AP - 007

STAGE 1 & 2 WORKPLANS

DATE:
Oct. 2002

STAGE II ABATEMENT PLAN

AP-07

DARR ANGELL NO. 1 SITE
Lea County, New Mexico
NW ¼ of the SE ¼ of Section 11, Township 15 South, Range 37 East
Latitude North 33° 01′ 36.0″
Longitude West 103° 10′ 00.7″

Prepared For:
EOTT Energy Corp.
5805 East Highway 80
Midland, Texas 79701

ETGI Project # EO 2055

Prepared By:
Environmental Technology Group, Inc.
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October 2002

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Geologist / Project Manager

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New Mexico Office Manager
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1.0 INTRODUCTION AND SITE BACKGROUND

The site is located approximately 12.5 miles east of the town of Lovington, New Mexico on State Highway 82 in the NW ¼ of the SE ¼ of Section 11, Township 15 South, Range 37 East. For reference, a site location, site map and groundwater gradient map, are provided as Figures 1, 2, and 3, respectively. The contents of this report are intended to fulfill requirements in accordance with Rule 19.E (4) of the New Mexico Administrative Code (NMAC). On May 1, 1997, EOTT Energy Corp. (EOTT) personnel discovered that a release of crude oil had occurred from its pipeline. As determined from the release report, an estimated 25 barrels of crude oil was released at the site, 15 barrels of which was recovered during the subsequent emergency response action conducted by EOTT.

A total of 20 groundwater monitor wells and 3 phase separated hydrocarbon (PSH) recovery wells are currently on-site. Eight of the monitor wells, MW-1, MW-2, MW-3, MW-5, MW-6, MW-9, MW-13 and MW-14, have been retrofitted with PSH skimming pumps and are connected to an automated product recovery system which also includes three recovery wells (Figure 2). Environmental Technology Group, Inc. (ETGI) is submitting this Stage II Abatement Plan to propose additional response actions designed to complete removal of PSH from the water table aquifer and to achieve site closure as set forth by the State of New Mexico under NMAC Rule 19 standards. The regulatory basis for this Stage II Abatement Plan is NMAC Rule 19 and the NMOCD guidance document *Guidelines for Remediation of Leaks, Spills, and Releases*, (August 1993).

A review of the data existing for this site indicated the following:

- The soil column consists primarily of loose to packed sand with caliche debris distributed intermittently and irregularly across the section; a hard, thin sand unit with calcareous cement occurs at depth approximately 30 feet below grade surface (bgs) across the site;
- PSH and dissolved phase hydrocarbon impacted groundwater plumes are distributed in a roughly circular pattern surrounding the release point, corresponding with the contours of the groundwater gradient map, indicating that the primary method of contaminant transportation at the site is a combination of advective and dispersive processes;
- Groundwater at this site occurs at depths of approximately 57 to 65 feet bgs as measured from the top of the well casings (Table 1);
- The groundwater gradient at the site is modified by an apparent mounding effect attributable to heterogeneous lithology at or near the level of the water table and to the presence of PSH within portions of the mapped area;
- The concentration of benzene present in monitor well MW-12 has remained above the NMOCD regulatory standard while concentrations of benzene in the perimeter monitor wells have remained below the regulatory standard, and;
- Review of the annual groundwater monitoring reports indicates that both the PSH and dissolved phase plums appear to have stabilized.

2.0 SUMMARY OF RECENT FIELD ACTIVITIES

ETGI has conducted quarterly groundwater monitoring and annual reporting at the site since May 2000. The automated PSH recovery system on-site is monitored on a weekly basis for scheduled operation and maintenance (O&M) tasks including recovery well and tank gauging, compressor condensate drainage, hose and fitting inspection and inspection of the general site appearance. The recovered product is evacuated as needed by ETGI field technicians, transported to the TNM 97-04 release site and transferred to a high 500-gallon tank for temporary storage. The PSH is then reintroduced into the EOTT transportation system. As of June 10, 2002, the on-site automated recovery system has recovered approximately 7,342 gallons of PSH. The groundwater gradient at the site is modified by an apparent mounding effect attributable to heterogeneous lithology at or near the level of the water table and to the presence of PSH within portions of the mapped area. The gradient, as measured on June 19, 2002 varied from approximately 0.006 feet/foot to the north, 0.002 feet/foot to the southwest and 0.001 feet/foot to the south (Figure 3).

3.0 ABATEMENT OPTIONS

3.1 Soil Abatement Options

Soil impacted above the applicable NMOCD regulatory standard for TPH at this site was identified at depth in the following monitor and recovery well locations: MW-10 (48'-65'), MW-13 (53'-60'), MW-14 (48'-60'), RW-1 (43'-60'), RW-2 (38'-60') and RW-3 (38'-60'), Table 2. Due to the excessive depth to these impacted soils, the presence of excavation restrictive caliche units and the prohibitive volume of non-impacted overburden soil required to access this area, no additional soil specific abatement program is planned for this site. Two of the groundwater remedial technologies addressed in Section 3.2 of this Abatement Plan will also affect impacted soil located at depth on-site.

3.2 Groundwater Abatement Options

The site is currently impacted by PSH in nine of the on-site monitor wells, MW-1, MW-2, MW-3, MW-5, MW-6, MW-9, MW-13 and MW-14. These monitor wells have been retrofitted with PSH skimming pumps and are connected to an automated product recovery system including the three recovery wells. Measurable amounts of PSH were recorded at MW-10 during the third and fourth quarterly monitoring events conducted in 2001 and the first and second monitoring events in 2002. A PSH skimming pump will be installed into monitor wells MW-8 and MW-10 and incorporated into the existing recovery system. To increase the effectiveness of the PSH recovery operation, eight additional PSH recovery wells will be installed in positions as shown on Figure 5. Positioning of the proposed additional PSH recovery wells was determined following a review of the current PSH distribution data and the dissolved phase concentration data. While PSH is being recovered from the site additional groundwater remediation technologies will not be enacted. A dissolved phase benzene concentration exceeding the NMOCD regulatory standard exists in the area of groundwater monitor well MW-12. Review of the Groundwater Chemistry Historical Table, Table 3 indicates that dissolved phase benzene concentrations exceeding NMOCD regulatory standards occurred at groundwater monitor wells MW-10 and MW-13 prior to the presence of

PSH in these areas. The last of the proposed additional PSH recovery wells will be positioned to respond to the possibility of this occurrence in the area of MW-12. Once PSH recovery action has been completed at the impacted wells on-site, groundwater sampling for BTEX constituents will begin or resume at these locations. As the former source area, it is anticipated that benzene concentrations in groundwater in these areas will also be excessive.

An accurate estimate of the hydraulic properties of the contaminated aquifer materials will require completion of a 24-hour steady state draw down test or analysis of core samples. Analysis of the data gathered from aquifer testing and/or core sampling will enable reliable estimates of transmissive and storage properties needed as modeling parameters used to design and test groundwater treatment alternatives at the site. In order to assess the effectiveness of potential bioremediation alternatives at the site, sampling and analysis of the indigenous microbe colonies present in both the unsaturated and saturated zones will also be conducted.

Upon completion of PSH recovery action, abatement of the impacted groundwater on-site is technically feasible using the following technologies:

- Groundwater Pump and Treat System;
- In-Situ Groundwater Bioremediation and Soil Vapor Extraction;
- Air Sparging and Soil Vapor Extraction, and;
- Human-Health Based Risk Assessment.

The pump and treat technology recommended at this site would employ an air stripping system to remove dissolved BTEX constituents from the groundwater. Hydraulic conductivity values expected from the loose, unconsolidated sands found in the area should support a relatively expanded range of groundwater withdrawal rates. As the project matures, pumping rates will be adjusted to respond to changing contaminant concentration foci. Varying pumping rates will maximize the efficiency of the pump and treat system. The current plume stability as observed from a review of the analytical and gradient data available in the project Annual Reports would indicate that this technology would be effective. The primary exclusion factors concerning this type of treatment technology are the extended length of system operation time required to achieve both hydraulic control and site cleanup goals and the large quantities of effluent produced requiring disposal or possible treatment and subsequent injection back into the aquifer materials. Aerated effluent water would be injected back into the formation in up gradient locations to enhance aquifer-flushing action. The injected water would also carry oxygen to the subsurface, promoting biodegradation.

The second option for remediation of petroleum impacted groundwater at this site involves the combination of two currently accepted treatment technologies. In-situ bioremediation (ISBIO) has been shown to be an effective groundwater remediation technology for the full range of dissolved phase petroleum hydrocarbons identified on-site. To increase the efficiency of site groundwater remediation, the ISBIO technology will be combined with soil vapor extraction technology (SVE). Utilizing these remedial technologies simultaneously will treat petroleum constituents in the capillary fringe and saturated zones. SVE treatment technology is appropriate for applications at crude oil release sites with elevated BTEX

constituents dissolved in the groundwater, therefore, SVE is considered a reliable treatment alternative at this site.

With a typical ISBIO remediation system, groundwater is extracted using one or more wells and, if necessary, treated to remove residual dissolved constituents. The treated groundwater is then mixed with an electron acceptor (oxygen and/or nitrogen) and nutrients, and other constituents if required, and re-injected upgradient of or within the contaminant source area. Infiltration galleries or injection wells may be used as re-injection methods. In an ideal configuration, a "closed-loop" system would be established. All water extracted would be re-injected without treatment and all remediation would occur in-situ. This ideal system would continuously circulate the water until cleanup levels have been achieved. Groundwater monitor wells in the area would be used to monitor and verify the success of the treatment process.

Data obtained from a 24-hour steady state draw down test or laboratory core-sample analysis will be used to determine the hydraulic conductivity, storage coefficient and transmissivity of the impacted aquifer materials. An accurate estimate of these parameters is necessary to estimate groundwater characteristics utilizing modeling routines. These characteristics will also be used to define the distribution of electron acceptors (oxygen and/or nitrogen) and nutrients introduced to the effected aquifer. Additional parameters required to determine if ISBIO technology is applicable at the site are type and relative abundance of indigenous microorganisms, total dissolved solids, total organic carbon, biological oxygen demand, carbon dioxide and the pH of on-site groundwater. A review of field data obtained during quarterly groundwater sampling events on-site will be conducted in order to determine the relative pH of the groundwater.

If analysis of the steady-state draw down test / core-sample analysis and additional water quality data indicate that ISBIO and SVE technologies are appropriate at this site, pilot testing of both technologies will be conducted in the vicinity of the highest COC concentrations. Skid mounted treatment units will be employed during the pilot testing. If possible, existing groundwater monitor wells will be utilized as injection wells. All of the monitor wells currently installed on-site are fitted with 2-inch Schedule 40 PVC well materials. Because of the increased annular capacity required by SVE extraction wells, two to four additional wells will be installed and fitted with 4-inch schedule 40 PVC well materials prior to pilot testing. Location, spacing and depth parameters of the extraction wells will be determined from analysis of the draw down and pilot testing data. SVE extraction wells installed in this area will be used to determine/demonstrate the calculated and measured radius of influence of extraction wells in this substrate. Groundwater extraction rates, electron acceptor and nutrient injection rates and wellhead vacuum will be closely monitored, analyzed and varied over the duration of the test. Depending upon results achieved it is expected that the duration of the pilot testing program will be approximately 3 to 6 months. Analysis of the pilot testing results will be used to design and subsequently install a remediation system utilizing the ISBIO and SVE technologies. Installation of injection and extraction wells will be done incrementally to optimize the configuration. Details of system operation and maintenance requirements will be determined in the final system design process.

The third remedial technology considered for this site is the utilization of the combination of Air Sparging and Vacuum/Vapor Extraction technologies (AS/VE). Air Sparging treats the groundwater by stripping or volatilizing the BTEX constituents out of the dissolved phase and also by increasing in-situ biodegradation by the addition of oxygen to the impacted groundwater. As BTEX constituents are liberated from the aqueous phase and enter the gas phase, they migrate to the capillary fringe and subsequently the vadose zone. Vacuum/Vapor Extraction wells installed at these depths induce pressure gradients in the vadose zone, capturing the gaseous phase BTEX constituents for removal and treatment on the surface (Figure 7). A long-term groundwater monitoring program would be conducted to monitor flux of dissolved phase BTEX constituents during site AS/VE treatment.

Air sparging injection wells and vapor extraction wells will be positioned as indicated on Figure 6. Installation of injection and extraction wells will be done incrementally to optimize the configuration. When possible, existing groundwater monitor wells and/or recovery wells will be converted to either sparging wells or vapor extraction wells. The 2-inch, schedule 40 PVC injection wells will penetrate the saturated zone with approximately 10 to 15 feet of fully immersed, 0.020-inch slotted pipe. Air compressors will be utilized to generate the required air pressure for injection purposes. The vapor recovery (VR) well field design is analogous to that of the injection well configuration with the exception that the terminus of these wells will be located just above the approximate capillary fringe. Down-hole construction details of the VR wells includes an approximate 20 foot length of 4-inch, 0.020-inch slotted, schedule 40 PVC pipe connected to 4-inch PVC riser piping to the surface. On the surface the VR wells will be piped to an activated carbon filtering system for effluent gas treatment prior to atmospheric discharge. A moisture knock out pot will be installed down line of the effluent piping manifold to prevent moisture from entering the carbon treatment unit. Surface piping will include effluent sampling ports, temperature gauges and flow shut-off valves on both sides of the carbon unit.

The fourth remedial technology selected to meet NMOCD regulatory cleanup standards at this site is utilization of a Human-Health Based Risk Assessment technology. A site-specific approach will be employed to assess the probability of likely human exposure pathways with evaluations of the individual constituents of TPH concentrations present in the soil and BTEX constituents present in the groundwater. Analytical fate-and-transport modeling will provide a means of estimating exposure concentrations and developing risk-based soil and groundwater remediation standards. Under ASTME E-1739 "Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites," modeling is recommended as a conservative first step under Tiers 1 and 2 of the site evaluation process, prior to use of more complex numerical modeling methods under Tier 3.

In order to prevent subsequent unintended or accidental human exposure to petroleum hydrocarbon constituents remaining on-site following a risk based scenario, the specific site area will be deed restricted. This prevents future consideration of development or improvements on this property. Deed restriction documentation will be filed at the county clerk's office, Lovington, Lea County, New Mexico.

4.0 GROUNDWATER MONITORING

All site monitor wells will be gauged and sampled on a quarterly basis. Each well will be monitored for the presence of PSH and/or depth to groundwater. All of the groundwater monitor wells, with the exception of those registering a presence of PSH, will be purged and sampled for dissolved phase BTEX constituents. Groundwater sampling methodology proposed at this site is described in Section 6.2, Groundwater Sampling of this report.

The quarterly groundwater monitoring data will be compiled and summarized in an annual report. The annual report will be submitted prior to April 1 of the following calendar year according to NMOCD guidelines.

5.0 SUMMARY AND CONCLUSIONS

A total of 20 groundwater monitor wells and 3 phase separated hydrocarbon (PSH) recovery wells are currently on-site. Eight of the monitor wells, MW-1, MW-2, MW-3, MW-5, MW-6, MW-9, MW-13 and MW-14, have been retrofitted with PSH skimming pumps and are connected to an automated product recovery system including the three recovery wells. One groundwater monitor well, MW-12, is currently impacted with a dissolved phase benzene concentration exceeding NMOCD regulatory standards. Environmental Technology Group, Inc. (ETGI) is submitting this Stage II Abatement Plan to propose additional response actions designed to complete removal of PSH from the water table aquifer and to achieve site closure as set forth by the State of New Mexico under NMAC Rule 19 standards.

Based on the field data, the average depth to groundwater at the site is approximately 57 to 65 feet bgs. Data from the New Mexico State Engineer's Office indicate that the average depth to groundwater in the general area is 43 feet bgs. There are no water wells located within 1,000 feet of the site or currently impacted by this release. A 1-mile radius area water well survey was conducted on the New Mexico Office of the State Engineer's web site (Appendix B).

Utilization of Air Sparging and Vacuum/Vapor Extraction technology is recommended because of its cost effectiveness and the applicability of this treatment technology to remove BTEX constituents dissolved in groundwater and to enhance bioremediation of these constituents in the soil. As discussed in Section 3.2, Air Sparging treats the groundwater by stripping or volatilizing the BTEX constituents out of the dissolved phase and also by increasing in-situ biodegradation of BTEX constituents by the addition of oxygen to the impacted groundwater. As BTEX constituents are liberated from the aqueous phase and enter the gas phase, they migrate to the capillary fringe and subsequently the vadose zone. Vacuum/Vapor Extraction wells screened at these depths induce pressure gradients in the vadose zone, capturing the gaseous phase BTEX constituents for removal and treatment on the surface. A long-term groundwater monitoring program would be conducted to monitor concentrations of dissolved phase BTEX constituents during site AS/VE treatment.

A single injection well pilot test will be conducted to test the applicability of this technology at this site. If analysis of the AS/VE pilot test data indicates that this technology is feasible, a

system well field configuration as shown on Figure 6 is proposed. Installation of injection and extraction wells will be conducted incrementally to optimize the well field configuration. In-situ system operating parameters which will be monitored during system operation include: soil gas concentrations of BTEX constituents, injection well pressure and flow rate, SVE well vacuum and flow rate, extraction vapor concentrations, weekly oxygen, carbon dioxide, nitrogen and methane concentrations and the system pulsing frequency.

6.0 QA/QC PROCEDURES

6.1 Soil Sampling

Samples of subsurface soils were obtained utilizing a split spoon sampler. Representative soil samples were divided into two separate portions using clean, disposable gloves and clean sampling tools. One portion of the soil sample was placed in a disposable sample bag. The bag was labeled and sealed for headspace analysis using a photoionization detector (PID) calibrated to a 100-ppm isobutylene standard. Each sample was allowed to volatilize for approximately thirty minutes at ambient temperature prior to conducting the analysis.

The other portion of the soil sample was placed in a sterile glass container equipped with a Teflon-lined lid furnished by the analytical laboratory. The container was filled to capacity to limit the amount of headspace present. Each container was labeled and placed on ice in an insulated cooler. Upon selection of samples for analysis, the cooler was sealed for shipment to the laboratory. Proper chain-of-custody documentation was maintained throughout the sampling process.

Soil samples were delivered to Environmental Lab of Texas, in Odessa, Texas and analyzed within fourteen days following the collection date for BTEX and TPH analyses using the methods described below:

- BTEX concentrations in accordance with EPA SW 846 Method 8021B, 5030, and;
- TPH concentrations in accordance with EPA SW 846 Method 8015M GRO/DRO.

Core samples will be collected utilizing a Shelby tube sampling device, wrapped in plastic and sealed with duct tape. The core sample will be delivered to South West Laboratory, Inc. in Houston, Texas and analyzed for:

- Hydraulic Conductivity in accordance with ASTM Method D5084;
- Moisture Content in accordance with ASTM Method D2216;
- Wet and Dry Bulk Density in accordance with ASTM Method D2937, and;
- Fractional Organic Carbon in accordance with ASTM Method D2974.

