/26/01	6010 & 200.7	---	0.23	96.44	94.7	95.77
Manganese/ICP	<0.01	mg/L	0.01	<0.01	07/23/01	6010 & 200.7	---	1.89	103.96	106.5	103.15
Potassium/AA	11.9	mg/L	0.5	<0.5	07/24/01	258.1&7610	---	4.67	91.95	96.68	98.53
Sodium/ICP	201	mg/L	50	<50	07/26/01	6010 & 200.7	---	0.62	100.98	107.55	97.88
Alkalinity, total	150	mg/L	10	<10	07/19/01	310.1	---	0.58	-NA-	-NA-	-NA-
Chloride	1560	mg/L	50	<50	07/19/01	325.2&9251	---	0.38	111.02	112.44	98.22
Fluoride	1.9	mg/L	0.05	<0.05	07/16/01	340.2	---	6.5	112.98	91.8	91.8
Nitrate/Nitrite-N	0.222	mg/L	0.01	<0.01	07/23/01	353.1	---	3.3	105.6	103.03	99.49
Sulfate	191	mg/L	5	<5	07/20/01	375.4&9038	---	2	100.11	97.93	101.2

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Richard Laster

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Exceptions Report:

Report #/Lab ID#: 116305 **Matrix:** water
Client: EOTT Energy Corp. **Attn:** Wayne Brunette
Project ID: 2000-10930 Don Jones Turner Pump SE Bath
Sample Name: DJ71201SEBATH

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Iron/ICP	J	See J-flag discussion above.

Notes:

Environmental Lab of Texas, Inc. 12600 West I-20 East [redacted]

(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

1 of 4

Project Manager: Wayne Brunette EOTT

Phone #: 915 ...

FAX #: 915 - 6.. - 3452

Company Name & Address: E.O.T.T.

Project #:

Project Name: EOTT Don Jones

Project Location: SW 1/4 Sec 33 T21S R37E

Sampler Signature: Bradley Blevins

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 8015m	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chlorides
38655	EDJS32701BH1-2	1			X						X			3-29-01	7:30	X	X							
38656	EDJS32701BH1-5	1			X						X			3-29-01	7:50	X	X							
38657	EDJS32701BH1-10	1			X						X			3-29-01	8:15	X	X							X
38658	EDJS32701BH1-15	1			X						X			3-29-01	8:30	X	X							
38659	EDJS32701BH1-20	1			X						X			3-29-01	8:45	X	X							X
38660	EDJS32701BH2-2	1			X						X			3-30-01	9:10	X	X							
38661	EDJS32701BH2-5	1			X						X			3-30-01	9:25	X	X							
38662	EDJS32701BH2-10	1			X						X			3-30-01	9:39	X	X							X
38663	EDJS32701BH2-15	1			X						X			3-30-01	9:50	X	X							
38664	EDJS32701BH2-20	1			X						X			3-30-01	10:05	X	X							X
38665	EDJS32701BH2-25	1			X						X			3-30-01	10:20	X	X							

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	3-29-01	4:40	Roger Boone
Roger Boone			
	3-30-01	0823	Received by Laboratory: Ceci Courtney

REMARKS:

Originals to W. Brunette & P. McCasland EPI.

FAX and/or E-mail to W. Brunette + P. McCasland 394-2601

3°C

[redacted] Environmental [redacted] (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: (Wayne Brunette EOTT)

Phone #: [redacted]

FAX #: [redacted]

Company Name & Address: EOTT

Project #:

Project Name: EOTT Don Jones

Project Location: Sec 14 Sec 23 T21S R37E

Sampler Signature: Bradley Blevins

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	H2SO4	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B/5030	TPH 418.1 / 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	HCl	
38666	EDJ532701BH2-30	1			X						X			3-27-01	10:30	X	X							X
38667	EDJ532701BH2-35	1			X						X			3-27-01	10:40	X	X							
38668	EDJ532701BH2-40	1			X						X			3-27-01	10:54	X	X							X

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	3-27-01	5:40	[redacted]
Relinquished by:	Date:	Time:	Received by:
Wayne Brunette			
Relinquished by:	Date:	Time:	Received by Laboratory:
	03-30-01	0823 TX	[redacted]

REMARKS

Original: to W. Brunette & P. McCasland EPI.

FAX + or E-mail to W. Brunette + P. McCasland 394-2601

3°C

Environmental Lab of Texas, Inc. 1260[redacted]
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette EOTT

Phone #: 915 - 396 - 0140

FAX #: 915 - 677 - 3452

Company Name & Address: EOTT

Project #:

Project Name: EOTT Don Jones Turner pump

Project Location: SW/4 Sec 23 T21S R37E

Sampler Signature: Bradley Blevins

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	MATRIX: OTHER	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B/5030	TPH ~~418.1~~ 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chlorides									
38669	EDJS32801BH3-2	1			X						X			3-28-01	1:05	X	X																
38670	EDJS32801BH3-5	1			X						X			3-28-01	1:30	X	X																
38671	EDJS32801BH3-10	1			X						X			3-28-01	1:43	X	X							X									
38672	EDJS32801BH3-15	1			X						X			3-28-01	2:05	X	X																
38673	EDJ32801BH3-20	1			X						X			3-28-01	2:20	X	X							X									
38674	EDJ32801BH3 25	1			X						X			3-28-01	2:35	X	X																
38675	EDJ32801BH3-30	1			X						X			3-28-01	3:05	X	X							X									
38676	EDJ32801BH3-35	1			X						X			3-28-01	3:25	X	X																
38677	EDJS2801BH3-40	1			X						X			3-28-01	3:55	X	X							X									
38678	EDJS32801BH3-45	1			X						X			3-28-01	4:05	X	X																

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	3-30	600 am	Roger Boone
Roger Boone			
	3-30-01	0823 TE	Received by Laboratory: [signature]

REMARKS

Originals to W. Brunette & P. McCasland EPI.