6.2 Groundwater Sampling

After purging the wells, groundwater samples were collected with a disposable Teflon sampler and polyethylene line by personnel wearing clean, disposable gloves. Groundwater

sample containers were filled in the order of decreasing volatilization sensitivity (i.e., BTEX containers will be filled first and PAH containers second).

Groundwater samples collected for BTEX analysis were placed in 40 ml glass VOA vials equipped with Teflon lined caps, which had been provided by the analytical laboratory. The vials will be filled to a positive meniscus, sealed, and visually checked to ensure the absence of air bubbles.

The filled containers were labeled and placed on ice in an insulated cooler. The cooler was sealed for transportation to the analytical laboratory. Proper chain-of-custody documentation was maintained throughout the sampling process.

The groundwater samples were analyzed as follows:

- BTEX constituents using EPA Method SW 846-8260;
- Total Dissolved Solids (TDS) using EPA Method SW 846-160.1;
- N.M. Water Quality Control Commission Metals using EPA Method SW 846-6010, 200.7;
- Chlorides using EPA Methods SW 846-325.2 & 9251, SM2320, 375.4 & 9038, and;
- Cations and Anions using EPA Methods 375.4, 325.3 and 310

6.3 Decontamination Of Equipment

In general, the decontamination procedure consisted of using high-pressure steam to wash the drilling and sampling equipment prior to drilling and prior to starting each hole. Prior to use, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water.

6.4 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form. These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

7.0 LIMITATIONS

Environmental Technology Group, Inc. has prepared this Additional Subsurface Investigation Report and Modified Stage II Abatement Plan to the best of its ability. No other warranty, expressed or implied, is made or intended.

Environmental Technology Group, Inc. has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Environmental Technology Group, Inc. has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Environmental Technology Group, Inc. has prepared this report in a professional manner,

using the degree of skill and care exercised by similar environmental consultants. Environmental Technology Group, Inc. also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of EOTT. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Environmental Technology Group, Inc. and/or EOTT.

8.0 REFERENCES

Guidelines for Remediation of Leaks, Spills and Releases; August 1993 (NMOCD, 1993);

Title 19; New Mexico Administrative Code 15.A.19;

Ground-Water Report 6, Geology and Ground-Water Conditions in Southern Lea County, New Mexico; Alexander Nicholson, Jr. and Alfred Clebsch Jr.; United States Geological Survey, New Mexico State Bureau of Mines and Mineral Resources, 1961, and;

Ground Water Contamination, Transport and Remediation, 2 ed.; Bedient, Rifai and Newell, Prentice Hall, 1999.

Practical Techniques for Groundwater and Soil Remediation; Evan K. Nyer, CRC Press LLC, 1993.

Remediation of Petroleum Contaminated Soils; Eve-Riser-Roberts, Lewis Publishers, CRC Press, 1998.

Parameter Estimation Guidelines for Risk-Based Corrective Action (RBCA) Modeling; Conner, Newell and Malander, Groundwater Services, Inc.; NGWA Petroleum Hydrocarbons Conference, Houston, Texas, November 1996.

9.0 DISTRIBUTION

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Camille Reynolds
Quality Control Reviewer

TABLES

TABLE 1

GROUNDWATER ELEVATION
HISTORICAL TABLE

EOTT ENERGY CORPORATION
DARR ANGELL#1
LEA COUNTY, NEW MEXICO
PROJECT # EO 2055

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	05/05/00	3,785.74	54.88	61.57	6.69	3,729.86
	09/13/00	3,785.74	54.58	63.92	9.34	3,729.76
	11/15/00	3,785.74	54.71	64.73	10.02	3,729.53
	02/23/01	3,785.74	54.80	64.61	9.81	3,729.47
	05/15/01	3,785.74	55.74	62.25	6.51	3,729.02
	08/07/01	3,785.74	55.39	65.14	9.75	3,728.89
	11/01/01	3,785.74	55.15	65.03	9.88	3,729.11
	02/19/02	3,785.74	55.24	65.21	9.97	3,729.00
	06/19/02	3,785.74	57.50	62.34	4.84	3,727.51
MW - 2	05/05/00	3,785.88	55.85	58.84	2.99	3,729.58
	09/13/00	3,785.88	55.43	61.79	6.36	3,729.50
	11/15/00	3,785.88	55.80	60.97	5.17	3,729.30
	02/23/01	3,785.88	57.18	58.09	0.91	3,728.56
	05/15/01	3,785.88	56.79	57.01	0.22	3,729.06
	08/07/01	3,785.88	56.55	60.08	3.53	3,728.80
	11/01/01	3,785.88	56.14	61.90	5.76	3,728.88
	02/19/02	3,785.88	56.38	62.10	5.72	3,728.64
	06/19/02	3,785.88	58.22	58.49	0.27	3,727.62
MW - 3	05/05/00	3,786.05	56.28	59.84	3.56	3,729.24
	09/13/00	3,786.05	56.17	61.36	5.19	3,729.10
	11/15/00	3,786.05	56.97	58.42	1.45	3,728.86
	02/23/01	3,786.05	56.53	57.98	1.45	3,729.30
	05/15/01	3,786.05	57.38	58.09	0.71	3,728.56
	08/07/01	3,786.05	57.45	57.99	0.54	3,728.52
	11/01/01	3,786.05	57.35	59.16	1.81	3,728.43
	02/19/02	3,786.05	57.60	59.64	2.04	3,728.14
	06/19/02	3,786.05	58.29	59.24	0.95	3,727.62
MW - 4	05/05/00	3,786.47	-	57.74	0.00	3,728.73
	09/13/00	3,786.47	-	57.93	0.00	3,728.54
	11/15/00	3,786.47	-	58.08	0.00	3,728.39
	02/23/01	3,786.47	-	58.08	0.00	3,728.39
	05/15/01	3,786.47	-	58.26	0.00	3,728.21
	09/13/01	3,786.47	-	58.40	0.00	3,728.07
	11/01/01	3,786.47	-	58.51	0.00	3,727.96
	02/19/02	3,786.47	-	58.66	0.00	3,727.81
	06/19/02	3,786.47	-	58.80	0.00	3,727.67
MW - 5	05/05/00	3,785.55	54.25	63.46	9.21	3,729.92
	09/13/00	3,785.55	54.44	63.43	8.99	3,729.76
	11/15/00	3,785.55	54.54	63.91	9.37	3,729.60
	02/23/01	3,785.55	54.63	63.95	9.32	3,729.52
	05/15/01	3,785.55	54.88	63.90	9.02	3,729.32
	08/07/01	3,785.55	54.92	64.33	9.41	3,729.22
	11/01/01	3,785.55	54.97	64.35	9.38	3,729.17
	02/19/02	3,785.55	55.71	64.74	9.03	3,728.49
	06/19/02	3,785.55	57.72	58.19	0.47	3,727.76

TABLE 1 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	05/05/00	3,785.47	56.02	56.08	0.06	3,729.44
	09/13/00	3,785.47	55.23	60.63	5.40	3,729.43
	11/15/00	3,785.47	55.38	60.65	5.27	3,729.30
	02/23/01	3,785.47	55.97	58.60	2.63	3,729.11
	05/15/01	3,785.47	56.36	57.86	1.50	3,728.89
	08/07/01	3,785.47	55.82	60.91	5.09	3,728.89
	11/01/01	3,785.47	55.89	61.10	5.21	3,728.80
	02/19/02	3,785.47	56.06	61.38	5.32	3,728.61
	06/19/02	3,785.47	57.81	57.97	0.16	3,727.64
MW - 7	05/05/00	3,785.48	-	56.42	0.00	3,729.06
	09/13/00	3,785.48	-	56.57	0.00	3,728.91
	11/15/00	3,785.48	-	56.74	0.00	3,728.74
	02/23/01	3,785.48	-	56.80	0.00	3,728.68
	05/15/01	3,785.48	-	56.91	0.00	3,728.57
	08/07/01	3,785.48	-	57.03	0.00	3,728.45
	11/01/01	3,785.48	-	57.16	0.00	3,728.32
	02/19/02	3,785.48	-	57.32	0.00	3,728.16
	06/19/02	3,785.48	-	57.48	0.00	3,728.00
MW - 8	05/05/00	3,785.76	55.40	59.51	4.11	3,729.74
	09/13/00	3,785.76	55.05	62.09	7.04	3,729.65
	11/15/00	3,785.76	55.18	62.37	7.19	3,729.50
	02/23/01	3,785.76	55.94	59.35	3.41	3,729.31
	05/15/01	3,785.76	56.23	59.02	2.79	3,729.11
	08/07/01	3,785.76	55.61	61.98	6.37	3,729.19
	11/01/01	3,785.76	55.61	62.93	7.32	3,729.05
	02/19/02	3,785.76	55.90	63.03	7.13	3,728.79
	06/19/02	3,785.76	56.65	62.76	6.11	3,728.19
MW - 9	05/05/00	3,785.79	56.34	57.84	1.50	3,729.23
	09/13/00	3,785.79	55.05	64.47	9.42	3,729.33
	11/15/00	3,785.79	55.18	65.03	9.85	3,729.13
	02/23/01	3,785.79	55.25	65.00	9.75	3,729.08
	05/15/01	3,785.79	55.60	64.44	8.84	3,728.86
	08/07/01	3,785.79	55.52	65.28	9.76	3,728.81
	11/01/01	3,785.79	55.59	65.47	9.88	3,728.72
	02/19/02	3,785.79	55.82	65.38	9.56	3,728.54
	06/19/02	3,785.79	58.05	58.56	0.51	3,727.66
MW - 10	06/27/00	3,785.99	-	57.46	0.00	3,728.53
	09/13/00	3,785.99	-	57.52	0.00	3,728.47
	11/15/00	3,785.99	57.67	57.67	0.00	3,728.32
	02/23/01	3,785.99	57.76	57.76	0.00	3,728.23
	05/15/01	3,785.99	57.88	57.88	0.00	3,728.11
	08/07/01	3,785.99	58.01	58.02	0.01	3,727.98
	11/01/01	3,785.99	58.11	58.15	0.04	3,727.87
	02/19/02	3,785.99	58.25	58.44	0.19	3,727.71
	06/19/02	3,785.99	58.33	59.00	0.67	3,727.56

TABLE 1 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	06/27/00	3,786.32	-	58.05	0.00	3,728.27
	09/13/00	3,786.32	-	58.12	0.00	3,728.20
	11/15/00	3,786.32	-	58.17	0.00	3,728.15
	02/23/01	3,786.32	-	58.31	0.00	3,728.01
	05/15/01	3,786.32	-	58.45	0.00	3,727.87
	08/07/01	3,786.32	-	58.57	0.00	3,727.75
	11/01/01	3,786.32	-	58.70	0.00	3,727.62
	02/19/02	3,786.32	-	58.80	0.00	3,727.52
	06/19/02	3,786.32	-	59.02	0.00	3,727.30
MW - 12	06/27/00	3,785.79	-	57.24	0.00	3,728.55
	09/13/00	3,785.79	-	57.31	0.00	3,728.48
	11/15/00	3,785.79	-	57.46	0.00	3,728.33
	02/23/01	3,785.79	-	57.52	0.00	3,728.27
	05/15/01	3,785.79	-	57.64	0.00	3,728.15
	08/07/01	3,785.79	-	57.75	0.00	3,728.04
	11/01/01	3,785.79	-	57.88	0.00	3,727.91
	02/19/02	3,785.79	-	58.04	0.00	3,727.75
	06/19/02	3,785.79	-	58.19	0.00	3,727.60
MW - 13	06/27/00	3,786.01	-	57.60	0.00	3,728.41
	09/13/00	3,786.01	57.63	57.82	0.19	3,728.35
	11/15/00	3,786.01	57.74	58.39	0.65	3,728.17
	02/23/01	3,786.01	57.83	58.41	0.58	3,728.09
	05/15/01	3,786.01	57.82	59.31	1.49	3,727.97
	08/07/01	3,786.01	57.80	58.21	0.41	3,728.15
	11/01/01	3,786.01	57.82	60.55	2.73	3,727.78
	02/19/02	3,786.01	57.98	60.88	2.90	3,727.60
	06/19/02	3,786.01	58.60	58.94	0.34	3,727.36
MW - 14	06/27/00	3,786.06	-	57.62	0.00	3,728.44
	09/13/00	3,786.06	56.76	61.34	4.58	3,728.61
	11/15/00	3,786.06	56.43	63.20	6.77	3,728.61
	02/23/01	3,786.06	56.47	63.14	6.67	3,728.59
	05/15/01	3,786.06	56.74	63.22	6.48	3,728.35
	08/07/01	3,786.06	56.91	57.38	0.47	3,729.08
	11/01/01	3,786.06	56.81	63.20	6.39	3,728.29
	02/19/02	3,786.06	57.09	63.23	6.14	3,728.05
	06/19/02	3,786.06	57.29	63.20	5.91	3,727.88
MW - 15	06/27/00	3,786.13	-	57.42	0.00	3,728.71
	09/13/00	3,786.13	-	57.50	0.00	3,728.63
	11/15/00	3,786.13	-	57.65	0.00	3,728.48
	02/23/01	3,786.13	-	57.73	0.00	3,728.40
	05/15/01	3,786.13	-	57.81	0.00	3,728.32
	08/07/01	3,786.13	-	57.92	0.00	3,728.21
	11/01/01	3,786.13	-	58.09	0.00	3,728.04
	02/19/02	3,786.13	-	58.24	0.00	3,727.89
	06/19/02	3,786.13	-	58.40	0.00	3,727.73

TABLE 1 (CONT')

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	06/27/00	3,786.33	-	57.83	0.00	3,728.50
	09/13/00	3,786.33	-	57.91	0.00	3,728.42
	11/15/00	3,786.33	-	58.06	0.00	3,728.27
	02/23/01	3,786.33	-	58.07	0.00	3,728.26
	05/15/01	3,786.33	-	58.24	0.00	3,728.09
	08/07/01	3,786.33	-	58.30	0.00	3,728.03
	11/01/01	3,786.33	-	58.50	0.00	3,727.83
	02/19/02	3,786.33	-	58.65	0.00	3,727.68
	06/19/02	3,786.33	-	58.78	0.00	3,727.55
MW - 17	09/13/00	3,785.83	-	57.27	0.00	3,728.56
	11/15/00	3,785.83	-	57.43	0.00	3,728.40
	02/23/01	3,785.83	-	57.50	0.00	3,728.33
	05/15/01	3,785.83	-	57.61	0.00	3,728.22
	08/07/01	3,785.83	-	57.73	0.00	3,728.10
	11/01/01	3,785.83	-	57.87	0.00	3,727.96
	02/19/02	3,785.83	-	58.01	0.00	3,727.82
	06/19/02	3,785.83	-	58.18	0.00	3,727.65
MW - 18	09/13/00	3,786.10	-	57.74	0.00	3,728.36
	11/15/00	3,786.10	-	57.93	0.00	3,728.17
	02/23/01	3,786.10	-	57.97	0.00	3,728.13
	05/15/01	3,786.10	-	58.10	0.00	3,728.00
	08/07/01	3,786.10	-	58.22	0.00	3,727.88
	11/01/01	3,786.10	-	58.35	0.00	3,727.75
	02/19/02	3,786.10	-	58.51	0.00	3,727.59
	06/19/02	3,786.10	-	58.66	0.00	3,727.44
MW - 19	09/13/00	3,785.71	-	57.29	0.00	3,728.42
	11/15/00	3,785.71	-	57.44	0.00	3,728.27
	02/23/01	3,785.71	-	57.52	0.00	3,728.19
	05/15/01	3,785.71	-	57.60	0.00	3,728.11
	08/07/01	3,785.71	-	57.75	0.00	3,727.96
	11/01/01	3,785.71	-	57.89	0.00	3,727.82
	02/19/02	3,785.71	-	57.97	0.00	3,727.74
	06/19/02	3,785.71	-	58.18	0.00	3,727.53
MW - 20	09/13/00	3,786.00	-	57.36	0.00	3,728.64
	11/15/00	3,786.00	-	57.41	0.00	3,728.59
	02/23/01	3,786.00	-	57.59	0.00	3,728.41
	05/15/01	3,786.00	-	57.69	0.00	3,728.31
	08/07/01	3,786.00	-	57.82	0.00	3,728.18
	11/01/01	3,786.00	-	57.95	0.00	3,728.05
	02/19/02	3,786.00	-	58.10	0.00	3,727.90
	06/19/02	3,786.00	-	58.26	0.00	3,727.74
RW - 1	09/13/00	3,785.94	56.00	62.41	6.41	3,728.98
	11/15/00	3,785.94	55.52	65.41	9.89	3,728.94
	02/23/01	3,785.94	55.68	65.22	9.54	3,728.83
	05/15/01	3,785.94	55.99	64.84	8.85	3,728.62
	08/07/01	3,785.94	55.91	65.68	9.77	3,728.56
	11/01/01	3,785.94	55.99	65.82	9.83	3,728.48
	02/19/02	3,785.94	56.24	66.02	9.78	3,728.23
	06/19/02	3,785.94	56.35	65.89	9.54	3,728.16

TABLE 1 (CONT')

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/13/00	3,786.14	56.34	62.78	6.44	3,728.83
	11/15/00	3,786.14	56.05	65.14	9.09	3,728.73
	02/23/01	3,786.14	56.21	64.85	8.64	3,728.63
	05/15/01	3,786.14	56.89	62.88	5.99	3,728.35
	08/07/01	3,786.14	56.51	65.16	8.65	3,728.33
	11/01/01	3,786.14	56.51	65.37	8.86	3,728.30
	02/19/02	3,786.14	56.75	65.66	8.91	3,728.05
	06/19/02	3,786.14	58.45	58.66	0.21	3,727.66
RW - 3	09/13/00	3,786.14	56.53	62.02	5.49	3,728.79
	11/15/00	3,786.14	55.96	65.48	9.52	3,728.75
	02/23/01	3,786.14	56.14	65.12	8.98	3,728.65
	05/15/01	3,786.14	56.75	63.48	6.73	3,728.38
	08/07/01	3,786.14	56.44	65.16	8.72	3,728.39
	11/01/01	3,786.14	56.48	65.67	9.19	3,728.28
	02/19/02	3,786.14	56.75	65.85	9.10	3,728.03
	06/19/02	3,786.14	58.38	58.70	0.32	3,727.71

Table 2

SOIL CHEMISTRY

EOTT Energy Corp.
DARR ANGELL #1
LEA COUNTY, NM
ETGI Project # EO 2055

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO C_6-C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
6/20/2000	MW10 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW10 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW10 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW10 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW10 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW10 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW10 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW10 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW10 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW10 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW10 48-50' SS	37	339	376	<0.100	<0.100	<0.100	0.3	0.155	0.455
	MW10 53-55' SS	147	443	590	-	-	-	-	-	-
	MW10 65' C	<10	148	148	-	-	-	-	-	-
6/21/2000	MW11 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW11 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW11 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW11 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW11 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW11 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW11 58-60' C	<10	<10	<20	-	-	-	-	-	-
6/21/2000	MW12 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW12 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW12 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW12 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW12 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW12 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW12 58-60' SS	<10	<10	<20	-	-	-	-	-	-
6/22/2000	MW13 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW13 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW13 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW13 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW13 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW13 53-55' SS	<10	331	331	<0.100	<0.100	<0.100	<0.100	<0.100	<0.500
	MW13 58-60'	<10	125	125	-	-	-	-	-	-

Table 2 (Continued)

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO C_6-C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
6/22/2000	MW14 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW14 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW14 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW14 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW14 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW14 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW14 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW14 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW14 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW14 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW14 48-50' SS	24	735	759	<0.100	<0.100	<0.100	<0.100	<0.100	<0.500
	MW14 53-55' SS	385	3170	3555	<0.100	0.192	0.463	1.74	0.758	3.153
	MW14 58-60' SS	<10	191	191	-	-	-	-	-	-
6/22/2000	MW15 0-2' C	<10	27	27	-	-	-	-	-	-
	MW15 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW15 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW15 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW15 18-20' C	<10	10	10	-	-	-	-	-	-
	MW15 23-25' C	<10	<10	<20	-	-	-	-	-	-
	MW15 28-30' C	<10	<10	<20	-	-	-	-	-	-
	MW15 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW15 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW15 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW15 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW15 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW15 58-60' SS	<10	<10	<20	-	-	-	-	-	-
6/22/2000	MW16 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW16 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW16 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW16 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW16 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW16 23-25' C	<10	<10	<20	-	-	-	-	-	-
	MW16 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW16 58-60' SS	<10	<10	<20	-	-	-	-	-	-
7/3/2000	MW17 0-2' C	<10	22	22	-	-	-	-	-	-
	MW17 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW17 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW17 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW17 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW17 23-25' C	<10	<10	<20	-	-	-	-	-	-
	MW17 28-30' C	<10	<10	<20	-	-	-	-	-	-
	MW17 33-35' C	<10	<10	<20	-	-	-	-	-	-
	MW17 38-40' C	<10	<10	<20	-	-	-	-	-	-
	MW17 43-45' SS	<20	<20	<40	-	-	-	-	-	-
	MW17 48-50' SS	<20	<20	<40	-	-	-	-	-	-
	MW17 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW17 58-60' SS	<10	<10	<20	-	-	-	-	-	-
7/3/2000	MW18 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW18 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW18 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW 18 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW18 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW18 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW18 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW18 33-35' C	<10	<10	<20	-	-	-	-	-	-
	MW18 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW18 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW18 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW18 53-55' C	<10	<10	<20	-	-	-	-	-	-
	MW18 58-60' C	<10	<10	<20	-	-	-	-	-	-

Table 2 (Continued)

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO C_6-C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
7/5/2000	MW19 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW19 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW19 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW19 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW19 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW19 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 28-30' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW19 58-60' SS	<10	<10	<20	-	-	-	-	-	-
7/5/2000	MW20 0-2' C	<10	<10	<20	-	-	-	-	-	-
	MW20 3-5' C	<10	<10	<20	-	-	-	-	-	-
	MW20 8-10' C	<10	<10	<20	-	-	-	-	-	-
	MW20 13-15' C	<10	<10	<20	-	-	-	-	-	-
	MW20 18-20' C	<10	<10	<20	-	-	-	-	-	-
	MW20 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 28-30' C	<10	<10	<20	-	-	-	-	-	-
	MW20 33-35' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 38-40' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 43-45' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 48-50' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 53-55' SS	<10	<10	<20	-	-	-	-	-	-
	MW20 58-60' SS	<10	<10	<20	-	-	-	-	-	-
6/20/2000	SB1 0-2' C	<10	<10	<20	-	-	-	-	-	-
	SB1 3-5' C	<10	<10	<20	-	-	-	-	-	-
	SB1 8-10' C	<10	<10	<20	-	-	-	-	-	-
	SB1 13-15' C	<10	11	11	-	-	-	-	-	-
6/20/2000	SB2 0-2' C	<10	<10	<20	-	-	-	-	-	-
	SB2 3-5' C	<10	<10	<20	-	-	-	-	-	-
	SB2 8-10' C	<10	<10	<20	-	-	-	-	-	-
	SB2 13-15' C	<10	<10	<20	-	-	-	-	-	-
6/20/2000	SB3 0-2' C	<10	<10	<20	-	-	-	-	-	-
	SB3 3-5' C	<10	<10	<20	-	-	-	-	-	-
	SB3 8-10' C	<10	<10	<20	-	-	-	-	-	-
	SB3 13-15' C	<10	<10	<20	-	-	-	-	-	-
7/6/2000	RW1 0-2' C	<10	<10	<20	-	-	-	-	-	-
	RW1 3-5' C	<10	<10	<20	-	-	-	-	-	-
	RW1 8-10' C	<10	<10	<20	-	-	-	-	-	-
	RW1 13-15' C	<10	<10	<20	-	-	-	-	-	-
	RW1 18-20' C	<10	<10	<20	-	-	-	-	-	-
	RW1 23-25' SS	<10	<10	<20	-	-	-	-	-	-
	RW1 28-30' C	<10	<10	<20	-	-	-	-	-	-
	RW1 33-35' C	<10	<10	<20	-	-	-	-	-	-
	RW1 38-40' SS	260	729	989	-	-	-	-	-	-
	RW1 43-45' SS	491	926	1417	-	-	-	-	-	-
	RW1 48-50' SS	61	1116	1177	-	-	-	-	-	-
	RW1 53-55' SS	1545	10090	11635	<0.100	3.31	3.25	13.1	5.36	25.02
	RW1 58-60' SS	78	1921	1999	-	-	-	-	-	-
7/7/2000	RW2 0-2'	<10	<10	<20	-	-	-	-	-	-
	RW2 3-5'	<10	<10	<20	-	-	-	-	-	-
	RW2 8-10'	<10	<10	<20	-	-	-	-	-	-
	RW2 13-15'	<10	<10	<20	-	-	-	-	-	-
	RW2 18-20'	<10	<10	<20	-	-	-	-	-	-
	RW2 23-25'	<10	<10	<20	-	-	-	-	-	-
	RW2 28-30'	<10	<10	<20	-	-	-	-	-	-
	RW2 33-35'	<10	<10	<20	-	-	-	-	-	-
	RW2 38-40'	13	333	346	-	-	-	-	-	-
	RW2 43-45'	14	672	686	-	-	-	-	-	-
	RW2 48-50'	18	728	746	-	-	-	-	-	-
	RW2 53-55'	1282	11057	12339	<0.100	2.23	2.04	7.14	2.97	14.38
	RW2 58-60'	196	5594	5790	<0.100	0.127	<0.100	0.637	0.259	1.023

Table 2 (Continued)

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO C_6-C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
7/10/2000	RW3 0-2'	<10	34	34	-	-	-	-	-	-
	RW3 3-5'	<10	23	23	-	-	-	-	-	-
	RW3 8-10'	<10	<10	<20	-	-	-	-	-	-
	RW3 13-15'	<10	<10	<20	-	-	-	-	-	-
	RW3 18-20'	<10	<10	<20	-	-	-	-	-	-
	RW3 23-25'	<10	<10	<20	<0.100	<0.100	<0.100	<0.100	<0.100	<0.500
	RW3 28-30'	<10	<10	<20	-	-	-	-	-	-
	RW3 33-35'	<10	80	80	-	-	-	-	-	-
	RW3 38-40'	21	632	653	-	-	-	-	-	-
	RW3 43-45'	43	838	881	<0.100	<0.100	<0.100	<0.100	<0.100	<0.500
	RW3 48-50'	120	1140	1260	<0.100	<0.100	0.146	0.774	0.387	1.307
	RW3 53-55'	942	7515	8457	<0.100	4.9	4.04	14.3	5.61	28.85
	RW3 58-60'	<10	567	567	<0.100	<0.100	<0.100	0.172	<0.100	0.172

TABLE 3

GROUND WATER CHEMISTRY
HISTORICAL TABLE

EOTT ENERGY CORPORATION
DARR ANGEL #1
MONUMENT, NEW MEXICO
PROJECT # EO 2055

All Concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-4	05/05/00	<0.001	<0.001	<0.001	<0.001
	09/13/00	<0.001	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-7	05/05/00	<0.001	<0.001	<0.001	<0.001
	09/13/00	<0.001	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-10	06/27/00	1.520	0.787	0.303	0.973
MW-11	06/27/00	0.007	0.006	0.003	0.01
	09/13/00	<0.001	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.005	<0.005	<0.005	<0.005
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-12	06/27/00	1.360	<0.050	<0.050	0.151
	09/13/00	1.250	<0.010	<0.010	0.085
	11/16/00	0.942	0.002	0.002	0.103
	02/23/01	0.712	<0.005	<0.005	0.078
	05/15/01	1.770	<0.005	0.005	0.139
	08/07/01	1.740	<0.001	0.004	0.101
	11/01/01	2.070	<0.001	0.005	0.072
	02/19/02	2.120	<0.001	0.005	0.017
	06/19/02	2.050	<0.001	0.005	0.017
MW-13	06/27/00	2.730	0.186	0.115	0.414

TABLE 3 (CONT'D)

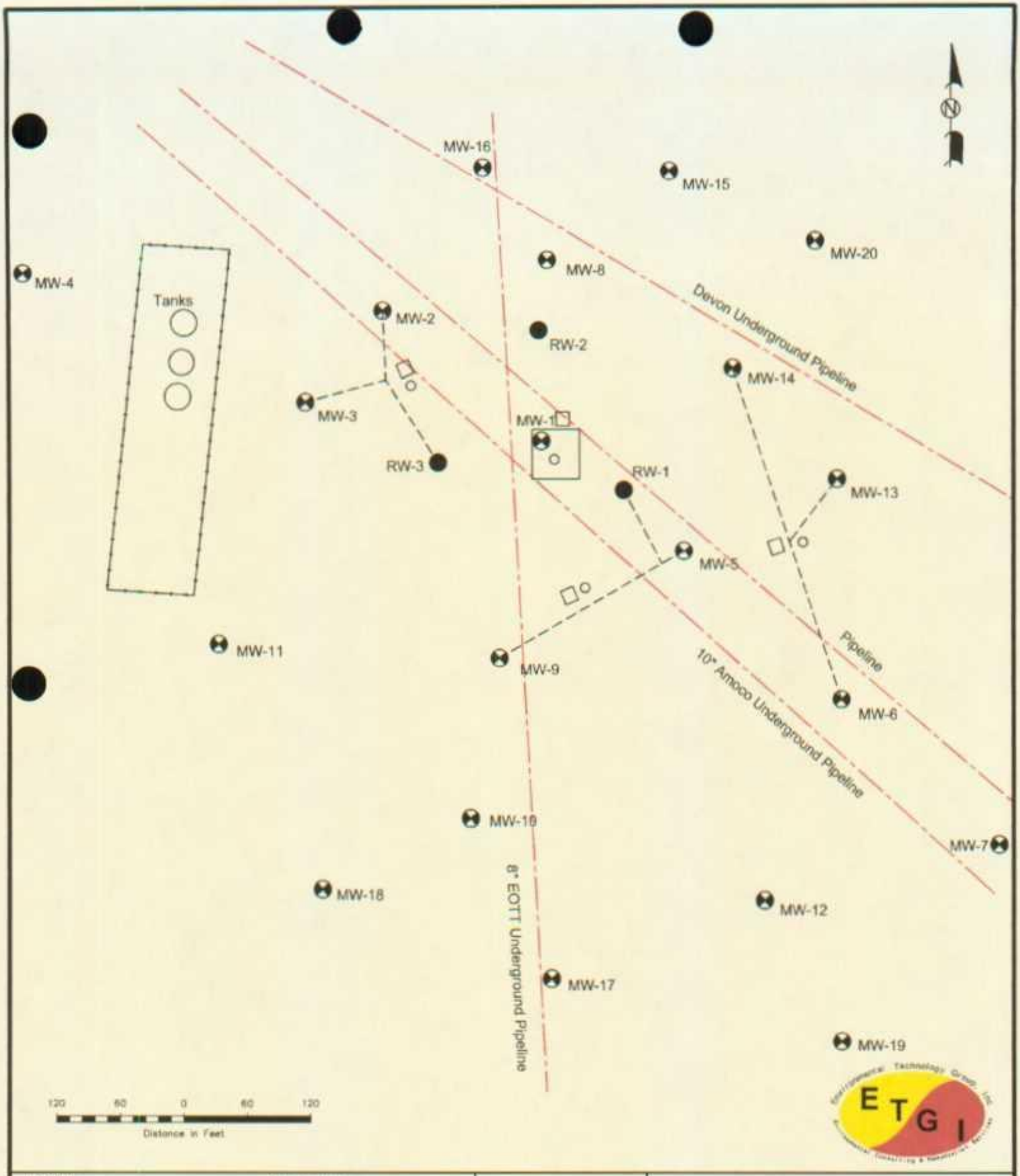
SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-15	06/27/00	0.011	0.003	0.001	0.005
	09/13/00	0.002	<0.001	<0.001	<0.001
	11/16/00	0.002	<0.001	<0.001	0.005
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.005	<0.005	<0.005	<0.005
	08/07/01	0.002	<0.001	<0.001	<0.001
	11/01/01	0.001	<0.001	<0.001	<0.001
	02/19/02	0.001	0.001	0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-16	06/27/00	0.008	0.004	0.001	0.004
	09/13/00	<0.001	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.005	<0.005	<0.005	<0.005
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-17	09/13/00	0.003	<0.001	<0.001	0.002
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-18	09/13/00	0.002	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
MW-19	09/13/00	0.004	<0.001	0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	<0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001

TABLE 3 (CONT'D)

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-20	09/13/00	<0.001	<0.001	<0.001	<0.001
	11/16/00	<0.001	<0.001	<0.001	0.001
	02/23/01	<0.001	<0.001	<0.001	<0.001
	05/15/01	<0.001	<0.001	<0.001	<0.001
	08/07/01	<0.001	<0.001	<0.001	<0.001
	11/01/01	<0.001	<0.001	<0.001	<0.001
	02/19/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001

FIGURES

Location NW1/4 SE1/4 Sec 11 T15S R37E Lat. 33° 01' 36.0"N Long 103° 10' 00.7"W	Figure 1 Site Location Map EOTT Energy Corp. Darr Angell #1 Lea County, NM	Environmental Technology Group, INC.	
		Scale: 1"=2000	Prep By: JDJ / Checked By: MVS
		July 26, 2000	ETGI Project # EOT 2055C



LEGEND:
- Monitoring Well Locations
- Recovery Well Locations
- — Product/Recovery Line
- Shed
- Poly Tank

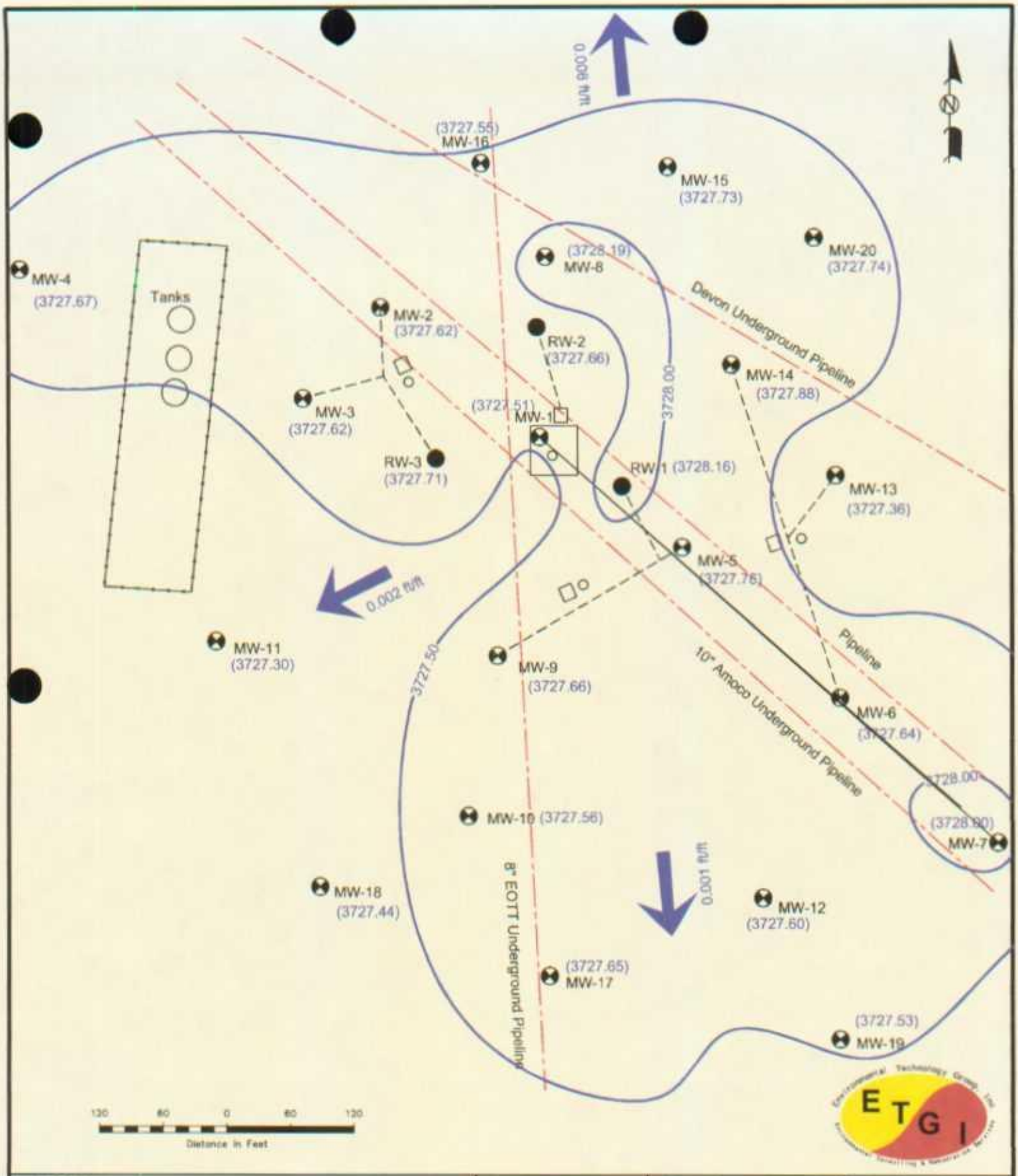
Site Location:

Figure 2
Site Map

EOTT Energy Corp.
Darr Angell #1
Lea County, NM

Environmental Technology Group, INC.