FAX ~~to~~ or E-mail to W. Brunette + P. McCasland 394-2601

3°C

Environmental [redacted] (915) 563-1800 FAX [redacted]

4 of 4

Project Manager: Wayne Brunette EOTT

Phone #:

FAX #:

Company Name & Address: EOTT

Project #:

Project Name: Dr Jones Tank Blvd

Project Location: SW ¼ Sec 33 T21S R37E

Sampler Signature: Bradley Blevins

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
38679	EDJS32901BH3-50	1			X						X			3-29-01	7:05	X	X						
38680	EDJS32901BH3-55	1			X						X			3-29-01	7:50	X	X						
	~~EDJS32901BH3-60~~	~~1~~			~~X~~						~~X~~			~~3-29-01~~	~~[illegible]~~	~~X~~	~~X~~						

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	3-30	5:40 pm	Roger Boone
Roger Boone			
	03-30-01	0823	Received by Laboratory: [signature]

REMARKS:

Originals to W. Brunette & P. McCasland EPI.

FAX and/or E-mail to W. Brunette + P. McCasland 394-2601

3°C

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: 03/27/01
Receiving Date: 03/30/01
Analysis Date: 04/02/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
38655	EDJS32701BH1-2	<0.025	<0.025	<0.025	<0.025	<0.025
38656	EDJS32701BH1-5	<0.025	<0.025	<0.025	0.053	<0.025
38657	EDJS32701BH1-10	<0.025	<0.025	<0.025	<0.025	<0.025
38658	EDJS32701BH1-15	<0.025	<0.025	<0.025	<0.025	<0.025
38659	EDJS32701BH1-20	<0.025	<0.025	<0.025	<0.025	<0.025
38660	EDJS32701BH2-2	<0.025	<0.025	<0.025	<0.025	<0.025
38661	EDJS32701BH2-5	<0.025	<0.025	<0.025	<0.025	<0.025
38662	EDJS32701BH2-10	<0.025	<0.025	<0.025	<0.025	<0.025
38663	EDJS32701BH2-15	<0.025	<0.025	<0.025	<0.025	<0.025
38664	EDJS32701BH2-20	<0.025	<0.025	<0.025	<0.025	<0.025
38665	EDJS32701BH2-25	<0.025	<0.025	<0.025	<0.025	<0.025
38666	EDJS32701BH2-30	<0.025	<0.025	<0.025	<0.025	<0.025
38667	EDJS32701BH2-35	<0.025	<0.025	<0.025	<0.025	<0.025
	%IA	86	93	96	94	96
	%EA	94	100	105	105	106
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 04/03/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
38668	EDJS32701BH2-40	<0.025	<0.025	<0.025	<0.025	<0.025	03/27/01
38669	EDJS32801BH3-2	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38670	EDJS32801BH3-5	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38671	EDJS32801BH3-10	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38672	EDJS32801BH3-15	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38673	EDJS32801BH3-20	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38674	EDJS32801BH3-25	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
%IA		97	104	109	109	109	
%EA		91	97	103	103	105	
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025	

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 04/03/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
38675	EDJS32801BH3-30	<0.025	<0.025	<0.025	0.035	<0.025	03/28/01
38676	EDJS32801BH3-35	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38677	EDJS32801BH3-40	<0.025	<0.025	<0.025	0.050	<0.025	03/28/01
38678	EDJS32801BH3-45	<0.025	<0.025	<0.025	<0.025	<0.025	03/28/01
38679	EDJS32901BH3-50	<0.025	<0.025	<0.025	<0.025	<0.025	03/29/01
38680	EDJS32901BH3-55	<0.025	<0.025	<0.025	<0.025	<0.025	03/29/01
%IA		94	98	103	111	104	
%EA		95	102	108	115	111	
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025	

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 3 deg C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 03/30/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
38655	EDJ32701BH1-2	<10	44	03/27/01
38656	EDJ32701BH1-5	<10	128	03/27/01
38658	EDJ32701BH1-15	<10	119	03/27/01
38660	EDJ32701BH2-2	<10	<10	03/27/01
38661	EDJ32701BH2-5	<10	677	03/27/01
38662	EDJ32701BH2-10	<10	<10	03/27/01
38663	EDJ32701BH2-15	<10	<10	03/27/01
38664	EDJ32701BH2-20	<10	97	03/27/01
38665	EDJ32701BH2-25	<10	610	03/27/01
38666	EDJ32701BH2-30	<10	152	03/27/01
38667	EDJ32701BH2-35	<10	427	03/27/01
38668	EDJ32701BH2-40	<10	<10	03/27/01
38669	EDJ32801BH3-2	<10	<10	03/28/01
38670	EDJ32801BH3-5	<10	<10	03/28/01
38671	EDJ32801BH3-10	<10	<10	03/28/01
38672	EDJ32801BH3-15	<10	<10	03/28/01
38673	EDJ32801BH3-20	<10	<10	03/28/01
	% IA	88	102	
	%EA	104	116	
	BLANK	<10	<10	