Scale: 1"=120'	Prep By: JDJ	Checked By: KD
January 23, 2002	ETGI Project # EOT 2055C	

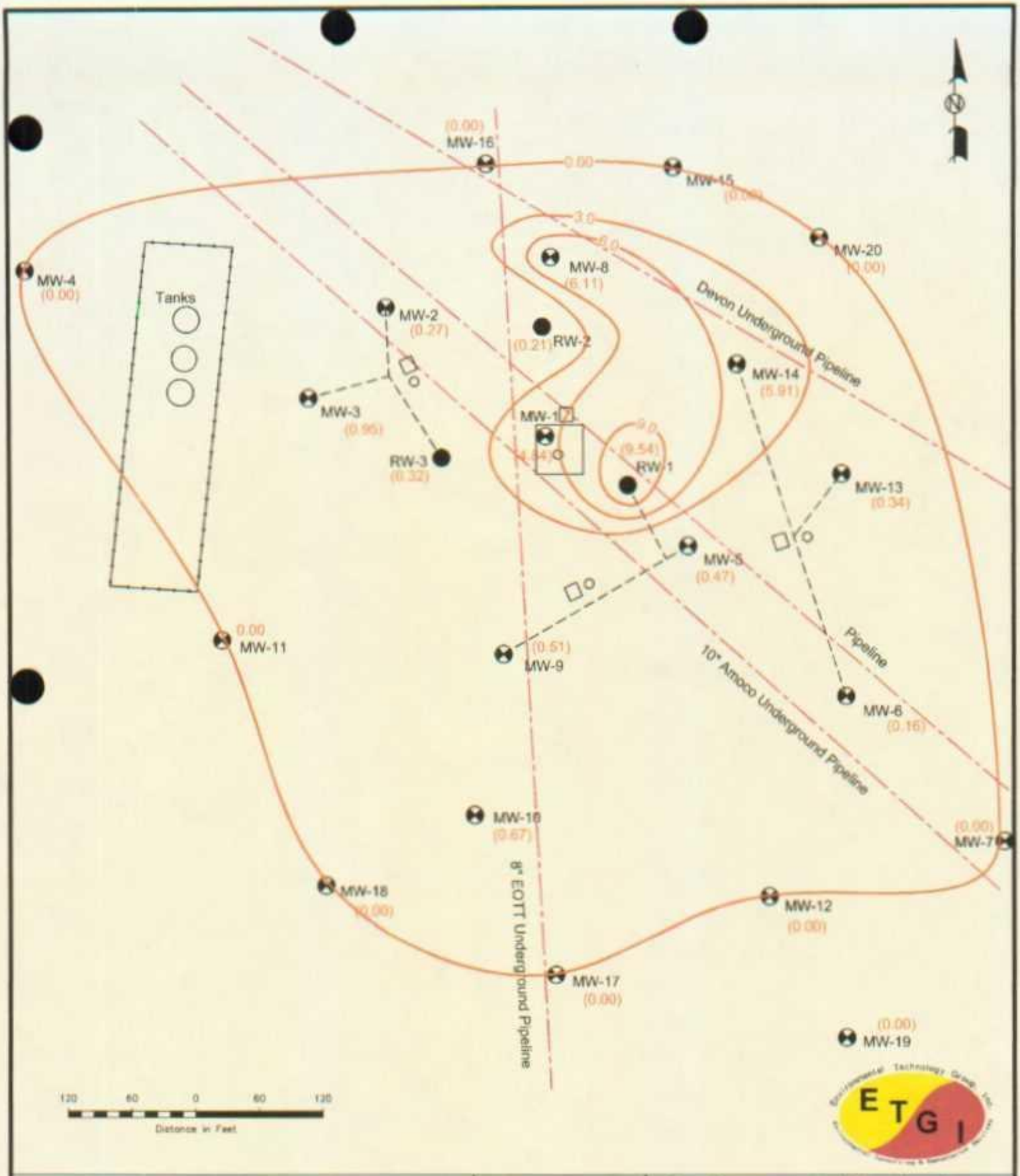


LEGEND:
- Monitoring Well Location
- Recovery Well Location
- Groundwater Gradient Contour Line
- (3728.36) Groundwater Elevation in Feet

Figure 3
Groundwater Gradient Map (6/19/02 Data)
EOTT Energy Corp.
Darr Angell #1
Lea County, NM

Environmental Technology Group, Inc.

NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	Prep By: JDJ	Checked By: RE
September 18, 2002	ETGI Project # EOT2055C	



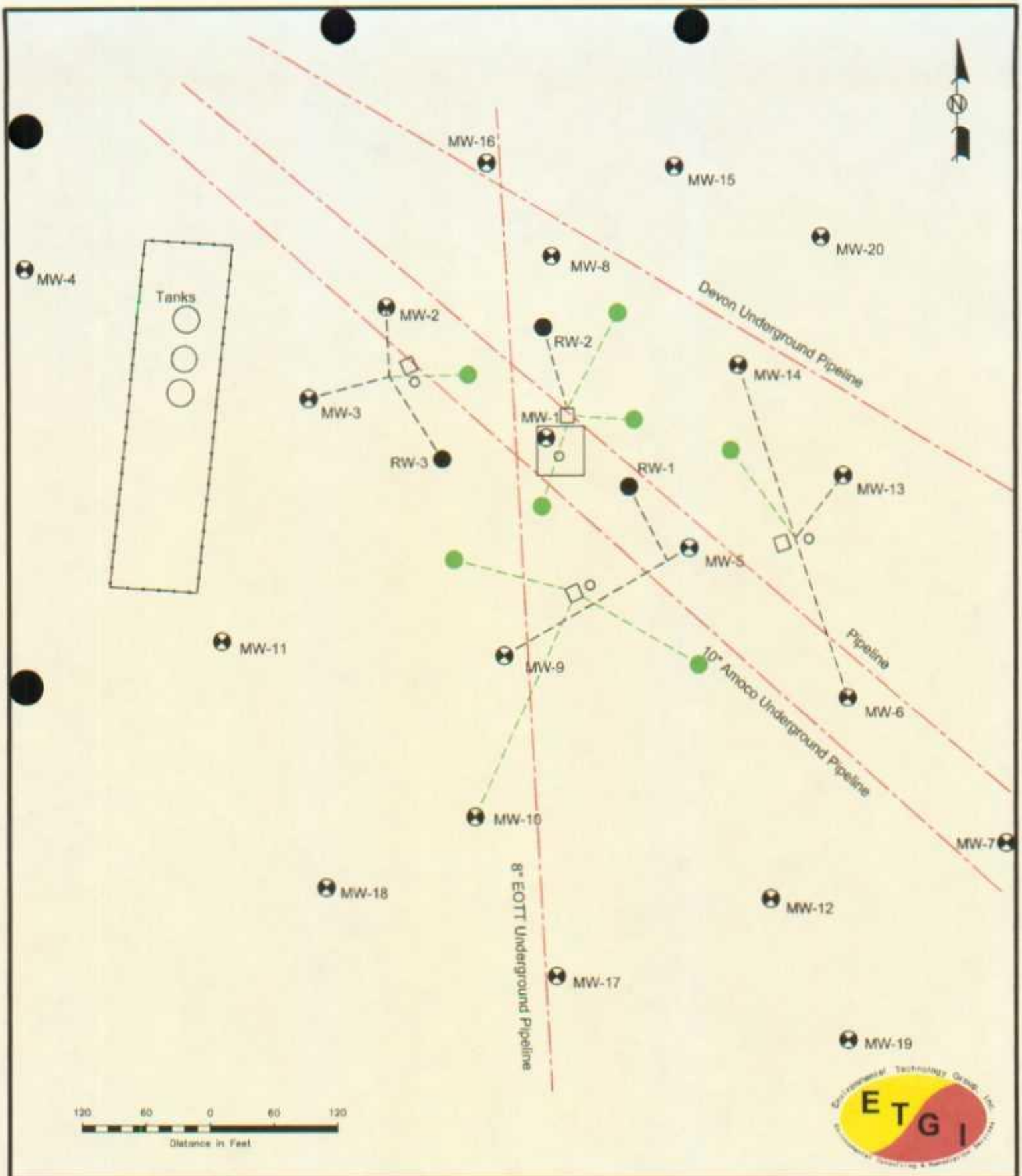
LEGEND:

- Monitoring Well Location
- Recovery Well Location
- Soil Boring Location
- PSH Thickness Contour (in feet)

Figure 4
Inferred PSH Distribution
Map (6/19/02 Data)
EOTT Energy Corp.
Darr Angell #1
Lea County, NM

Environmental Technology Group, Inc.

NW1/4 SE1/4 Sec.11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	Prep By: JDJ	Checked By: RE
September 23, 2002	ETGI Project # EOT2055C	

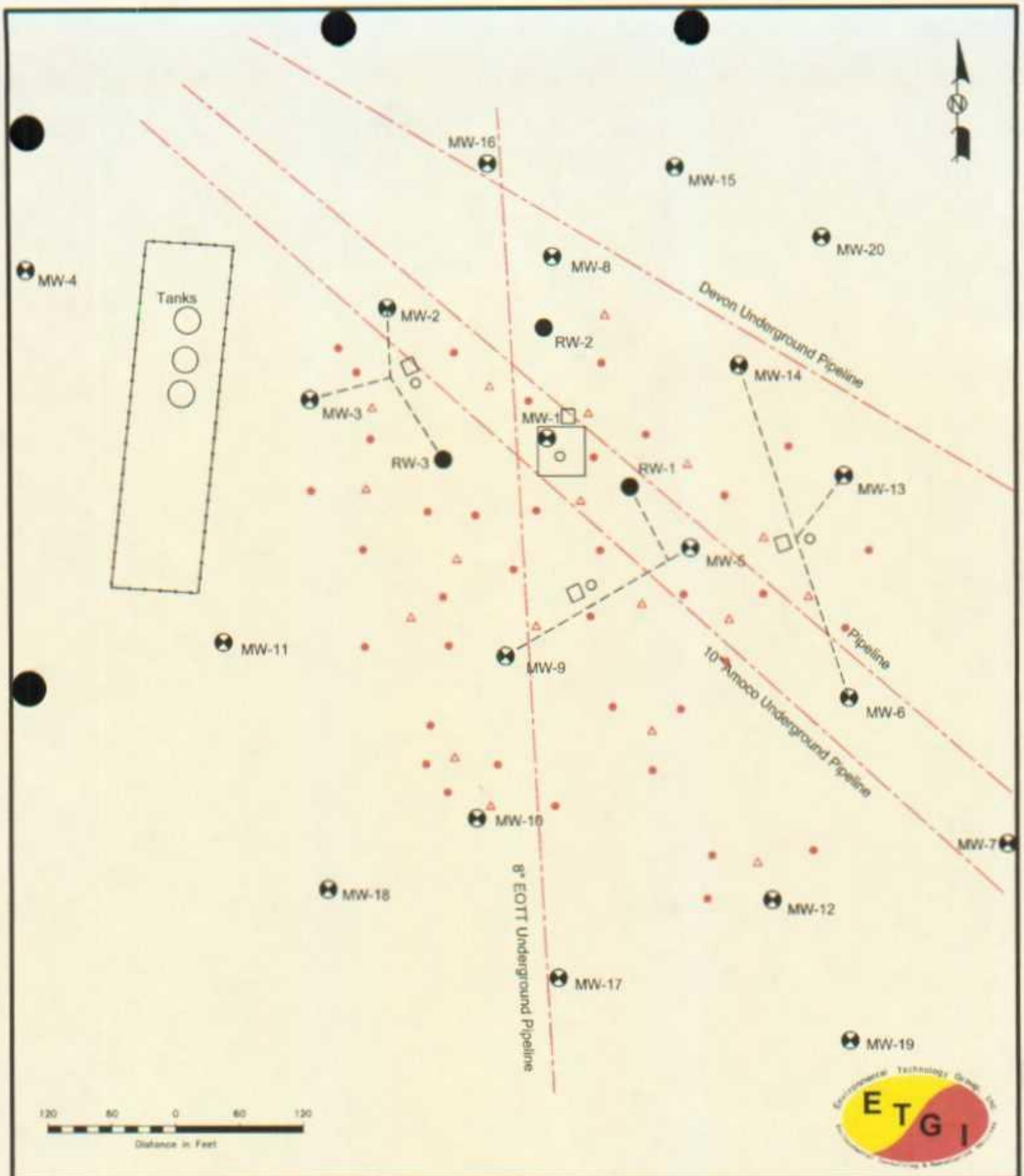


LEGEND:
- Monitoring Well Location
- Recovery Well Location
- Proposed Product/Recovery Line
- Proposed Additional PSH Recovery Well

Figure 5
Proposed Additional Recovery Well Locations
EOTT Energy Corp.
Darr Angell #1
Lea County, NM

Environmental Technology Group, INC.

Scale: 1"=120'	Prep By: JDJ	Checked By: CR
September 23, 2002	ETGI Project # EOT 2055C	



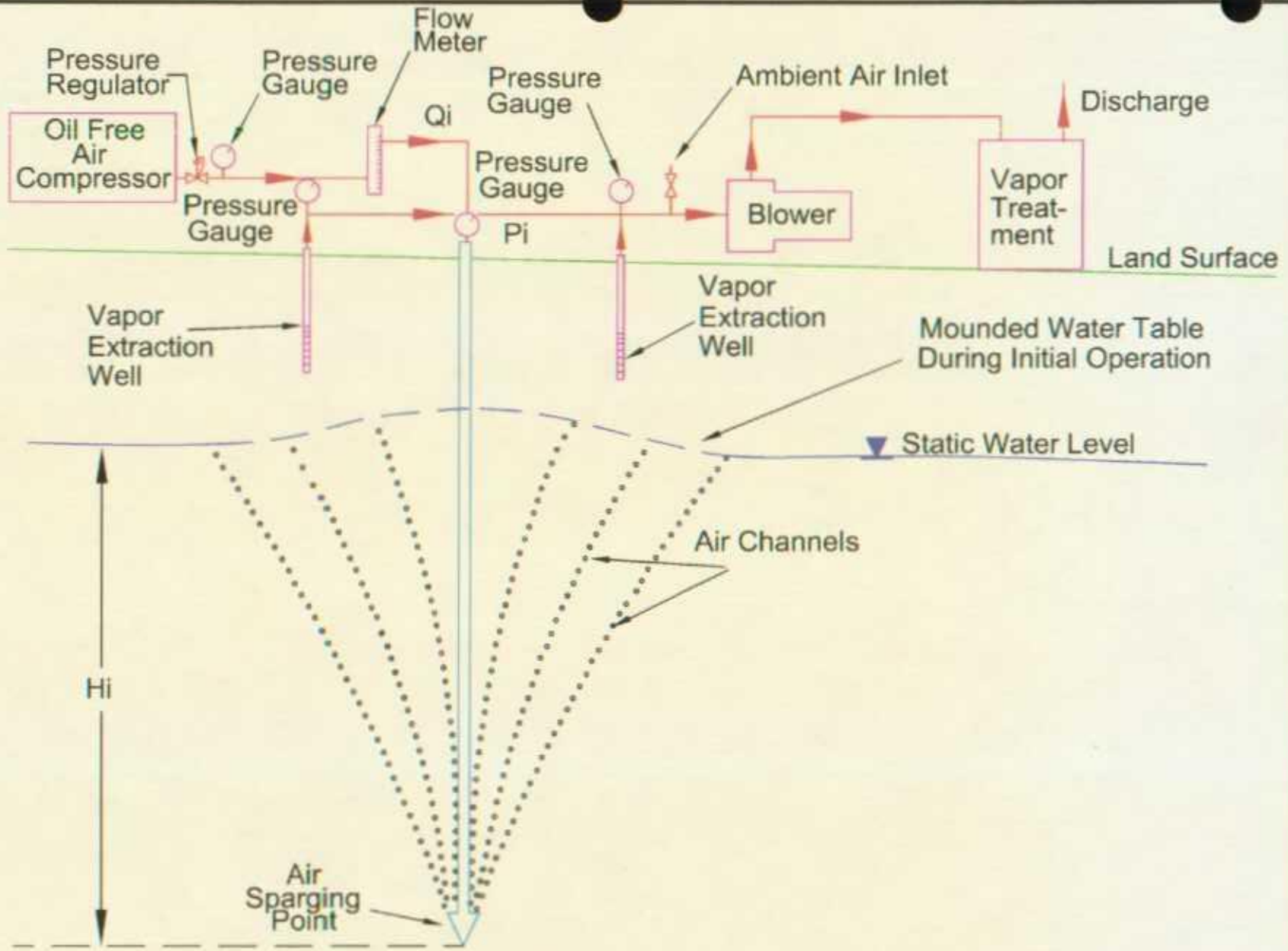
LEGEND:
- Monitoring Well Location
- Recovery Well Location
- Soil Boring Location
- PSH Thickness Contour (in feet)
- Air Sparging Injection Well Location
- Vapor Extraction Well Location

Figure 6
Air Sparging/Vapor Extraction Well Configuration Map
EOTT Energy Corp.
Darr Angell #1
Lea County, NM

Environmental Technology Group, Inc.

NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	Prep By: JDJ	Checked By: RE
September 23, 2002	ETGI Project # EOT2055C	

DRAFT



Generalized Air Sparging Schematic Diagram

Explanation

Hi Depth of Injection Qi Injection Flow Rate Pi Injection Pressure

Figure 7
Air Sparging
Schematic Diagram
ECTT Energy Pipeline, LP
Darr angell #1
Lea County, New Mexico

Environmental Technology Group, Inc.

APPENDICES

APPENDIX A

LABORATORY REPORTS

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 47 deg. F
Project #: EOT 1020R
Project Name: Darr Angel
Project Location: Lea County, N.M.

Sampling Date: 05/05/00
Receiving Date: 05/05/00
Analysis Date: 05/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25565	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
25566	MW 7	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		106	100	103	113	102
% EA		101	96	98	105	97
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Umesh Rao, Ph. D.

5/17/00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 47 deg. F
Project #: EOT 1020R
Project Name: Darr Angel
Project Location: Lea County, N.M.

Sampling Date: 05/05/00
Receiving Date: 05/05/00
Analysis Date: See Below

ELT#	FIELD CODE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
25565	MW-4	154	71	<5	350	654
25566	MW-7	69.4	27	<5	227	399
QUALITY CONTROL		56.4	5140	*	*	*
TRUE VALUE		50.0	5000	*	*	*
% PRECISION		113	103	*	*	*
ANALYSIS DATE		05/10/0	05/09/00	05/10/00	05/10/00	05/09/00

METHODS: EPA 375.4, 325.3, 310, 160.1

Umesh Rao
Umesh Rao, Ph. D.

5/17/00
Date

ENVIRONMENTAL
LAB OF TEXAS, INC.
"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/Iced/HNO3/ 47 deg. F
Project #: EOT 1020R
Project Name: Darr Angel
Project Location: Lea County, N.M.

Sample Date: 05/05/00
Receiving Date: 05/05/00
Analysis Date: 05/16/00
Analysis Date: Hg 05/12/00

Analyte (mg/L)	MW 4 25565	MW 7 25566	Reporting Limit	%IA	%EA	BLANK	RPD
Aluminum	0.0740	0.6470	0.0500	98	102	<0.0500	5.29
Arsenic	ND	0.0060	0.0050	102	106	<0.0050	3.70
Barium	0.1550	0.0860	0.0100	96	95	<0.0100	2.52
Beryllium	ND	ND	0.0040	102	100	<0.0040	3.92
Cadmium	ND	ND	0.0010	94	92	<0.0010	1.98
Calcium	135.0	78.20	1.000	95	*	<1.000	0.00
Chromium	ND	ND	0.0050	98	98	<0.0050	2.52
Cobalt	ND	ND	0.0200	96	94	<0.0200	2.32
Copper	ND	ND	0.0100	96	98	<0.0100	2.82
Iron	0.0570	0.3420	0.0500	96	111	<0.0500	7.04
Lead	ND	ND	0.0030	90	96	<0.0030	4.08
Magnesium	23.50	12.10	1.000	97	*	<1.000	0.00
Manganese	ND	0.0390	0.0150	97	95	<0.0150	2.35
Mercury	ND	ND	0.00020	96	99	<0.00020	5.18
Molybdenum	ND	ND	0.050	98	96	<0.050	3.27
Nickel	ND	ND	0.0100	96	93	<0.0100	2.33
Potassium	3.680	3.120	1.000	86	*	<1.000	4.23
Selenium	ND	ND	0.0050	96	94	<0.0050	4.17
Silver	ND	ND	0.00500	98	98	<0.0050	4.00
Sodium	71.30	54.70	1.000	115	*	<1.000	0.18
Tin	ND	ND	0.0500	100	95	<0.0500	3.82
Vanadium	0.0300	0.0510	0.0200	97	97	<0.0200	2.25
Zinc	ND	ND	0.0200	96	96	<0.0200	2.06
Boron	0.204	0.158	0.050	104	106	<0.050	0.94
Strontium	0.828	0.424	0.050	102	93	<0.050	2.47

ND = Below Reporting Limit
METHOD: EPA SW846-6010B, 7470

Umesh Rao, Ph. D.

5/17/00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/HCl/ 47 deg. F
Project #: EOT 1020R
Project Name: Darr Angel
Project Location: Lea County, N.M.
Field Code: MW 4

Sampling Date: 05/05/00
Receiving Date: 05/05/00
Analysis Date: 05/12/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 25565	RPD	%EA	%DEV
Naphthalene	0.005	ND			0.4
Acenaphthylene	0.005	ND			3.9
Acenaphthene	0.005	ND	20	84	-9.8
Fluorene	0.005	ND			-9.6
Phenanthrene	0.005	ND			-2.4
Anthracene	0.005	ND			-3.6
Fluoranthene	0.005	ND			-4.9
Pyrene	0.005	ND	16	96	-9.6
Benzo[a]anthracene	0.005	ND			-6.1
Chrysene	0.005	ND			-6.8
Benzo[b]fluoranthene	0.005	ND			16.1
Benzo[k]fluoranthene	0.005	ND			-11.0
Benzo [a]pyrene	0.005	ND			0.4
Indeno[1,2,3-cd]pyrene	0.005	ND			2.8
Dibenz[a,h]anthracene	0.005	ND			2.4
Benzo[g,h,i]perylene	0.005	ND			8.9

	% RECOVERY
Nitrobenzene-d5 SURR	185*
2-Fluorobiphenyl SURR	245*
Terphenyl-d14 SURR	306*

ND= not detected at reporting limit
Method: EPA SW 846 8270C , 3510
*NOTE: Matrix Interference

Umesh Rao
Umesh Rao, Ph. D.

5/17/00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/HCl/ 47 deg. F
Project #: EOT 1020R
Project Name: Darr Angel
Project Location: Lea County, N.M.
Field Code: MW 7

Sampling Date: 05/05/00
Receiving Date: 05/05/00
Analysis Date: 05/12/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 25566	RPD	%EA	%DEV
Naphthalene	0.005	ND			0.4
Acenaphthylene	0.005	ND			3.9
Acenaphthene	0.005	ND	20	84	-9.8
Fluorene	0.005	ND			-9.6
Phenanthrene	0.005	ND			-2.4
Anthracene	0.005	ND			-3.6
Fluoranthene	0.005	ND			-4.9
Pyrene	0.005	ND	16	96	-9.6
Benzo[a]anthracene	0.005	ND			-6.1
Chrysene	0.005	ND			-6.8
Benzo[b]fluoranthene	0.005	ND			16.1
Benzo[k]fluoranthene	0.005	ND			-11.0
Benzo [a]pyrene	0.005	ND			0.4
Indeno[1,2,3-cd]pyrene	0.005	ND			2.8
Dibenz[a,h]anthracene	0.005	ND			2.4
Benzo[g,h,i]perylene	0.005	ND			8.9

	% RECOVERY
Nitrobenzene-d5 SURR	198*
2-Fluorobiphenyl SURR	135*
Terphenyl-d14 SURR	141*

ND= not detected at reporting limit
Method: EPA SW 846 8270C , 3510
*NOTE: Matrix Interference

Umesh Rao, Ph. D.

5/17/00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 133

Project Manager: JESSE TAYLOR
Phone #: (915) 664-9166
FAX #: (505) 392-3760

Company Name & Address: ETGI
P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 1020R
Project Name: DARR ANGEL

Project Location: LEA COUNTY, NM
Sampler Signature: Simon Casas

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 8021 (8260)	TPH 418.1	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 160.1	RCI	CHLORIDES 6010	ANIONS 300.0	PAH 8100 or 8270	HEAVY METALS 6010
25565	MW 4	5	40 ml	X					X	X	X			5-5	0950	X						X		X	X	X	X
25566	MW 7	↓	↓	↓					↓	↓	↓			↓	1040	↓						↓		↓	↓	↓	↓

Relinquished by:	Date:	Time:	Received by:	REMARKS
Simon Casas	5-5-00	1200		MAIL RESULTS: K. DUNCAN
Relinquished by:	Date:	Time:	Received by:	47°F
Relinquished by:	Date: 5/5/00	Time: 15:00	Received by Laboratory: Celey Keene	INVOICE EOT 1015 M

P. 6

May 17 00 08:19a

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 06/23/00
Analysis Date: 06/26/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27249	MW-10 0-2C	<10	<10	06/20/00
27250	MW-10 3-5C	<10	<10	06/20/00
27251	MW-10 8-10C	<10	<10	06/20/00
27252	MW-10 13-15C	<10	<10	06/20/00
27253	MW-10 18-20C	<10	<10	06/20/00
27254	MW-10 23-25SS	<10	<10	06/20/00
27255	MW-10 28-30SS	<10	<10	06/20/00
27256	MW-10 33-35SS	<10	<10	06/20/00
27257	MW-10 38-40SS	<10	<10	06/20/00
27258	MW-10 43-45SS	<10	<10	06/20/00
27259	MW-10 48-50SS	87	399	06/20/00
27260	MW-10 53-55SS	147	443	06/20/00
27261	MW-10 65C	<10	148	06/20/00
27262	MW-11 0-2C	<10	<10	None Given
27263	MW-11 3-5C	<10	<10	None Given
27264	MW-11 8-10C	<10	<10	None Given
27265	MW-11 13-15C	<10	<10	None Given
27266	MW-11 18-20C	<10	<10	None Given
27267	MW-11 23-25SS	<10	<10	None Given
27268	MW-11 28-30SS	<10	<10	None Given
27269	MW-11 33-35SS	<10	<10	None Given
	% IA	66	72	
	% EA	73	80	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K Tuttle

Raland K. Tuttle

6-30-00

Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 06/23/00
Analysis Date: 06/26/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27270	MW-11 38-40SS	<10	<10	06/21/00
27271	MW-11 43-45SS	<10	<10	06/21/00
27272	MW-11 48-50SS	<10	<10	06/21/00
27273	MW-11 53-55SS	<10	<10	06/21/00
27274	MW-11 58-60C	<10	<10	06/21/00
27275	MW-12 0-2C	<10	<10	06/21/00
27276	MW-12 3-5C	<10	<10	06/21/00
27277	MW-12 8-10C	<10	<10	06/21/00
27278	MW-12 13-15C	<10	<10	06/21/00
27279	MW-12 18-20C	<10	<10	06/21/00
27280	MW-12 23-25SS	<10	<10	06/21/00
27281	MW-12 28-30SS	<10	<10	06/21/00
27282	MW-12 33-35SS	<10	<10	06/21/00
27283	MW-12 38-40SS	<10	<10	06/21/00
27284	MW-12 43-45SS	<10	<10	06/21/00
27285	MW-12 48-50SS	<10	<10	06/21/00
27286	MW-12 53-55SS	<10	<10	06/21/00
27287	MW-12 58-60SS	<10	<10	06/21/00
27288	MW-13 02C	<10	<10	06/22/00
27289	MW-13 3-5C	<10	<10	06/22/00
	% IA	85	97	
	% EA	82	94	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

6-30-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 06/22/00
Receiving Date: 06/23/00
Analysis Date: 06/26/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27290	MW-13 8-10C	<10	<10
27291	MW-13 13-15C	<10	<10
27292	MW-13 18-20C	<10	<10
27293	MW-13 23-25SS	<10	<10
27294	MW-13 28-30SS	<10	<10
27295	MW-13 33-35SS	<10	<10
27296	MW-13 38-40SS	<10	<10
27297	MW-13 43-45SS	<10	<10
27298	MW-13 48-50SS	<10	<10
27299	MW-13 53-55SS	<10	331
27300	MW-13 58-60	<10	125
27301	MW-14 0-2C	<10	<10
27302	MW-14 3-5C	<10	<10
27303	MW-14 8-10C	<10	<10
27304	MW-14 13-15C	<10	<10
27305	MW-14 18-20C	<10	<10
27306	MW-14 23-25SS	<10	<10
27307	MW-14 28-30SS	<10	<10
27308	MW-14 33-35SS	<10	<10
27309	MW-14 38-40SS	<10	<10
27310	MW-14 43-45SS	<10	<10
27311	MW-14 48-50SS	24	735
	% IA	81	93
	% EA	88	96
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

6-30-00
Date

ENVIRONMENTAL LAB OF , INC.

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HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 06/22/00
Receiving Date: 06/23/00
Analysis Date: 06/26/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27312	MW-14 53-55SS	385	3170
27313	MW-14 58-60SS	<10	191
27314	MW-15 0-2C	<10	27
27315	MW-15 3-5C	<10	<10
27316	MW-15 8-10C	<10	10
27317	MW-15 13-15C	<10	<10
27318	MW-15 18-20C	<10	<10
27319	MW-15 23-25C	<10	<10
27320	MW-15 28-30C	<10	<10
27321	MW-15 33-35SS	<10	<10
27322	MW-15 38-40SS	<10	<10
27323	MW-15 43-45SS	<10	<10
27324	MW-15 48-50SS	<10	<10
27325	MW-15 53-55SS	<10	<10
27326	MW-15 58-60SS	<10	<10
27327	MW-16 0-2C	<10	<10
27328	MW-16 3-5C	<10	<10
27329	MW-16 8-10C	<10	<10
27330	MW-16 13-15C	<10	<10
27331	MW-16 18-20C	<10	<10
	% IA	63	74
	% EA	73	120
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

6-30-00
Date

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HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 06/23/00
Analysis Date: 06/26/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27332	MW-16 23-25C	<10	<10	06/22/00
27333	MW-16 28-30SS	<10	<10	06/22/00
27334	MW-16 33-35SS	<10	<10	06/22/00
27335	MW-16 38-40SS	<10	<10	06/22/00
27336	MW-16 43-45SS	<10	<10	06/22/00
27337	MW-16 48-50SS	<10	<10	06/22/00
27338	MW-16 53-55SS	<10	<10	06/22/00
27339	MW-16 58-60SS	<10	<10	06/22/00
27340	SB-1 0-2C	<10	<10	06/20/00
27341	SB-1 3-5C	<10	<10	06/20/00
27342	SB-1 8-10C	<10	<10	06/20/00
27343	SB-1 13-15C	<10	<10	06/20/00
27344	SB-2 0-2C	<10	11	06/20/00
27345	SB-2 3-5C	<10	<10	06/20/00
27346	SB-2 8-10C	<10	<10	06/20/00
27347	SB-2 13-15C	<10	<10	06/20/00
27348	SB-3 0-2C	<10	<10	06/20/00
27349	SB-3 3-5C	<10	<10	06/20/00
27350	SB-3 8-10C	<10	<10	06/20/00
27351	SB-3 13-15C	<10	<10	06/20/00
	% IA	69	76	
	% EA	86	96	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

6-30-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC# 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

ANALYSIS REQUEST

1 of 9

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

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 8015 DRO/ERO	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	NCI
27249	MW-10 0-2C	1	4oz	X							X			6/20 2000	0915		X						
27250	MW-10 3-5C														0953								
27251	MW-10 8-10C														0957								
27252	MW-10 13-15C														0959								
27253	MW-10 18-20C														1001								
27254	MW-10 23-25SS														1015								
27255	MW-10 28-30 SS														1030								
27256	MW-10 33-35SS														1047								
27257	MW-10 38-40 SS														1103								
27258	MW-10 43-45 SS														1119								
27259	MW-10 48-50SS														1137	X							

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jun 00	1432	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

FR: (505) 397-4701
ATTN: KD
30°F

INVOICE: EOTT

p.7

Jun 30 00 05:01p

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

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 8(12)(5030)	TPH ~~418.1~~ 8015 DRO/GRO	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
27260	MW-10 53-55SS	1	4oz		X						X			6/26	1202		X						
~~27261~~	MW-10 58-60C														1222		NO SAMPLE						
27261	MW-10 65C														1309		X						
27262	MW-11 0-2C														0952								
27263	MW-11 3-5 C														1003								
27264	MW-11 8-10 C														1010								
27265	MW-11 13-15C														1620								
27266	MW-11 18-20 C														1030								
27267	MW-11 23-25 SS														1040								
27268	MW-11 28-30 SS														1050								
27269	MW-11 33-35 SS														1100								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jun 00	1432	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

FR: (505) 397-4701
ATTN: KD

30 DF

INVOICE: EOTT

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC# 168

ANALYSIS REQUEST

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE 2000	TIME	BTEX 8021/5030	TPH 8015 DRO/GRO	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
27270	MW-11 38-40 SS	1	4oz		X						X			6/21	1111		X						
27271	MW-11 43-45 SS														1130								
27272	MW-11 48-50 SS														1222								
27273	MW-11 53-55 SS														1241								
27274	MW-11 58-60 C														1300								
27275	MW-12 0-2 C														1445								
27276	MW-12 3-5 C														1457								
27277	MW-12 8-10 C														1459								
27278	MW-12 13-15 C														1501								
27279	MW-12 18-20 C														1503								
27280	MW-12 23-25 SS														1510								

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Ken Dutton	23 Jun 00	1432	[signature]
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REMARKS

FR: (505) 397-4701
KD

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INVOICE: EOTT

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

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 (2000)	TIME	BTEX 8021B/5030	TPH 8015 DRO/GRO	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
27281	MW-12 28-30SS	1	4oz		X						X			6/21	1625		X						
27282	MW-12 33-35SS														1545								
27283	MW-12 38-40SS														1600								
27284	MW-12 43-45SS														1625								
27285	MW-12 48-50SS														1655								
27286	MW-12 53-55SS														1728								
27287	MW-12 58-60SS														1810								
27288	MW-13 0-2C													6/22	0821								
27289	MW-13 3-5C														0825								
27290	MW-13 8-10C														0831								
27291	MW-13 13-15C														0842								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jun 00	1432	[signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: FR: (505) 397-4701

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CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

Project Manager: J. TAYLOR
Phone #: (505) 397-4882
FAX #: (505) 397-4701

ANALYSIS REQUEST

4 of 9

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C
Project Name: DARR ANGELL #1

Project Location: LEA CTY NM
Sampler Signature: Ken Dutton

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 8021/5030	TPH 418.1 8015 DRO/GRO	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	TOS	RCI
27292	MW-13 18-20C	1	4oz		X						X			6/22	0851		X						
27293	MW-13 23-25SS														0905								
27294	MW-13 28-30 SS														0921								
27295	MW-13 33-35 SS														0943								
27296	MW-13 38-40 SS														1002								
27297	MW-13 43-45 SS														1019								
27298	MW-13 48-50 SS														1038								
27299	MW-13 53-55SS														1101	X							
27300	MW-13 58-60														1120								
27301	MW-14 0-2C														1140								
27302	MW-14 3-5C														1142								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jun 00	1432	
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REMARKS
FAX: (505) 397-4701

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INVOICE: EOTT

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Jun 30 00 05:02p

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763

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

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC# 168

5 of 9

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

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 (2000)	TIME	BTEX 8021/5030	TPH 8015 GRO/DRO	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
27303	MW-14 8-10C	1	4oz		X						X			6/22	1147		X						
27304	MW-14 13-15C	↓	↓		↓						↓			↓	1153		↓						
27305	MW-14 18-20C	↓	↓		↓						↓			↓	1157		↓						
27306	MW-14 23-25SS	↓	↓		↓						↓			↓	1205		↓						
27307	MW-14 28-30SS	↓	↓		↓						↓			↓	1215		↓						
27308	MW-14 33-35SS	↓	↓		↓						↓			↓	1225		↓						
27309	MW-14 38-40SS	↓	↓		↓						↓			↓	1236		↓						
27310	MW-14 43-45SS	↓	↓		↓						↓			↓	1248		↓						
27311	MW-14 48-50SS	↓	↓		↓						↓			↓	1257	X	↓						
27312	MW-14 53-55SS	↓	↓		↓						↓			↓	1308	X	↓						
27313	MW-14 58-60SS	↓	↓		↓						↓			↓	1317		↓						

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Ken Dutton	23 Jan 00	2432	[signature]
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REMARKS: FR: (505) 397-4701

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Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

ANALYSIS REQUEST

4 of 9

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ben Dutton

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 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	TOS	RCI
27314	MW-15 0-2C	1	4oz		X						X			6/22	1330		X						
27315	MW-15 3-5C														1332								
27316	MW-15 8-10C														1336								
27317	MW-15 13-15C														1340								
27318	MW-15 18-20C														1343								
27319	MW-15 23-25C														1346								
27320	MW-15 28-30C														1349								
27321	MW-15 33-35SS														1355								
27322	MW-15 38-40 SS														1408								
27323	MW-15 43-45 SS														1420								
27324	MW-15 48-50SS														1430								

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REMARKS

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CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

7 of 9

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

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Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

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 8021/5030	TPH 418.1 8015 Mod/GRO	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
27325	MW-15 53-55SS	1	402		X						X			6/22 2000	1437		X						
27326	MW-15 58-60SS														1449								
27327	MW-16 0-2C														1510								
27328	MW-16 3-5C														1513								
27329	MW-16 8-10C														1516								
27330	MW-16 13-15C														1519								
27331	MW-16 18-20C														1525								
27332	MW-16 23-25C														1529								
27333	MW-16 28-30SS														1544								
27334	MW-16 33-35SS														1550								
27335	MW-16 38-40SS														1510								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jan 00	1432	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

FAX: (505) 397-4701

ATTN: KD

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Environmental Lab of Texas, Inc.