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 3 deg C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 03/30/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
38657	EDJ32701BH1-10	<10	79	03/27/01
38659	EDJ32701BH1-20	<10	238	03/27/01
38674	EDJ32801BH3-25	<10	<10	03/28/01
38675	EDJ32801BH3-30	<10	<10	03/28/01
38676	EDJ32801BH3-35	<10	<10	03/28/01
38677	EDJ32801BH3-40	<10	181	03/28/01
38678	EDJ32801BH3-45	<10	<10	03/28/01
38679	EDJ32901BH3-50	<10	<10	03/29/01
38680	EDJ32901BH3-55	<10	<10	03/29/01
	% IA	99	112	
	%EA	96	116	
	BLANK	<10	<10	

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 3 deg C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 04/04/01

ELT#	FIELD CODE	Chloride mg/kg	SAMPLE DATE
38657	EDJ32701BH1-10	277	03/27/01
38662	EDJ32701BH2-10	59	03/27/01
38671	EDJ32801BH3-10	44	03/28/01

QUALITY CONTROL	5140
TRUE VALUE	5000
% INSTRUMENT ACCURACY	103
BLANK	<10

Methods: EPA SW 846-9253

Raland K. Tuttle

4-4-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 3 deg. C
Project #: None Given
Project Name: EOTT Don Jones
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: See Below
Receiving Date: 03/30/01
Analysis Date: 04/17/01

ELT#	FIELD CODE	Chloride mg/kg	Sample Date
38659	EDJS32701BH1-20	<10	3/27/01
38664	EDJS32701BH2-20	<10	3/27/01
38666	EDJS32701BH2-30	<10	3/27/01
38668	EDJS32701BH2-40	<20	3/27/01
38673	EDJ32801BH3-20	56	3/28/01
38675	EDJ32801BH3-30	57	3/28/01
38677	EDJ32801BH3-40	71	3/28/01
38679	EDJS32901BH3-50	<10	3/29/01

QUALITY CONTROL	5052
TRUE VALUE	5000
% INSTRUMENT ACCURACY	101
BLANK	<10

METHODS: EPA SW 846-9253

Raland K. Tuttle

4-18-01
Date

[redacted] En[redacted]on[redacted]ntal[redacted] Lab of [redacted] Texas [redacted] Inc [redacted] 12600 West I-20 East Odessa, Texas 79765
(915) 563-1800 FAX (915) 563-1713

[redacted] CHAIN OF CUSTODY RECORD [redacted] AND ANALYSIS REQUEST [redacted]

Project Manager: Wayne Brunette EPI
Phone #:
FAX #:
Company Name & Address: EPI
Project #:
Project Name: Don Jones Turner Dune
Project Location: SW/4 Sec 23 T21S R37E
Sampler Signature: Bradley Blevins

ANALYSIS REQUEST — 1 of 2

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME	BTEX 8021B/5030	TPH 418.1 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chlorides
38722	EDJS33001BH4-2	1			X						X			3-29-01	7:30	X	X							
38723	EDJS33001BH4-5	1			X						X			3-29-01	8:00	X	X							
38724	EDJS33001BH4-10	1			X						X			3-29-01	8:30	X	X							X
38725	EDJS33001BH4-15	1			X						X			3-29-01	8:45	X	X							
38726	EDJS33001BH4-20	1			X						X			3-29-01	9:10	X	X							X
38727	EDJS33001BH5-2	1			X						X			3-29-01	10:30	X	X							
38728	EDJS33001BH5-5	1			X						X			3-29-01	10:55	X	X							
38729	EDJS33001BH5-10	1			X						X			3-29-01	11:15	X	X							X
38730	EDJS33001BH5-15	1			X						X			3-29-01	11:30	X	X							
38731	EDJS33001BH5-20	1			X						X			3-29-01	11:40	X	X							X
38732	EDJS33001BH5-25	1			X						X			3-29-01	12:00	X	X							

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	4-4-01	8:00	Cody Miller
Cody Miller	4-4-01	1313	Jeanne McMurrey
			Received by Laboratory:

REMARKS Rec 4.0°C
Originals to W. Brunette & P. McCasland EPI.
FAX + or E-mail to W. Brunette + P. McCasland 394-2601
+ Chlorides requested as per P McCasland 4-12-01 @ 0900

[redacted] En[redacted]ro[redacted]en[redacted] La[redacted] of [redacted]xa[redacted] Inc[redacted] 600 [redacted] i-20 [redacted] Od[redacted] Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

1 of 2

Project Manager: Wayne Brunette EOTT
Phone #: 915-556-0010
FAX #: 915-684-3456

Company Name & Address: EOTT

Project #:
Project Name: Don Jones Turner Pump

Project Location: SW/4 Sec 23 T21S R37E
Sampler Signature: Bradley Blevins

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH ~~418.1~~ 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
38722	EDJS33001BH4-2	1			X						X			3-29-01	7:30	X	X						
38723	EDJS33001BH4-5	1			X						X			3-29-01	8:00	X	X						
38724	EDJS33001BH4-10	1			X						X			3-29-01	8:20	X	X						
38725	EDJS33001BH4-15	1			X						X			3-29-01	8:45	X	X						
38726	EDJS33001BH4-20	1			X						X			3-29-01	9:10	X	X						
38727	EDJS33001BH5-2	1			X						X			3-29-01	10:30	X	X						
38728	EDJS33001BH5-5	1			X						X			3-29-01	10:55	X	X						
38729	EDJS33001BH5-10	1			X						X			3-29-01	11:15	X	X						
38730	EDJS33001BH5-15	1			X						X			3-29-01	11:30	X	X						
38731	EDJS33001BH5-20	1			X						X			3-29-01	11:40	X	X						
38732	EDJS33001BH5-25	1			X						X			3-29-01	12:00	X	X						

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	4-4-01	8:00	Cody Miller
Cody Miller	4-4-01	1313	Jeanne McMurry
			Received by Laboratory:

REMARKS: Rec 4.0°C
Originals to W. Brunette & P. McCasland EPI.
FAX + or E-mail to W. Brunette + P. McCasland 394-2601

E[redacted]ro[redacted]en[redacted] L[redacted] of [redacted]exa[redacted] In[redacted] 2600[redacted] I-20 E[redacted] Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

[redacted] CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette EOTT

Phone #: 915 396 0090

FAX #: 915 694 3456

Company Name & Address: EOTT

Project #:

Project Name: Don Jones Turner Pump

Project Location: SW 1/4 Sec 23 T21S R37E

Sampler Signature: Bradley Blevins

ANALYSIS REQUEST

2 of 2

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
38733	EDJS33001BH5-30	1			X						X			3-29-01	12:30	X	X						
38734	EDJS33001BH6-2	1			X						X			3-29-01	2:30	X	X						
38735	EDJS33001BH6-5	1			X						X			3-29-01	2:40	X	X						
38736	EDJS33001BH6-10	1			X						X			3-29-01	3:00	X	X						
38737	EDJS33001BH6-15	1			X						X			3-29-01	3:15	X	X						
38738	EDJS33001BH6-20	1			X						X			3-29-01	3:30	X	X						

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	4-4-01	8:00	Cody Miller
Cody Miller	4-4-01	1313	Jeanne McMurray
			Received by Laboratory:

REMARKS Rec: 4.0°C
Originals to W. Brunette & P. McCasland EPI.
FAX + or E-mail to W. Brunette + P. McCasland 394-2601

[redacted]En[redacted]ironmen[redacted]tal Lab of Texas Inc [redacted] 12600 West I-20 East Odessa, Texas [redacted]
(915) 563-1300 FAX (915) [redacted]-1713 [redacted] AIN-[redacted]STO[redacted]ECO[redacted]D A[redacted]IS R[redacted]ST [redacted]

ANALYSIS REQUEST

Project Manager: Wayne Brunette EOTT

Phone #: [illegible]

FAX #: [illegible] 3452

Company Name & Address: EOTT

Project #:

Project Name: Don Jones Tinker Pump

Project Location: SW 1/4 Sec 23 T21S R37E

Sampler Signature: Bradley Blevins

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chloride
38733	EDJS33001BH5-30	1			X						X			3-29-01	12:30	X	X							X
38734	EDJS33001BH6-2	1			X						X			3-29-01	2:30	X	X							
38735	EDJS33001BH6-5	1			X						X			3-29-01	2:40	X	X							
38736	EDJS33001BH6-10	1			X						X			3-29-01	3:00	X	X							X
38737	EDJS33001BH6-15	1			X						X			3-29-01	3:15	X	X							
38738	EDJS33001BH6-20	1			X						X			3-29-01	3:30	X	X							X

Relinquished by:	Date:	Time:	Received by:
Bradley Blevins	4-4-01	8:00	Cody Miller
Cody Miller	4-4-01	1313	Jeanne McMurray
			Received by Laboratory:

REMARKS Rec. 4.0°C

Originals to W. Brunette & P. McCasland EPI.