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CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Ken Dutton

ANALYSIS REQUEST

8 of 9

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~~ 8015 Mod.	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
27336	MW-16 43-45S	1	4oz	X							X			6/22	1622		X						
27337	MW-16 48-50S														1636								
27338	MW-16 53-55S														1651								
27339	MW-16 58-60S														1710								
27340	SB-1 0-2C													6/20	1422								
27341	SB-1 3-5C														1425								
27342	SB-1 8-10C														1433								
27343	SB-1 13-15C														1436								
27344	SB-2 0-2C														1453								
27345	SB-2 3-5C														1455								
27346	SB-2 8-10C														1458								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	23 Jun 00	1432	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

FR: (505) 397-4701
ATTN KD

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CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

CoC # 168

Project Manager: J. TAYLOR

Phone #: (505) 397-4882
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Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA CTY NM

Sampler Signature: Jen Dutton

ANALYSIS REQUEST

9 of 9

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~~ 8015 Mod/ED	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
27347	SB-2 13-15C	1	4oz		X	X					X			6/20	1500		X						
27348	SB-3 0-2C														1345								
27349	SB-3 3-5C														1400								
27350	SB-3 8-10C														1415								
27351	SB-3 13-15C														1430								

Relinquished by:	Date:	Times:	Received by:
Jen Dutton	23 Jun 00	1432	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS

13.0°C

Jun 30 00 05:05p

p.16

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 07/03/00
Receiving Date: 07/07/00
Analysis Date: 07/10/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27794	MW-18SS 23-25'	<10	<10
27795	MW-18SS 28-30'	<10	<10
27796	MW-18C 33-35'	<10	<10
27797	MW-18SS 38-40'	<10	<10
27798	MW-18SS 43-45'	<10	<10
	% IA	93	113
	% EA	90	97
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 07/03/00
Receiving Date: 07/07/00
Analysis Date: 07/09/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27776	MW-17C 4-2'	<10	22
27777	MW-17C 3-5'	<10	<10
27778	MW-17C 8-10'	<10	<10
27779	MW-17C 13-15'	<10	<10
27780	MW-17C 18-20'	<10	<10
27781	MW-17SS 23-25'	<10	<10
27782	MW-17C 28-30'	<10	<10
27783	MW-17C 33-35'	<10	<10
27784	MW-17C 38-40'	<10	<10
27785	MW-17SS 43-45'	<20	<20
27786	MW-17SS 48-50'	<20	<20
27787	MW-17SS 53-55'	<10	<10
27788	MW-17SS 58-60'	<10	<10
27789	MW-18C 0-2'	<10	<10
27790	MW-18C 3-5'	<10	<10
27791	MW-18C 8-10'	<10	<10
27792	MW-18C 13-15'	<10	<10
27793	MW-18C 18-20'	<10	<10
	% IA	93	113
	% EA	79	94
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 07/07/00
Analysis Date: 07/11/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27799	MW-18SS 48-50'	<10	<10	07/03/00
27800	MW-18C 53-55'	<10	<10	07/03/00
27801	MW-18C 58-60'	<10	<10	07/03/00
27802	MW-19C 0-2'	<10	<10	07/05/00
27803	MW-19C 3-5'	<10	<10	07/05/00
27804	MW-19C 8-10'	<10	<10	07/05/00
27805	MW-19C 13-15'	<10	<10	07/05/00
27806	MW-19C 18-20'	<10	<10	07/05/00
27807	MW-19SS 23-25'	<10	<10	07/05/00
27808	MW-19SS 28-30'	<10	<10	07/05/00
27809	MW19SS 33-35'	<10	<10	07/05/00
27810	MW-19SS 38-40'	<10	<10	07/05/00
27811	MW-19SS 43-45'	<10	<10	07/05/00
27812	MW-19SS 48-50'	<10	<10	07/05/00
27813	MW-19SS 53-55'	<10	<10	07/05/00
27814	MW-19SS 58-60'	<10	<10	07/05/00
27815	MW-20C 0-2'	<10	<10	07/05/00
	% IA	93	113	
	% EA	90	97	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 07/07/00
Analysis Date: 07/11/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27816	MW-20C 3-5'	<10	<10	07/05/00
27817	MW-20C 8-10'	<10	<10	07/05/00
27818	MW-20C 13-15'	<10	<10	07/05/00
27819	MW-20C 18-20'	<10	<10	07/05/00
27820	MW-20SS 23-25'	<10	<10	07/05/00
27821	MW-20C 28-30'	<10	<10	07/05/00
27822	MW-20SS 33-35'	<10	<10	07/05/00
27823	MW-20SS 38-40'	<10	<10	07/05/00
27824	MW-20SS 43-45'	<10	<10	07/05/00
27825	MW-70SS 48-50'	<10	<10	07/05/00
27826	MW-20SS 53-55'	<10	<10	07/05/00
27827	MW-20SS 58-60'	<10	<10	07/05/00
27828	RW-1C 0-2'	<10	<10	07/06/00
27829	RW-1C 3-5'	<10	<10	07/06/00
27830	RW-1C 8-10'	<10	<10	07/06/00
27831	RW-1C 13-15'	<10	<10	07/06/00
27832	RW-1C 18-20'	<10	<10	07/06/00
27833	RW-1SS 23-25'	<10	<10	07/06/00
27834	RW-1C 28-30'	<10	<10	07/06/00
	% IA	99	106	
	% EA	87	95	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 07/06/00
Receiving Date: 07/07/00
Analysis Date: 07/11/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27835	RW-1C 33-35'	<10	<10
27836	RW-1SS 38-40'	260	729
27837	RW-1SS 43-45'	491	926
27838	RW-1SS 48-50'	61	1116
27839	RW-1SS 53-55'	1545	10090
27840	RW-1SS 58-60'	78	1921
	% IA	87	106
	% EA	96	103
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88242
FAX: 915-520-4310
FAX: 505-397-4701

SampleType: Soil
Sample Condition: Intact/ Iced/ 26 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sampling Date: 07/06/00
Receiving Date: 07/07/00
Analysis Date: 07/11/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
27839	RW-1SS 53-55'	<0.100	3.31	3.25	13.1	5.36
% IA		96	92	95	103	96
% EA		87	87	88	98	86
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

7-13-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI
2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA COUNTY NM

Sampler Signature:

ANALYSIS REQUEST

1 of 7

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~~ 8015 DRO/GRO	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
27776	MW-17C - 0-2	1	402		X						X			7/3	0901		X						
27777	MW-17C 3-5'														0910								
27778	MW-17C 8-10'														0913								
27779	MW-17C 13-15'														0916								

Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	7/7/00	1065	
Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	7-7-00	2:20	D McMurrey
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F Called Sesse on 7/7/00 and all samples are 8015 Dro Rige 5 is not TCLP metals. COK

F.R. HOBBS OFFICE

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Project Manager: JESSE TAYLOR
Phone #: (505) 397-4882
FAX #: (505) 397-4701

ANALYSIS REQUEST

2 of 7

Company Name & Address: ETGI
2540 W. MARLAND HOBBS NM 88242

Project #: E07 2055C
Project Name: DARR ANGEL #1

Project Location: LEA COUNTY NM
Sampler Signature: Ken Dutton

LAB # (LAB USE ONLY)	FIELD CODE		# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE (2000)	TIME	BTEX 8021B/5030	TPH 8015 DRO/GRO	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
27780	MW-17C	18-20	1	4oz		X						X			7/3	0920		X						
27781	MW-17SS	23-25'														0930								
27782	MW-17C	28-30														0941								
27783	MW-17C	33-35														0953								
27784	MW-17C	38-40														1026								
27785	MW-17SS	43-45'														1047								
27786	MW-17SS	48-50'														1105								
27787	MW-17SS	53-55'														1121								
27788	MW-17SS	58-60'														1137								
27789	MW-18C	0-2'														1250								
27790	MW-18C	3-5'														1253								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	7/7/00	1005	
Relinquished by:	Date:	Time:	Received by:
	7-7-00	2:20	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F
F. R. HOBBS OFFICE

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Page 3 of 7

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGEL # 1

Project Location: LEA COUNTY NM

Sampler Signature: Jesse Taylor

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 8021/5030	TPH 418.1 / 8015 DRO/GRO	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
27791	MW-18C 8-10'	1	402		X						X			7/3	1257		X						
27792	MW-18C 13-15'														1301								
27793	MW-18C 18-20'														1305								
27794	MW-1855 23-25'														1312								
27795	MW-1855 28-30'														1327								
27796	MW-18C 33-35														1332								
27797	MW-1855 38-40'														1344								
27798	MW-1855 43-45'														1359								
27799	MW-1855 48-50'														1416								
27800	MW-18C 53-55'														1427								
27801	MW-18C 58-60'														1448								

Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	7/7/00	1005	
Relinquished by:	Date:	Time:	Received by:
Tracy Peters	7-7-00	2:20	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F

F.R. HOBBS OFFICE

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGEL #1

Project Location: LEA COUNTY NM

Sampler Signature:

ANALYSIS REQUEST

4 of 7

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 8015 DRO/GRO	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
27802	MW 19C 0'-2'	1	40z		X						X			7-5	0905		X						
27803	MW 19C 3'-5'														0915								
27804	MW 19C 8'-10'														0925								
27805	MW 19C 13'-15'														0935								
27806	MW 19C 18-20'														0945								
27807	MW 19SS 23'-25'														1000								
27808	MW 19SS 28'-30'														1015								
27809	MW 19SS 33'-35'														1035								
27810	MW 19SS 38'-40'														1050								
27811	MW 19SS 43'-45'														1109								
27812	MW 19SS 48'-50'														1130								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	7/7/00	1005	
Relinquished by:	Date:	Time:	Received by:
	7-7-00	2:20	McMurrey
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F

F.R. HOBBS OFFICE

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

ANALYSIS REQUEST

5 of 7

Company Name & Address: ETGI
2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGEL #1

Project Location: LEA COUNTY NM

Sampler Signature: Lomas Casas

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 8015 DRO/GRO	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
27813	MW 1955 53-55'	1	40Z		X						X			7-5	1150		X	X					
27814	MW 1951 58-60'	1	40Z		X						X			7-5	1215			X					
27815	MW 20C 0-2'														1300								
27816	MW 20C 3-5'														1308								
27817	MW 20C 8-10'														1311								
27818	MW 20C 13-15'														1315								
27819	MW 20C 18-20'														1320								
27820	MW 2055 23-25'														1330								
27821	MW 20C 28-30														1335								
27822	MW 2055 33-35														1345								
27823	MW 2055 38-40														1400								

Relinquished by:	Date:	Time:	Received by:
Jesse Dutton	7/7/00	1005	
Troy Fetten	7-7-00	2:20	

REMARKS: Rec 26°F Run 8015 not TCLP Meta COK.

F.E. HOBBS OFFICE

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 181

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

ANALYSIS REQUEST

6 of 7

Company Name & Address: ETGI
2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGEL #1

Project Location: LEA COUNTY NM

Sampler Signature:

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 8015 DRO/GRO	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
27824	MW 20SS 43-45'	1	4oz		X						X			7/5	1415		X						
27825	MW 20SS 48-50'														1430								
27826	MW 20SS 53-55'														1450								
27827	MW 20SS 58-60'														1570								
27828	RW-1C 0-2'													7/6	0825								
27829	RW-1C 3-5'														0830								
27830	RW-1C 8-10'														0838								
27831	RW-1C 13-15'														0845								
27832	RW-1C 18-20'														0900								
27833	RW-1SS 23-25'														0910								
27834	RW-1C 28-30'														0925								

Relinquished by:	Date:	Time:	Received by:
	7/7/00	1005	
Relinquished by:	Date:	Time:	Received by:
	7-7-00	2:20	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F
F.R. HOBBS OFFICE

INVOICE: EOTT 1015M

Jul 13 00 09:30a

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC

Page 7 of 7

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 W. MARLAND HOBBS NM 88242

Project #: EOT2055C

Project Name: DARR ANGEL #1

Project Location: LEA COUNTY NM

Sampler Signature:

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 8015 Mod DRO/GRO	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
27835	RW-1C 33-35'	1	4oz	X							X			7/6	0930		X						
27836	RW-1SS 38-40'														0941								
27837	RW-1SS 43-45'														0955								
27838	RW-1SS 48-50'														1300								
27839	RW-1SS 53-55'														1405	X							
27840	RW-1SS 58-60'														1430								

Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	7/7/00	1005	
Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	7-7-00	2:20	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Rec 26°F

F.E. HOBBS OFFICE

INVOICE: EOTT 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, NM 88242
FAX: 505-397-4701

SampleType: Soil
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: DARR ANGELL #1
Project Location: Lea County, NM

Sampling Date: 07/07/00
Receiving Date: 07/10/00
Analysis Date: 07/11/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
27982	RW 2 53-55'	<0.100	2.23	2.04	7.14	2.97
27983	RW 2 58-60'	<0.100	0.127	<0.100	0.637	0.259
	% IA	96	92	95	103	96
	% EA	87	87	88	98	86
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

7-18-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88242
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: DARR ANGELL #1
Project Location: Lea County, N.M.

Sampling Date: 07/07/00
Receiving Date: 07/10/00
Analysis Date: 07/14/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27971	RW 2 0-2'	<10	<10
27972	RW 2 3-5'	<10	<10
27973	RW 2 8-10'	<10	<10
27974	RW 2 13-15'	<10	<10
27975	RW 2 18-20'	<10	<10
27976	RW 2 23-25'	<10	<10
27977	RW 2 28-30'	<10	<10
27978	RW 2 33-35'	<10	<10
27979	RW 2 38-40'	13	333
27980	RW 2 40-45'	14	672
27981	RW 2 48-50'	18	728
27982	RW 2 53-55'	1282	11057
27983	RW 2 58-60'	196	5594
	% IA	85	105
	% EA	91	111
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-18-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 183

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

Company Name & Address: ETGI
2540 W MARLAND, HOBBS NM 88242

Project #: EOT 2055C

Project Name: WARE ANGELL #1

Project Location: LEA COUNTY, NM

Sampler Signature: Simon Casas

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 (2000)	SAMPLING: TIME	BTEX 8021B	TPH 8015 DRO/GRO	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
27971	RW 2 0'-2'	1	4oz		X						X			7-7	0905								
27972	RW 2 3'-5'														0915								
27973	RW 2 8'-10'														0925								
27974	RW 2 13'-15'														0930								
27975	RW 2 18'-20'														0935								
27976	RW 2 23'-25'														0950								
27977	RW 2 28'-30'														1000								
27978	RW 2 33'-35'														1020								
27979	RW 2 38'-40'														1045								
27980	RW 2 40'-45'														1115								
27981	RW 2 48'-50'														1150								

Relinquished by:	Date:	Time:	Received by:
Simon Casas	7-10-00	0800	Troy Peterson
Troy Peterson	7/10/00	1210	[illegible]
			Received by Laboratory:

REMARKS
FAX RESULTS: HOBBS OFFICE
27°F
INVOICE: EOTT 1015M

2 of 2

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 183

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882
FAX #: (505) 397-4701

Company Name & Address: E.T.G.I.
2540 W. MARLAND, HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA COUNTY NM

Sampler Signature: Simon Casas

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE (2000)	TIME	ANALYSIS REQUEST: BTEX 8021/5030	TPH 8015 DRO/GRO	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
27782	RW 2 53-55'	1	4oz		X						X			7-7	1230	↓	↓						
27983	RW 2 58-60'	1	4oz		X						X			7-7	1345	↓	↓						

Relinquished by:	Date:	Time:	Received by:
Simon Casas	7-10-00	0800	Tracey Peterson
Tracey Peterson	7/10/00	1210	Rula [illegible]
			Received by Laboratory:

REMARKS: 27°

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea Co., N.M.

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: See Below

ELT#	FIELD CODE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
27474	MW 10	87.8	186	<5	286	864
27475	MW 11	70.5	115	<5	386	806
27476	MW 12	88.0	53	<5	278	524
27477	MW 13	113	44	<5	357	602
27478	MW 15	100	44	<5	185	414
27479	MW 16	104	44	<5	177	436
	QUALITY CONTROL	47.6	5229	*	*	*
	TRUE VALUE	50.0	5000	*	*	*
	% PRECISION	95	104	*	*	*
	ANALYSIS DATE	07/11/00	7/6/00	07/10/00	07/10/00	07/03/0

METHODS: EPA 375.4, 325.3, 310, 160.1

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.
Field Code: MW 10

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/01/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 27474	RPD	%EA	%DEV
Naphthalene	0.005	0.024			-1.7
Acenaphthylene	0.005	ND			0.4
Acenaphthene	0.005	ND	0	89	-6.3
Fluorene	0.005	ND			-1.6
Phenanthrene	0.005	ND			-3.0
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.2
Pyrene	0.005	ND	4	80	-1.2
Benzo[a]anthracene	0.005	ND			-0.4
Chrysene	0.005	ND			2.1
Benzo[b]fluoranthene	0.005	ND			-9.9
Benzo[k]fluoranthene	0.005	ND			12.4
Benzo [a]pyrene	0.005	ND			0.1
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.2
Dibenz[a,h]anthracene	0.005	ND			-2.8
Benzo[g,h,i]perylene	0.005	ND			4.4

	% RECOVERY
Nitrobenzene-d5 SURR	76
2-Fluorobiphenyl SURR	60
p-Terphenyl-d14 SURR	69

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

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-397-4701

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 27 deg. F
Project #: EOT 2055C
Project Name: DARR ANGELL #1
Project Location: Lea Co., N.M.