FAX + ~~or~~ E-mail to W. Brunette + P. McCasland 394-2601

[illegible] Reported [illegible] per P McCasland 4-12-01 @ 0900

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 4.0 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 03/30/01
Analysis Date: 04/17/01

ELT #	FIELD CODE	Chloride mg/kg
38724	EDJS33001BH4-10	89
38726	EDJS33001BH4-20	44
38729	EDJS33001BH5-10	59
38731	EDJS33001BH5-20	<10
38733	EDJS33001BH5-30	51
38736	EDJS33001BH6-10	66
38738	EDJS33001BH6-20	41

QUALITY CONTROL	5052
TRUE VALUE	5000
% INSTRUMENT ACCURACY	101
BLANK	<10

METHODS: EPA SW 846-9253

Raland K. Tuttle

4-18-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 4.0 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 04/04/01
Analysis Date: 04/04/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
38722	EDJS33001BH4-2	<0.025	<0.025	<0.025	<0.025	<0.025
38723	EDJS33001BH4-5	<0.025	<0.025	<0.025	<0.025	<0.025
38724	EDJS33001BH4-10	<0.025	0.026	<0.025	0.050	<0.025
38725	EDJS33001BH4-15	<0.025	<0.025	<0.025	<0.025	<0.025
38726	EDJS33001BH4-20	<0.025	<0.025	<0.025	<0.025	<0.025
38727	EDJS33001BH5-2	<0.025	<0.025	<0.025	0.044	<0.025
38728	EDJS33001BH5-5	3.04	27.3	19.1	45.0	19.6
	%IA	97	104	113	115	108
	%EA	97	101	106	114	109
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-5-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 4.0 deg. C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec 23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 04/04/01
Analysis Date: 04/05/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
38729	EDJS33001BH5-10	2.81	27.1	16.7	39.8	13.8
38730	EDJS33001BH5-15	1.69	21.4	14.8	44.9	16.3
38731	EDJS33001BH5-20	<0.025	0.201	0.165	1.09	0.321
38732	EDJS33001BH5-25	<0.025	0.054	0.039	0.096	<0.025
38733	EDJS33001BH5-30	<0.025	<0.025	<0.025	<0.025	<0.025
38734	EDJS33001BH6-2	<0.025	<0.025	<0.025	<0.025	<0.025
38735	EDJS33001BH6-5	<0.025	<0.025	<0.025	<0.025	<0.025
38736	EDJS33001BH6-10	<0.025	<0.025	<0.025	<0.025	<0.025
38737	EDJS33001BH6-15	<0.025	<0.025	<0.025	<0.025	<0.025
38738	EDJS33001BH6-20	<0.025	<0.025	<0.025	<0.025	<0.025
	%IA	99	107	109	109	109
	%EA	85	85	90	88	101
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-5-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 4.0 deg C
Project #: None Given
Project Name: Don Jones Turner Pump
Project Location: SW 1/4 Sec23 T21S R37E

Sampling Date: 03/29/01
Receiving Date: 04/04/01
Analysis Date: 04/04/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
38722	EDJS33001BH4-2	<10	<10
38723	EDJS33001BH4-5	<10	<10
38724	EDJS33001BH4-10	<10	<10
38725	EDJS33001BH4-15	<10	<10
38726	EDJS33001BH4-20	<10	<10
38727	EDJS33001BH5-2	119	5586
38728	EDJS33001BH5-5	1348	2116
38729	EDJS33001BH5-10	1178	1428
38730	EDJS33001BH5-15	1513	1894
38731	EDJS33001BH5-20	48	122
38732	EDJS33001BH5-25	20	122
38733	EDJS33001BH5-30	<10	<10
38734	EDJS33001BH6-2	<10	<10
38735	EDJS33001BH6-5	<10	<10
38736	EDJS33001BH6-10	<10	<10
38737	EDJS33001BH6-15	<10	<10
38738	EDJS33001BH6-20	<10	<10
	% IA	88	115
	%EA	110	118
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-5-01
Date

Environmental Lab of Texas, Inc.

2600 West I 20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette
Company Name: EOT Energy Pipeline
Company Address: 5805 East Highway 80
City/State/Zip: Midland TX 79701
Telephone No: 915-684-3479 Fax No: 915-684-3456
Sampler Signature:

Project Name: Turner Pump
Project #: 2001-10930
Project Loc: SW/4 Sec 23, T21S, R37E, Lea Co. NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No of Containers	Preservative	Matrix	Analyze For	RUSH TAT (Pre-Schedule)	Standard TAT
39819	ETPS42301BH1-2	4-23-01	2:30		X		X X X	✓	
39820	ETPS42301BH1-5	4-23-01	2:50		X		X X X	✓	
39821	ETPS42301BH1-10	4-23-01	3:05		X		X X X	✓	
39822	ETPS42301BH1-15	4-23-01	3:18		X		X X X	✓	
39823	ETPS42301BH1-20	4-23-01	3:33		X		X X X	✓	
39824	ETPS42301BH1-25	4-23-01	3:42		X		X X X	—	
39825	ETPS42301BH1-30	4-23-01	4:00		X		X X X	—	
		~~4-23-01~~							

Special Instructions:
FAX to W Brunette @ 915-684-3456 & Pam McCasland 505-394-2601

Sample Containers Intact? (Y) N
Temperature Upon Receipt: ~2.5°C
Laboratory Comments:

Relinquished by	Date	Time	Received by	Date	Time
	4-27-01	11:45	Sandra Biegler	4-27-01	11:45
Relinquished by	Date	Time	Received by ELOT	Date	Time
				4-27-01	15:00

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

2 of 2

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette
Company Name: East Energy Pipeline
Company Address: 5805 East Highway 80
City/State/Zip: Midland, Texas 79701
Telephone No: 915-684-3479
Fax No: 915-684-3456
Sampler Signature: Bradley Blevins / Pat McCasland

Project Name: Turner Pump
Project #: 2001-10930
Project Loc: SW/4 Sec 23 T21S R37E Lea Co, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative	Matrix: Soil	Analyze For: TPH 8015M	Analyze For: BTEX 8021B/5030	Analyze For: Chloride	RUSH TAT (Pre-Schedule)	Standard TAT
39826	ETPS42401 BH1-35	4-24-01	8:00	1	X	X	X	X	X	✓	
39827	ETPS42401 BH1-40	4-24-01	8:30	1	X	X	X	X	X	✓	
39828	ETPS42401 BH1-45	4-24-01	9:00	1	X	X	X	X	X	✓	
39829	ETPS42401 BF	4-24-01	9:30	1	X	X	X	X	X	✓	

Special Instructions: FAX To Wayne Brunette & Pat McCasland @ 505-394-2601

Relinquished by	Date	Time	Received by	Date	Time
Pat McCasland	4-27-01	11:45	Sandra Biezugbe	4-27-01	11:45
Relinquished by	Date	Time	Received by ELOT: Armando [illegible]	4-27-01	15:00

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.5°C
Laboratory Comments:

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
5805 EAST HWY. 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ -2.5 deg C
Project #: 2001-10930
Project Name: Turner Pump
Project Location: SW/4, Sec23, T21S, R37E, Lea Co., N.M.

Sampling Date: See Below
Receiving Date: 04/27/01
Analysis Date: 04/28/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
39819	ETPS42301BH1-2	<10	<10	4/23/01
39820	ETPS42301BH1-5	<10	<10	4/23/01
39821	ETPS42301BH1-10	<10	<10	4/23/01
39822	ETPS42301BH1-15	<10	<10	4/23/01
39823	ETPS42301BH1-20	<10	<10	4/23/01
39824	ETPS42301BH1-25	<10	<10	4/23/01
39825	ETPS42301BH1-30	<10	<10	4/23/01
39826	ETPS42401BH1-35	<10	133	4/24/01
39827	ETPS42401BH1-40	<10	<10	4/24/01
39828	ETPS42401BH1-45	<10	<10	4/24/01
39829	ETPS42401BF	<10	<10	
	% IA	105	108	
	%EA	110	106	
	BLANK	<10	<10	

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-30-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
5805 EAST HWY. 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ -2.5 deg C
Project #: 2001-10930
Project Name: Turner Pump
Project Location: SW/4, Sec23, T21S, R37E, Lea Co., N.M.

Sampling Date: See Below
Receiving Date: 04/27/01
Analysis Date: 04/30/01

ELT#	FIELD CODE	Chloride mg/kg	SAMPLE DATE
39819	ETPS42301BH1-2	195	4/23/01
39820	ETPS42301BH1-5	810	4/23/01
39821	ETPS42301BH1-10	402	4/23/01
39822	ETPS42301BH1-15	213	4/23/01
39823	ETPS42301BH1-20	230	4/23/01
39824	ETPS42301BH1-25	372	4/23/01
39825	ETPS42301BH1-30	504	4/23/01
39826	ETPS42401BH1-35	279	4/24/01
39827	ETPS42401BH1-40	300	4/24/01
39828	ETPS42401BH1-45	355	4/24/01
39829	ETPS42401BF	18	4/24/01
	QUALITY CONTROL	5140	
	TRUE VALUE	5000	
	% INSTRUMENT ACCURACY	103	
	BLANK	<10	

Methods: SW 846-9253

Raland K. Tuttle

4-30-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENRON TRANSPORTATION SERVICES
ATTN: MR. WAYNE BRUNETTE
5805 EAST HWY. 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.5 deg. C
Project #: 2001-10930
Project Name: Turner Pump
Project Location: SW/4, Sec23, T21S, R37E, Lea Co., N.M.

Sampling Date: See Below
Receiving Date: 04/27/01
Analysis Date: 04/28/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
39819	ETPS42301BH1-2	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39820	ETPS42301BH1-5	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39821	ETPS42301BH1-10	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39822	ETPS42301BH1-15	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39823	ETPS42301BH1-20	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39824	ETPS42301BH1-25	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39825	ETPS42301BH1-30	<0.025	<0.025	<0.025	<0.025	<0.025	4/23/01
39826	ETPS42401BH1-35	<0.025	<0.025	<0.025	<0.025	<0.025	4/24/01
39827	ETPS42401BH1-40	<0.025	<0.025	<0.025	<0.025	<0.025	4/24/01
39828	ETPS42401BH1-45	<0.025	<0.025	<0.025	<0.025	<0.025	4/24/01
39829	ETPS42401BF	<0.025	<0.025	<0.025	<0.025	<0.025	4/24/01
	%IA	90	90	92	99	92	
	%EA	98	101	103	114	105	

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-30-01
Date

Envir[redacted] (915) [redacted] 1800 [redacted] FAX [redacted] 563-17[redacted]

...ODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette EOTT

Phone #: 915 · 556 · 0190

FAX #: 915 · 684 · 3456

Company Name & Address: E.O.T.T.