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/12/00

ELT#	FIELD CODE	BENZENE mg/l	TOLUENE mg/l	ETHYLBENZENE mg/l	m,p-XYLENE mg/l	o-XYLENE mg/l
27474	MW-10	1.52	0.787	0.303	0.711	0.262
27475	MW-11	0.007	0.006	0.003	0.007	0.003
27476	MW-12	1.36	<0.050	<0.050	0.151	<0.050
27477	MW-13	2.73	0.186	0.115	0.338	0.076
27478	MW-15	0.011	0.003	0.001	0.004	0.001
27479	MW-16	0.008	0.004	0.001	0.003	0.001
% IA		88	92	87	108	94
% EA		89	88	88	96	89
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.
Field Code: MW 11

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/01/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 27475	RPD	%EA	%DEV
Naphthalene	0.005	ND			-1.7
Acenaphthylene	0.005	ND			0.4
Acenaphthene	0.005	ND	0	89	-6.3
Fluorene	0.005	ND			-1.6
Phenanthrene	0.005	ND			-3.0
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.2
Pyrene	0.005	ND	4	80	-1.2
Benzo[a]anthracene	0.005	ND			-0.4
Chrysene	0.005	ND			2.1
Benzo[b]fluoranthene	0.005	ND			-9.9
Benzo[k]fluoranthene	0.005	ND			12.4
Benzo [a]pyrene	0.005	ND			0.1
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.2
Dibenz[a,h]anthracene	0.005	ND			-2.8
Benzo[g,h,i]perylene	0.005	ND			4.4

	% RECOVERY
Nitrobenzene-d5 SURR	76
2-Fluorobiphenyl SURR	60
p-Terphenyl-d14 SURR	69

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

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.
Field Code: MW 12

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/01/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 27476	RPD	%EA	%DEV
Naphthalene	0.005	ND			-1.7
Acenaphthylene	0.005	ND			0.4
Acenaphthene	0.005	ND	0	89	-6.3
Fluorene	0.005	ND			-1.6
Phenanthrene	0.005	ND			-3.0
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.2
Pyrene	0.005	ND	4	80	-1.2
Benzo[a]anthracene	0.005	ND			-0.4
Chrysene	0.005	ND			2.1
Benzo[b]fluoranthene	0.005	ND			-9.9
Benzo[k]fluoranthene	0.005	ND			12.4
Benzo [a]pyrene	0.005	ND			0.1
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.2
Dibenz[a,h]anthracene	0.005	ND			-2.8
Benzo[g,h,i]perylene	0.005	ND			4.4

	% RECOVERY
Nitrobenzene-d5 SURR	76
2-Fluorobiphenyl SURR	60
p-Terphenyl-d14 SURR	69

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

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.
Field Code: MW 15

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/01/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 27478	RPD	%EA	%DEV
Naphthalene	0.005	ND			-1.7
Acenaphthylene	0.005	ND			0.4
Acenaphthene	0.005	ND	0	89	-6.3
Fluorene	0.005	ND			-1.6
Phenanthrene	0.005	ND			-3.0
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.2
Pyrene	0.005	ND	4	80	-1.2
Benzo[a]anthracene	0.005	ND			-0.4
Chrysene	0.005	ND			2.1
Benzo[b]fluoranthene	0.005	ND			-9.9
Benzo[k]fluoranthene	0.005	ND			12.4
Benzo [a]pyrene	0.005	ND			0.1
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.2
Dibenz[a,h]anthracene	0.005	ND			-2.8
Benzo[g,h,i]perylene	0.005	ND			4.4

	% RECOVERY
Nitrobenzene-d5 SURR	58
2-Fluorobiphenyl SURR	63
p-Terphenyl-d14 SURR	89

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

Raland K Tuttle
Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.
Field Code: MW 16

Sampling Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/01/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 27479	RPD	%EA	%DEV
Naphthalene	0.005	ND			-1.7
Acenaphthylene	0.005	ND			0.4
Acenaphthene	0.005	ND	0	89	-6.3
Fluorene	0.005	ND			-1.6
Phenanthrene	0.005	ND			-3.0
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.2
Pyrene	0.005	ND	4	80	-1.2
Benzo[a]anthracene	0.005	ND			-0.4
Chrysene	0.005	ND			2.1
Benzo[b]fluoranthene	0.005	ND			-9.9
Benzo[k]fluoranthene	0.005	ND			12.4
Benzo [a]pyrene	0.005	ND			0.1
Indeno[1,2,3-cd]pyrene	0.005	ND			-1.2
Dibenz[a,h]anthracene	0.005	ND			-2.8
Benzo[g,h,i]perylene	0.005	ND			4.4

	% RECOVERY
Nitrobenzene-d5 SURR	58
2-Fluorobiphenyl SURR	63
p-Terphenyl-d14 SURR	89

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

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/Iced/HNO3/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sample Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/10/00
Analysis Date: Hg 07/14/00

Analyte (mg/L)	MW 10 27474	MW 11 27475	MW 12 27476	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	1.08	1.44	0.0980	0.0500	98	103	<0.0500	1.86
Arsenic	0.0080	0.0080	ND	0.0050	112	124#	<0.0050	0.00
Barium	0.2230	0.2280	0.1360	0.0100	100	103	<0.0100	1.41
Beryllium	ND	ND	ND	0.0040	104	106	<0.0040	0.00
Cadmium	0.0060	ND	ND	0.0010	100	102	<0.0010	1.98
Calcium	ND	451.0	244.0	1.000	96	N/A	<1.000	0.79
Chromium	0.0100	0.0100	ND	0.0050	100	102	<0.0050	0.99
Cobalt	ND	ND	ND	0.0200	100	103	<0.0200	0.98
Copper	ND	ND	ND	0.0100	103	112	<0.0100	1.44
Iron	0.9900	0.2500	ND	0.0500	92	97	<0.0500	2.25
Lead	ND	ND	ND	0.0030	98	100	<0.0030	0.00
Magnesium	33.30	27.20	19.50	1.000	99	N/A	<1.000	0.92
Manganese	0.2030	0.2330	0.0930	0.0150	99	101	<0.0150	1.19
Mercury	ND	ND	ND	0.002	95	104	<0.002	0.00
Molybdenum	ND	ND	ND	0.050	99	104	<0.050	0.88
Nickel	0.0460	0.0340	0.0190	0.0100	102	104	<0.0100	0.93
Potassium	6.010	8.770	5.600	1.000	85	N/A	<1.000	1.06
Selenium	ND	ND	ND	0.0050	114	116	<0.0050	0.00
Silver	ND	ND	ND	0.00500	92	92	<0.0050	0.00
Sodium	73.50	161.0	76.50	1.000	106	N/A	<1.000	0.86
Tin	ND	ND	ND	0.0500	103	109	<0.0500	2.71
Vanadium	0.0330	ND	ND	0.0200	98	104	<0.0200	1.17
Zinc	0.0830	0.0450	ND	0.0200	109	109	<0.0200	0.00
Boron	0.231	0.178	0.239	0.050	111	110	<0.050	1.28
Strontium	1.05	0.920	0.659	0.050	100	92	<0.050	0.93

ND = Below Reporting Limit
METHOD: EPA SW846-6010B, 7470

Raland K. Tuttle

7-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/Iced/HNO3/ 27 deg. F
Project #: EOT 2055C
Project Name: Darr Angel #1
Project Location: Lea County, N.M.

Sample Date: 06/27/00
Receiving Date: 06/28/00
Analysis Date: 07/10/00
Analysis Date: Hg 07/14/00

Analyte (mg/L)	MW 13 27477	MW 15 27478	MW 16 27479	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	0.228	0.0650	0.705	0.0500	98	103	<0.0500	1.86
Arsenic	0.0100	0.0090	ND	0.0050	112	124#	<0.0050	0.00
Barium	0.1830	0.1050	0.1600	0.0100	100	103	<0.0100	1.41
Beryllium	ND	ND	ND	0.0040	104	106	<0.0040	0.00
Cadmium	ND	ND	ND	0.0010	100	102	<0.0010	1.98
Calcium	362.0	143.0	420.0	1.000	96	N/A	<1.000	0.79
Chromium	ND	ND	0.0060	0.0050	100	102	<0.0050	0.99
Cobalt	ND	ND	ND	0.0200	100	103	<0.0200	0.98
Copper	ND	ND	ND	0.0100	103	112	<0.0100	1.44
Iron	ND	ND	0.0810	0.0500	92	97	<0.0500	2.25
Lead	ND	ND	ND	0.0030	98	100	<0.0030	0.00
Magnesium	23.0	16.50	17.10	1.000	99	N/A	<1.000	0.92
Manganese	0.1710	0.0270	0.1110	0.0150	99	101	<0.0150	1.19
Mercury	ND	ND	ND	0.002	95	104	<0.002	0.00
Molybdenum	ND	ND	ND	0.050	99	104	<0.050	0.88
Nickel	0.0100	ND	0.0550	0.0100	102	104	<0.0100	0.93
Potassium	5.270	4.460	4.750	1.000	85	N/A	<1.000	1.06
Selenium	ND	ND	ND	0.0050	114	116	<0.0050	0.00
Silver	ND	ND	ND	0.00500	92	92	<0.0050	0.00
Sodium	69.60	50.40	58.70	1.000	106	N/A	<1.000	0.86
Tin	ND	ND	ND	0.0500	103	109	<0.0500	2.71
Vanadium	0.0250	0.0360	ND	0.0200	98	104	<0.0200	1.17
Zinc	ND	ND	ND	0.0200	109	109	<0.0200	0.00
Boron	0.221	0.154	0.159	0.050	111	110	<0.050	1.28
Strontium	0.858	0.626	0.630	0.050	100	92	<0.050	0.93

ND = Below Reporting Limit
METHOD: EPA SW846-6010B, 7470

Raland K. Tuttle

7-12-00
Date

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

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 170

Project Manager: Jesse Taylor

Phone #: (505) 39~~7~~ 4882

FAX #: (505) 397-4701

Company Name & Address: ET&I 2540 W Marland Hobbs NM

Project #: EOT 2055C

Project Name: Darr Angell #1

Project Location: Lea County NM

Sampler Signature: Simon Casas

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE 2000	TIME	BTEX 8021/[illegible]	TPH 418.1	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 160.1	RCI	PAH 8100	Cations 6010	Anions 300.0	Heavy Metals 6010
27474	MW 10	5	V.5 L	X					X	X	X			6-27	0945	X						X		X	X	X	X
27475	MW 11														1023												
27476	MW 12														1050												
27477	MW 13														1118												
	[illegible]																										
27478	MW 15														1150												
27479	MW 16	↓	↓	↓					↓	↓	↓			↓	1215	↓						↓		↓	↓	↓	↓

Relinquished by:	Date:	Time:	Received by:
Simon Casas	6-28-00	0900	Tracy Peterson
Relinquished by:	Date:	Time:	Received by:
Tracy Peterson	06-28-00	1345	Received by Laboratory: J McMurray

REMARKS

Rec 27°F

F.R. Hobbs Office

Invoice: EOTT [illegible]

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88242
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Soil
Sample Condition: Intact/Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: DARR ANGELL #1
Project Location: Lea County, N.M.

Sampling Date: 07/10/00
Receiving Date: 07/12/00
Analysis Date: 07/18/00

ELT#	FIELD CODE	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)
28055	RW 3 23-25'	<0.100	<0.100	<0.100	<0.100	<0.100
28059	RW 3 43-45'	<0.100	<0.100	<0.100	<0.100	<0.100
28060	RW 3 48-50'	<0.100	<0.100	0.146	0.774	0.387
28061	RW 3 53-55'	<0.100	4.90	4.04	14.3	5.61
28062	RW 3 58-60'	<0.100	<0.100	<0.100	0.172	<0.100
%IA		93	91	92	104	94
%EA		94	94	91	107	91
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

Raland K. Tuttle

7-24-00

Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS,N.M. 88242
FAX: 505-397-4701
FAX: 915-520-4310

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2055C
Project Name: DARR ANGELL #1
Project Location: Lea County, N.M.

Sampling Date: 07/10/00
Receiving Date: 07/12/00
Analysis Date: 07/14/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
28050	RW 3 0-2'	<10	34
28051	RW 3 3-5'	<10	23
28052	RW 3 8-10'	<10	<10
28053	RW 3 13-15'	<10	<10
28054	RW 3 18-20'	<10	<10
28055	RW 3 23-25'	<10	<10
28056	RW 3 28-30'	<10	<10
28057	RW 3 33-35'	<10	80
28058	RW 3 38-40'	21	632
28059	RW 3 43-45'	43	838
28060	RW 3 48-50'	120	1140
28061	RW 3 53-55'	942	7515
28062	RW 3 58-60'	<10	567
	% IA	85	105
	% EA	91	111
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K Tuttle
Raland K. Tuttle

7-24-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 184

Project Manager: JESSE TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 W. MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA COUNTY, NM

Sampler Signature: Jesse Taylor

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 8015 DRO/GRO	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
28050	RW 3 0'-2'	1	4oz		X						X			7-10	0905		X						
28051	RW 3 3'-5'														0910								
28052	RW 3 8'-10'														0918								
28053	RW 3 13'-15'														0930								
28054	RW 3 18-20'														0940								
28055	RW 3 23-25'														0955	X							
28056	RW 3 28-30'														1015								
28057	RW 3 33-35'														1030								
28058	RW 3 38-40'														1055								
28059	RW 3 43-45'														1120	X							
28060	RW 3 48-50'	↓	↓		↓						↓			↓	1200	X	↓						

Relinquished by:	Date:	Times:	Received by:
Jesse Taylor	7-12-00	0800	Greg Peltier
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:
Greg Peltier	7/12/00	16:30	Celia Keene

REMARKS: F.R. HOBBS OFFICE

30°F

INVOICE: EOTT 1015M

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC #: 184

Project Manager: JESSE TAYLOR

Phone #: (505) 397- 4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 MARLAND HOBBS NM 88242

Project #: EOT 2055C

Project Name: DARR ANGELL #1

Project Location: LEA COUNTY NM

Sampler Signature: [signature]

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 2000	SAMPLING: TIME	BTEX 8020	TPH 8015 DRO/GRO	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
28041	RW3 53-55'	1	4oz		X						X			7-10	1300	X	X						
28042	RW3 58-60'	1	4oz		X						X			7-10	1345	X	X						

Relinquished by:	Date:	Time:	Received by:
[signature]	7-12-00	0840	[signature]
[signature]	7/12/00	16:30	Received by Laboratory: [signature]

REMARKS: 30°F

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-397-4701

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
28197	MW-17	<0.001	<0.001	<0.001	<0.001	<0.001
28198	MW-18	<0.001	<0.001	<0.001	<0.001	<0.001
28199	MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
28200	MW-20	<0.001	0.002	0.001	<0.001	0.005
% IA		95	94	94	105	95
% EA		93	90	93	102	94
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

Raland K. Tuttle

7-27-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington
Field Code: MW 17

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28197	RPD	%EA	%DEV
Naphthalene	0.005	ND			2.1
Acenaphthylene	0.005	ND			1.8
Acenaphthene	0.005	ND	19	106	-5.4
Fluorene	0.005	ND			4.0
Phenanthrene	0.005	ND			2.5
Anthracene	0.005	ND			1.1
Fluoranthene	0.005	ND			8.8
Pyrene	0.005	ND	21	84	-4.4
Benzo[a]anthracene	0.005	ND			-2.8
Chrysene	0.005	ND			2.3
Benzo[b]fluoranthene	0.005	ND			-5.2
Benzo[k]fluoranthene	0.005	ND			9.2
Benzo [a]pyrene	0.005	ND			0.8
Indeno[1,2,3-cd]pyrene	0.005	ND			15.4
Dibenz[a,h]anthracene	0.005	ND			12.9
Benzo[g,h,i]perylene	0.005	ND			23.4#

	% RECOVERY
Nitrobenzene-d5 SURR	30
2-Fluorobiphenyl SURR	43
p-Terphenyl-d14 SURR	47

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

Raland K. Tuttle

7-27-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington
Field Code: MW 18

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28198	RPD	%EA	%DEV
Naphthalene	0.005	ND			2.1
Acenaphthylene	0.005	ND			1.8
Acenaphthene	0.005	ND	19	106	-5.4
Fluorene	0.005	ND			4.0
Phenanthrene	0.005	ND			2.5
Anthracene	0.005	ND			1.1
Fluoranthene	0.005	ND			8.8
Pyrene	0.005	ND	21	84	-4.4
Benzo[a]anthracene	0.005	ND			-2.8
Chrysene	0.005	ND			2.3
Benzo[b]fluoranthene	0.005	ND			-5.2
Benzo[k]fluoranthene	0.005	ND			9.2
Benzo [a]pyrene	0.005	ND			0.8
Indeno[1,2,3-cd]pyrene	0.005	ND			15.4
Dibenz[a,h]anthracene	0.005	ND			12.9
Benzo[g,h,i]perylene	0.005	ND			23.4#

	% RECOVERY
Nitrobenzene-d5 SURR	39
2-Fluorobiphenyl SURR	59
p-Terphenyl-d14 SURR	58

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

Raland K. Tuttle

7-27-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington
Field Code: MW 19

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28199	RPD	%EA	%DEV
Naphthalene	0.005	ND			2.1
Acenaphthylene	0.005	ND			1.8
Acenaphthene	0.005	ND	19	106	-5.4
Fluorene	0.005	ND			4.0
Phenanthrene	0.005	ND			2.5
Anthracene	0.005	ND			1.1
Fluoranthene	0.005	ND			8.8
Pyrene	0.005	ND	21	84	-4.4
Benzo[a]anthracene	0.005	ND			-2.8
Chrysene	0.005	ND			2.3
Benzo[b]fluoranthene	0.005	ND			-5.2
Benzo[k]fluoranthene	0.005	ND			9.2
Benzo [a]pyrene	0.005	ND			0.8
Indeno[1,2,3-cd]pyrene	0.005	ND			15.4
Dibenz[a,h]anthracene	0.005	ND			12.9
Benzo[g,h,i]perylene	0.005	ND			23.4#

	% RECOVERY
Nitrobenzene-d5 SURR	16
2-Fluorobiphenyl SURR	30
p-Terphenyl-d14 SURR	34

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

Raland K. Tuttle

7-27-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington
Field Code: MW 20

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28200	RPD	%EA	%DEV
Naphthalene	0.005	ND			2.1
Acenaphthylene	0.005	ND			1.8
Acenaphthene	0.005	ND	19	106	-5.4
Fluorene	0.005	ND			4.0
Phenanthrene	0.005	ND			2.5
Anthracene	0.005	ND			1.1
Fluoranthene	0.005	ND			8.8
Pyrene	0.005	ND	21	84	-4.4
Benzo[a]anthracene	0.005	ND			-2.8
Chrysene	0.005	ND			2.3
Benzo[b]fluoranthene	0.005	ND			-5.2
Benzo[k]fluoranthene	0.005	ND			9.2
Benzo [a]pyrene	0.005	ND			0.8
Indeno[1,2,3-cd]pyrene	0.005	ND			15.4
Dibenz[a,h]anthracene	0.005	ND			12.9
Benzo[g,h,i]perylene	0.005	ND			23.4#

	% RECOVERY
Nitrobenzene-d5 SURR	42
2-Fluorobiphenyl SURR	64
p-Terphenyl-d14 SURR	70

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

Raland K. Tuttle

7-27-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/Iced/HNO3/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington

Sample Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: 07/25/00
Analysis Date: Hg 07/26/00

Analyte (mg/L)	MW17 28197	MW18 28198	MW19 28199	MW20 28200	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	2.09	4.94	1.79	33.2	0.0500	96	101	<0.0500	4.04
Arsenic	ND	ND	ND	ND	0.0050	100	104	<0.0050	1.90
Barium	0.1680	0.1590	0.1020	0.6960	0.0100	100	109	<0.0100	2.54
Beryllium	ND	ND	ND	ND	0.0040	96	102	<0.0040	1.98
Cadmium	ND	ND	ND	ND	0.0010	100	108	<0.0010	1.87
Calcium	108.0	153.0	78.10	651.0	1.000	94	N/A	<1.000	3.12
Chromium	0.0250	0.0290	0.0120	0.0530	0.0050	94	104	<0.0050	2.93
Cobalt	ND	ND	ND	0.0320	0.0200	94	100	<0.0200	2.63
Copper	ND	ND	ND	0.0340	0.0100	98	110	<0.0100	3.31
Iron	1.540	3.550	1.390	23.60	0.0500	104	108	<0.0500	4.65
Lead	ND	ND	ND	0.0100	0.0030	98	106	<0.0030	1.90
Magnesium	19.00	26.80	14.00	50.60	1.000	97	N/A	<1.000	3.39
Manganese	0.0510	0.0680	0.0310	0.3750	0.0150	94	99	<0.0150	2.44
Mercury	ND	ND	ND	ND	0.002	99	107	<0.002	10.70
Molybdenum	ND	ND	ND	ND	0.050	95	101	<0.050	2.19
Nickel	0.0330	0.0330	0.0160	0.0780	0.0100	95	103	<0.0100	2.37
Potassium	4.600	5.930	3.850	13.70	1.000	84	N/A	<1.000	4.98
Selenium	ND	ND	ND	ND	0.0050	106	112	<0.0050	5.50
Silver	ND	ND	ND	ND	0.00500	82	98	<0.0050	10.75
Sodium	67.00	74.70	51.40	61.40	1.000	81	N/A	<1.000	7.00
Tin	ND	ND	ND	ND	0.0500	97	104	<0.0500	2.44
Vanadium	0.0270	0.0320	0.0200	0.1220	0.0200	91	98	<0.0200	2.90
Zinc	0.0520	0.0690	0.0280	0.0690	0.0200	101	108	<0.0200	2.25
Boron	0.211	0.215	0.161	0.180	0.050	106	118	<0.050	2.13
Strontium	0.521	0.634	0.382	0.841	0.050	102	109	<0.050	2.08

ND = Below Reporting Limit
METHOD: EPA SW846-6010B, 7470

Raland K. Tuttle

7-26-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ 34 deg. F
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lovington

Sampling Date: 07/14/00
Receiving Date: 07/14/00
Analysis Date: See Below

ELT#	FIELD CODE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
28197	MW 17	130	75	0	172	468
28198	MW 18	129	40	0	146	379
28199	MW 19	141	93	0	197	504
28200	MW 20	121	35	0	203	341
	QUALITY CONTROL	47.7	5406	*	*	*
	TRUE VALUE	50.0	5000	*	*	*
	% PRECISION	95	108	*	*	*
	ANALYSIS DATE	07/19/00	07/18/00	7/18/00	07/18/00	07/19/00

METHODS: EPA 375.4, 325.3, 310, 160.1

Raland K. Tuttle

7-26-00
Date

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

CoC# 189

1 of 1

Project Manager: J TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240

Project #: EOT 2055C

Project Name: Darr Angel 1

Project Location: Lovington

Sampler Signature: [signature]

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	TPH 418.1	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 EPA 160.1	RCI	PAH EPA 8100	Cations EPA 6010	Anions EPA 300	Heavy metals (ICP Scan) EPA 6010
28197	MW 17	5	1 L/1A 5 ml	X					X	X	X			7-14	10:06	X						X		X	X	X	X
28198	MW 18	↓	↓	↓					↓	↓	↓			7-14	10:21	↓						↓		↓	↓	↓	↓
28199	MW 19	↓	↓	↓					↓	↓	↓			7-14	9:45	↓						↓		↓	↓	↓	↓
28200	MW 20	↓	↓	↓					↓	↓	↓			7-14	10:47	↓						↓		↓	↓	↓	↓

Relinquished by:	Date:	Time:	Received by:
[signature]	7-14-00	12:30	[signature]
[signature]	7-14-00	1700	Received by Laboratory: [signature]

REMARKS

34°

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915 520-4310
FAX: 505-397-4701

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ -1 deg. C
Project #: EOT 2055C
Project Name: Darr Angell 1
Project Location: Lea County, N.M.

Sampling Date: 09/13/00
Receiving Date: 09/16/00
Analysis Date: 09/21/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
31007	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31008	MW 7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31009	MW 11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31010	MW 12	1.25	<0.010	<0.010	0.085	<0.010	1.34
31011	MW 15	0.002	<0.001	<0.001	<0.001	<0.001	0.002
31012	MW 16	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31013	MW 17	0.003	<0.001	<0.001	0.002	<0.001	0.005
31014	MW 18	0.002	<0.001	<0.001	<0.001	<0.001	0.002
31015	MW 19	0.004	<0.001	0.001	<0.001	<0.001	0.005
31016	MW 20	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31017	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		98	96	95	96	90	
% EA		92	90	91	92	86	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-25-00
Date

Environmental Lab of Texas, Inc.

12600 West I-[illegible]st Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALY[illegible]EQUEST

COC # 228

Project Manager: BETH ALDRICH
Phone #: (505) 397-4882
FAX #: (505) 397-4781

Company Name & Address: ETGI
2540 W MARLAND HOBBS NM

Project #: EOT 2055C
Project Name: DARK ANGEL 1

Project Location: LEA COUNTY NM
Sampler Signature: Simon Casas

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	ANALYSIS REQUEST: BTEX 8021B(602)	TPH 418.1	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
	MW 4	2	✓	X					X		X			9-13	1015	X							
	MW 7														1100								
	MW 11														1341								
	MW 12														1130								
	MW 15														1420								
	MW 16														1445								
	MW 17														1300								
	MW 18														1318								
	MW 19														1145								
	MW 20														1400								
	EB 1	↓	↓	↓					↓		↓			↓	1500	↓							

Relinquished by:	Date:	Time:	Received by:
Simon Casas	9-15-00	1500	
Relinquished by:	Date:	Time:	Received by:
Danny Daugh			
Relinquished by:	Date: 9/16/00	Time: 14:55	Received by Laboratory: Celey Keene

REMARKS
INVOICE: EOTT
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT

-10C

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
2540 WEST MARLAND
HOBBS, N.M. 88240
FAX: 915-520-4310
FAX: 505-397-4701

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -1 deg. C
Project #: ECT 2055C
Project Name: Darr Angel I
Project Location: Lovington, N.M.

Sampling Date: 11/16/00
Receiving Date: 11/18/00
Analysis Date: 11/19/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
34058	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
34059	MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
34060	MW-11	<0.001	<0.001	<0.001	<0.001	<0.001
34061	MW-12	0.942	0.002	0.002	0.103	<0.001
34062	MW-15	0.002	<0.001	<0.001	0.002	0.003
34063	MW-16	<0.001	<0.001	<0.001	<0.001	<0.001
34064	MW-17	<0.001	<0.001	<0.001	<0.001	<0.001
34065	MW-18	<0.001	<0.001	<0.001	<0.001	<0.001
34066	MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
34067	MW-20	<0.001	<0.001	<0.001	0.001	<0.001
34068	EB-1	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	91	100	107	112	105
	%EA	85	91	95	99	93
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

11-21-00
Date

Environmental Lab of Texas, Inc.

12600 West I 20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

COC 27Ø
1 of 2

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Beth aldrich

Company Name: Environmental Technology Group Inc.

Company Address: 2540 West Marland

City/State/Zip: Hobbs New Mexico 88240

Telephone No: (505) 397-4882

Fax No: (505) 397-47Ø1

Sampler Signature: [signature]

Project Name: Darr Angell I

Project #: EOT 2055C

Project Loc: Lovington, NM

PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	TDS/TCL/SAR/EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
34058	mw-4	11/16	1Ø2Ø	2	X		X					X											X		
34059	mw-7		13ØØ																						
34060	mw-11		1Ø4Ø																						
34061	mw-12		114Ø																						
34062	mw-15		1355																						
34063	mw-16		1415																						
34064	mw-17		11Ø7																						
34065	mw-18		1Ø55																						
34066	mw-19		112Ø																						
34067	mw-2Ø		134Ø																						

Special Instructions:

Sample Containers Intact? Y N

Temperature Upon Receipt: -1°C

Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-17-00	134Ø	Camille Reynolds	11/17/00	1341
Camille Reynolds	11/18/00	1213	Received by ELOT: [signature]	11/18/00	1213

Environmental Lab of Texas, Inc.

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

CoC # 270
2 of 2

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Beth Aldrich
Company Name: Environmental Technology Group Inc.
Company Address: 2540 West Marland
City/State/Zip: Hobbs, New Mexico 88240
Telephone No: (505) 397-4882
Fax No: (505) 397-4701
Sampler Signature: [signature]

Project Name: Darr Angell I
Project #: EOT 2055C
Project Loc: Lovington, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Water	Sludge	Soil	Other (specify)	TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
34068	EB-1	11/16	1430	2	X		X					X											X		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-17-00	1340	Camille Reynolds	11/17/00	1341
Camille Reynolds	11/18/00	1213	Received by ELOT: [signature]	11/18/00	1213

Sample Containers Intact? Y N
Temperature Upon Receipt: -1 C
Laboratory Comments:

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-397-4701
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -0.5 deg C
Project #: EOT 2055C
Project Name: Darr Angel 1
Project Location: Lea County, N.M.

Sampling Date: 02/23/01
Receiving Date: 03/02/01
Analysis Date: 03/04/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
37845	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
37846	MW 7	<0.001	<0.001	<0.001	<0.001	<0.001
37847	MW 11	<0.001	<0.001	<0.001	<0.001	<0.001
37848	MW 12	0.712	<0.005	<0.005	0.078	<0.005
37849	MW 15	<0.001	<0.001	<0.001	<0.001	<0.001
37850	MW 16	<0.001	<0.001	<0.001	<0.001	<0.001
37851	MW 17	<0.001	<0.001	<0.001	<0.001	<0.001
37852	MW 18	<0.001	<0.001	<0.001	<0.001	<0.001
37853	MW 19	<0.001	<0.001	<0.001	<0.001	<0.001
37854	MW 20	<0.001	<0.001	<0.001	<0.001	<0.001
37855	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
%IA		97	105	110	109	109
%EA		95	103	108	105	107
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

3-5-01
Date

Environmental Technology Group, Inc.
ETG Consulting & Remediation Services

For Use On EOTT ENERGY CORP. Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 523-4310

2540 West Manand
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
East Business 20
TX 79702
(915) 687-3400
(915) 682-273

5605
Midland,
Tel
Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: JESSE TAYLOR
Project Name: DARR ANGELL 1
Project Location: LEA COUNTY NM

EOTT Leak Number:
ETGI Project Number: EOT 2055C
Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
37845	MW 4	2	V	X				X			X		2-23	1053	X											
37846	MW 7													1016												
37847	MW 11													1416												
37848	MW 12													1438												
37849	MW 15													1148												
37850	MW 16													1122												
37851	MW 17													1342												
37852	MW 18													1359												
37853	MW 19													1621												
37854	MW 20													1304												
37855	EB 1													1443												

Relinquished by: Simon Casas Date: 3-2-01 Time: 1505
Relinquished by: Date: Time:

Received by: Date: Time:

Received at Lab by: Date: 3-2-01 Time: 15:05

REMARKS:
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT
INVOICE: EOTT
-0.5 °C

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: June 1, 2001 Order Number: A01052224 Page Number: 1 of 1
EOT 2055C DARR ANGELL 1 N/A

Summary Report

Ken Dutton
ETGI
2540 W. Marland
Hobbs, NM

Report Date: June 1, 2001

Order ID Number: A01052224

Project Number: EOT 2055C
Project Name: DARR ANGELL 1
Project Location: N/A

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
171706	MW-4	Water	5/15/01	13:00	5/22/01
171707	MW-7	Water	5/15/01	12:20	5/22/01
171708	MW-11	Water	5/15/01	13:20	5/22/01
171709	MW-12	Water	5/15/01	15:20	5/22/01
171710	MW-15	Water	5/15/01	14:27	5/22/01
171711	MW-16	Water	5/15/01	14:13	5/22/01
171712	MW-17	Water	5/15/01	13:56	5/22/01
171713	MW-18	Water	5/15/01	13:35	5/22/01
171714	MW-19	Water	5/15/01	15:00	5/22/01
171715	MW-20	Water	5/15/01	14:49	5/22/01
171716	EB-1	Water	5/15/01	15:35	5/22/01

This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX				
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	M,P,O-Xylene (mg/L)	Total BTEX (mg/L)
171706 - MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
171707 - MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
171708 - MW-11	<0.005	<0.005	<0.005	<0.005	<0.005
171709 - MW-12	1.77	<0.005	0.0051	0.139	1.91
171710 - MW-15	<0.005	<0.005	<0.005	<0.005	<0.005
171711 - MW-16	<0.005	<0.005	<0.005	<0.005	<0.005
171712 - MW-17	<0.001	<0.001	<0.001	<0.001	<0.001
171713 - MW-18	<0.001	<0.001	<0.001	<0.001	<0.001
171714 - MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
171715 - MW-20	<0.001	<0.001	<0.001	<0.001	<0.001
171716 - EB-1	<0.001	<0.001	<0.001	<0.001	<0.001

COC 957 Page ____ of ____

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

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

TraceAnalysis, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #: 406222-1

Company Name: E.T.G.I. Phone #: (505) 397-4882

Address: (Street, City, Zip) 2540 W MARLAND HOBBS NM Fax #: (505) 397-4781

Contact Person: KEN DUTTON

Invoice to: (If different from above) ELOTT

Project #: 207SC Project Name: DARA ANGELL #1

Project Location: Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	M16F 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GCMS Vol. 8260B/624	GCMS Semi Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
17706	MW 4	2	✓	X				X				X		5-25	1300		X															
07	MW 7														1220																	
08	MW 11														1320																	
09	MW 12														0520																	
10	MW 15														1027																	
11	MW 16														1413																	
12	MW 17														1852																	
13	MW 18														1335																	
14	MW 19														1500																	
15	MW 20														1449																	
16	EB 1	↓	↓	↓				↓				↓		↓	1535	↓																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	5-21-01	1800		5-21-01	8:20
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

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

LAB USE ONLY
Intact: Y / N
Headspace: Y / N
Temp: 4°
Log-in Review: JM

REMARKS: Sediment in vial

☐ Check if Special Reporting Limits Are Needed

Carrier #: Bus. 902 591 5668

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118029 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW4
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 11:00

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

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.

6.1 e

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW4	**Report#/Lab ID#:** 118029 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane d4	8260b	91.8	80-120	---
Toluene d8	8260b	88.5	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118030 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW7
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.
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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW7	**Report#/Lab ID#:** 118030 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane d4	8260b	90.2	80-120	---
Toluene d8	8260b	88.4	88-110	---

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

AnalySys Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118031 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW11
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 14:05

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o-Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.
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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW11	**Report#/Lab ID#:** 118031 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.3	80-120	---
Toluene-d8	8260b	88.3	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118032 **Report Date:** 08/23/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW12
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 14:45

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-8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	1740	µg/L	10	<10	08/20/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	4.05	µg/L	1	<1	08/17/01	8260b	---	4.9	99.5	98.2	100.9
m,p-Xylenes	101	µg/L	1	<1	08/17/01	8260b	---	4.7	101.9	102.3	102.4
o-Xylene	<1	µg/L	1	<1	08/17/01	8260b	J	6.9	102.3	103.5	104.9
Toluene	<1	µg/L	1	<1	08/17/01	8260b	J	4.2	94.4	93.9	91.2

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW12	**Report#/Lab ID#:** 118032 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.6	80-120	---
Toluene-d8	8260b	94.9	88-110	---

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

Report Date: 08/23/01

Exceptions Report:

Report #/Lab ID#: 118032 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW12

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
o Xylene	J	See J-flag discussion above.
Toluene	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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118033 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW15
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 11:42

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-8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	1.66	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p-Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o-Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.
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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW15	**Report#/Lab ID#:** 118033 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	88.1	80-120	---
Toluene d8	8260b	88.3	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-1882 **FAX:** 505 397-4701

Report#/Lab ID#: 118034 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW16
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 11:20

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-8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	J	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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*.

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.

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW16	**Report#/Lab ID#:** 118034 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane d4	8260b	88	80-120	---
Toluene d8	8260b	88.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 118034 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW16

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
Benzene	J	See J-flag discussion above.

Notes: _____

AnalySys Inc.
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118035 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW17
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 12:45

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-8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p-Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o-Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

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.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW17	**Report#/Lab ID#:** 118035 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	98.9	80-120	---
Toluene d8	8260b	92.8	88-110	---

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

AnalySys Inc.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118036 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW18
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 14:30

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW18	**Report#/Lab ID#:** 118036 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane d4	8260b	84.9	80-120	---
Toluene d8	8260b	89.6	88-110	---

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

AnalySys Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118037 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW19
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 12:22

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p-Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW19	**Report#/Lab ID#:** 118037 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	85.7	80-120	---
Toluene-d8	8260b	88	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118038 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW20
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 12:00

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p-Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o-Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW20	**Report#/Lab ID#:** 118038 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	90.3	80-120	---
Toluene-d8	8260b	89.1	88-110	---

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

AnalySys Inc.

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

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Maryland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118039 **Report Date:** 08/20/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: EB1
Sample Matrix: water
Date Received: 08/14/2001 **Time:** 11:00
Date Sampled: 08/07/2001 **Time:** 15:10

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 8260b/BTEX	---		---		08/17/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/17/01	8260b	---	8.9	88.9	97.2	85.9
Ethylbenzene	<1	µg/L	1	<1	08/17/01	8260b	---	4.4	99.3	97.3	96.5
m,p Xylenes	<1	µg/L	1	<1	08/17/01	8260b	---	3.5	109.4	108.2	106.4
o Xylene	<1	µg/L	1	<1	08/17/01	8260b	---	0.8	99.8	100.4	100.8
Toluene	<1	µg/L	1	<1	08/17/01	8260b	---	8	114.5	114.2	111.6

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** EB1	**Report#/Lab ID#:** 118039 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane d4	8260b	86.7	80-120	---
Toluene d8	8260b	91.9	88-110	---

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

CHAIN-OF-CUSTODY

1 of 2

COC # 102

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

Send Reports To:
Company Name ETGI
Address 2540 W. MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701
Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR ANGELL #1 Sampler: Simon Cass
EOT 2055C

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

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)	BTEX 8021 B	Comments
mw 4	8-7-01	1100	2		X		118029	X	
mw 7		1030					118030		
mw 11		1405					118031		
mw 12		1445					118032		
mw 15		1142					118033		
mw 16		1120					118034		
mw 17		1245					118035		
mw 18		1430					118036		
mw 19		1222					118037		
mw 20	↓	1200	↓		↓		118038	↓	

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.

7 = 3.9

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Cass		8-13-01	1500		AST	8/14/01	10:00

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

CHAIN-OF-CUSTODY

COC # 102

2062

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

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR ANGELL #1 EOT 2055C Sampler: Simon Casas

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)	BTEX 8021B	Comments
EB 1	8-7-01	1510	2		X		118039	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.

T = 3.9

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		8-13-01	1510	[illegible]	ASI	8/14/01	10:00

[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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121898 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 4
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 09:55

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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.

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.

ANALYSYS Inc.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 4	**Report#/Lab ID#:** 121898 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.7	80-120	---
Toluene-d8	8260b	88	88-110	---

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

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121900 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 11
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 12:20

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 11	**Report#/Lab ID#:** 121900 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.2	80-120	---
Toluene-d8	8260b	89.8	88-110	---

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

AnalySys Inc.

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Attn: Ken Dutton
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121901 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 12
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 12:40

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-8260b/BTEX	---		---		11/14/01	8260b	---	---	---	---	---
Benzene	2070	µg/L	100	<100	11/13/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	4.73	µg/L	1	<1	11/14/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	72.4	µg/L	1	<1	11/14/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/14/01	8260b	J	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/14/01	8260b	J	5.8	107.7	102.3	110.8

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.

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 12	**Report#/Lab ID#:** 121901 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	99.3	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 121901 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Dare Angell #1 EOT 2055C
Sample Name: MW 12

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
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes: _____

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Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121902 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 15
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 10:45

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	1.1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 15	**Report#/Lab ID#:** 121902 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.5	80-120	---
Toluene-d8	8260b	88.1	88-110	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121903 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 16
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 10:25

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 16	**Report#/Lab ID#:** 121903 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.4	80-120	---
Toluene-d8	8260b	89.8	88-110	---