Turner Pump

Project Name:

Project #: 2001-10930

Project Location: Eunice

Sampler Signature: Roger Boone

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 8015	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chloride
38815	54501ETPBHCI	1			✓						✓			4-5-01	9:42	✓	✓							✓
38816	54501ETPESWCI	1			✓						✓			4-5-01	11:20	✓	✓							✓
38817	54501ETPNSWCI	1			✓						✓			4-5-01	11:16	✓	✓							✓
38818	54501ETPSSWCI	1			✓						✓			4-5-01	11:30	✓	✓							✓
38819	54501ETPWSWCI	1			✓						✓			4-5-01	11:40	✓	✓							✓

Relinquished by:	Date:	Time:	Received by:
Roger Boone	4-5-01	2:15	Bill Hubbard
Bill Hubbard	4-5-01	3:35	[signature]
			Received by Laboratory:

REMARKS

Originals to W. Brunette & P. McCasland EPI.

FAX to or E-mail to W. Brunette + P. McCasland 394-2601

Rec. 0°C.

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 0 deg. C
Project #: 2000-10930
Project Name: Turner Pump
Project Location: Eunice

Sampling Date: 04/05/01
Receiving Date: 04/05/01
Analysis Date: 04/06/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
38815	S4501ETPBHC1	<0.025	<0.025	<0.025	0.037	<0.025
38816	S4501ETPESWC1	<0.025	0.136	0.140	0.404	0.175
38817	S4501ETPNSWC1	<0.025	<0.025	<0.025	<0.025	<0.025
38818	S4501ETPSSWC1	<0.025	<0.025	<0.025	<0.025	<0.025
38819	S4501ETPWSWC1	<0.025	<0.025	<0.025	<0.025	<0.025
%IA		99	101	105	114	107
%EA		98	96	102	114	98
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-11-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 0 deg C
Project #: 2000-10930
Project Name: Turner Pump
Project Location: Eunice

Sampling Date: 04/05/01
Receiving Date: 04/05/01
Analysis Date: 04/05/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
38815	S4501ETPBHC1	<10	<10
38816	S4501ETPESWC1	<10	<10
38817	S4501ETPNSWC1	<10	<10
38818	S4501ETPSSWC1	<10	<10
38819	S4501ETPWSWC1	<10	<10
	% IA	93	114
	%EA	95	115
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-11-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 16660
MIDLAND, TEXAS 79703
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/Iced/ 0 deg C
Project #: 2000-10930
Project Name: Turner Pump
Project Location: Eunice

Sampling Date: 04/05/01
Receiving Date: 04/05/01
Analysis Date: 04/10/01

ELT#	FIELD CODE	Chloride mg/kg
38815	S4501ETPBHC1	14
38816	S4501ETPESWC1	31
38817	S4501ETPNSWC1	<10
38818	S4501ETPSSWC1	11
38819	S4501ETPWSWC1	39

QUALITY CONTROL	5229
TRUE VALUE	5000
% INSTRUMENT ACCURACY	104
BLANK	<10

Methods: EPA SW 846-9253

Raland K. Tuttle

4-11-01
Date

ANALYSIS REQUEST 1-1

oject Manager: Wayne Brunette EOTT

Phone #: 915 · 556 · 0190

FAX #: 915 · 694 · 3456

mpany Name & Address: E.O.T.T.

oject #: 2001-10930

Project Name: Tucker Pump

oject Location:

Sampler Signature: Roger Boon

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	MATRIX: OTHER	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8020/5030	TPH ~~418.1~~ 8015m	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Chloride
1465	ETP541801	1			X						X			4-15-01	1:00	X	X							X

Relinquished by:	Date:	Time:	Received by:
Roger Boon	4-20-01	0915	[signature]
[signature]			
	4-20-01	0915	Received by Laboratory: [signature]

REMARKS

Originals to W. Brunette & P. McCasland EPI.

FAX + or E-mail to W. Brunette + P. McCasland 394-2601

Chloride Added per Pat 4-23-01 1455 [initials]

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2001-10930
Project Name: Turner Pump
Project Location: None Given

Sampling Date: 04/18/01
Receiving Date: 04/20/01
Analysis Date: 04/20/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
39465	ETPS41801	<0.025	<0.025	<0.025	0.047	<0.025
	%IA	91	94	98	106	98
	%EA	91	95	97	106	99
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-23-01
Date

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2001-10930
Project Name: Turner Pump
Project Location: None Given

Sampling Date: 04/18/01
Receiving Date: 04/20/01
Analysis Date: 04/21/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
39465	ETPS41801	<10	230
	% IA	87	89
	%EA	104	107
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4-23-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2001-10930
Project Name: Turner Pump
Project Location: None Given

Sampling Date: 04/18/01
Receiving Date: 04/20/01
Analysis Date: 04/23/01

ELT#	FIELD CODE	Chloride mg/kg
39465	ETPS41801	44

QUALITY CONTROL	5051
TRUE VALUE	5000
% INSTRUMENT ACCURACY	101
BLANK	<10

Methods: EPA SW 846-9253

Raland K. Tuttle

Date

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: Wayne Brunette
Company Name: ECTT
Company Address:
City/State/Zip:
Telephone No: 915-556-0190
Fax No: 915-684-3456
Sampler Signature: Roger Boone

Project Name: Turner Pump
Project #: 2001-10930
Project Loc: Eunice / Ron Jones
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative	Matrix	Cl	TPH	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
39474	ETPS41901 BH1	4-19-01	2:00 pm	1	✓	✓	✓	✓	✓		
39475	ETPS41901 SW1	4-19-01	2:10 pm	1	✓	✓	✓	✓	✓		
39476	ETPS41901 GS1	4-19-01	2:15 pm	1	✓	✓	✓	✓	✓		

Special Instructions: FAX TO Wayne Brunette
FAX To PM Casland at 505 394.2601

Relinquished by	Date	Time	Received by	Date	Time
Roger Boone	4-20-01	0915	[signature]	4-20-01	0915
[signature]			Received by ELOT: [signature]	4-20	0915

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: F

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2000-10930
Project Name: Turner Pump
Project Location: Eunice/ Don Jones

Sampling Date: 04/19/01
Receiving Date: 04/20/01
Analysis Date: 04/23/01

ELT#	FIELD CODE	Chloride mg/kg
39474	ETOS41901BH1	53
39475	ETPS41901SW1	367
39476	ETPS41901GS1	379

QUALITY CONTROL	5051
TRUE VALUE	5000
% INSTRUMENT ACCURACY	101
BLANK	<10

Methods: EPA SW 846-9253

Raland K. Tuttle

4-23-01
Date

ENVIRONMENTAL LAB OF , INC.

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ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2000-10930
Project Name: Turner Pump
Project Location: Eunice/ Don Jones

Sampling Date: 04/19/01
Receiving Date: 04/20/01
Analysis Date: 04/21/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
39474	ETOS41901BH1	<10	<10
39475	ETPS41901SW1	<10	1,110
39476	ETPS41901GS1	<10	<10
	% IA	87	89
	%EA	104	107
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

4/23/01
Date

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P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2001-10930
Project Name: Turner Pump
Project Location: Eunice/ Don Jones

Sampling Date: 04/19/01
Receiving Date: 04/20/01
Analysis Date: 04/21/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
39474	ETPS41901BH1	<0.025	<0.025	<0.025	<0.025	<0.025
39475	ETPS41901SW1	<0.025	<0.025	<0.025	<0.025	<0.025
	%IA	95	97	100	109	100
	%EA	94	99	101	112	102
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-23-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: 2001-10930
Project Name: Turner Pump
Project Location: Eunice/ Don Jones

Sampling Date: 04/19/01
Receiving Date: 04/20/01
Analysis Date: 04/21/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
39476	ETPS41901GS1	<0.025	<0.025	<0.025	<0.025	<0.025
	%IA	90	97	101	102	103
	%EA	94	101	105	105	106
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-23-01
Date

Attachment IV: Site Information and Metrics Form

Site Information and Metrics

SITE: Don Jones Turner Pump 4"	Assigned Site Reference # 2001-10930
Company: EOTT Energy Pipeline	
Company Street Address: 5805 E. Highway 80, Midland, Texas 79701	
Company Mailing Address: P.O. Box 1660	
Company City, State, Zip: Midland, Texas 79702	
Company Representative: Wayne Brunette	
Company Representative Telephone: 915.553.7557	
Company Telephone: 915.684.3479 Fax: 915.684.3456	
Fluid volume released (bbls) = 25 bbls	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)	
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)	
Leak, Spill, or Pit (LSP) Name: EOTT Don Jones Turner Pump 4"	
Source of contamination: 4" steel pipeline (internal corrosion)	
Land Owner, i.e., BLM, ST, Fee, Other: Don Jones deeded	
LSP Dimensions: affected area = 50' x 10'	
LSP Area = 771 ft^2	
Location of Reference Point (RP):	
Location distance and direction from RP:	
Latitude: 32° 27' 40N	
Longitude: 103° 08' 32W	
Elevation above mean sea level: ~ 3406 amsl	
Feet from South Section Line	
Feet from West Section Line	
Location- Unit or ¼¼ =NE¼ of the SE¼ Unit Letter-I	
Location- Section = 22	
Location- Township = 21S	
Location- Range = 37E	
Surface water body within 1000 ' radius of site: None	
Domestic water wells within 1000' radius of site: 2 @ 75' north and 200'southeast	
Agricultural water wells within 1000' radius of site: None	
Public water supply wells within 1000' radius of site: None	
Depth from land surface to ground water (DG): 55'bgs	
Depth of contamination (DC): The lower most contamination >100 mg/Kg occurs at approximately 30' bgs	
Depth to ground water (DG – DC = DtGW) 25' bgs	

1. Ground Water	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or; <200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Ground water Score = 20	*Wellhead Protection Area Score= 20*	*Surface Water Score= 0*

Site Rank (1+2+3) = 20+20+0 = 40 points

Parameter	Total Site Ranking Score and Acceptable Concentrations		
	>19	10-19	0-9
Benzene[1]	**10 ppm**	10 ppm	10 ppm
BTEX[1]	**50 ppm**	50 ppm	50 ppm
TPH	**100 ppm**	1000 ppm	5000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis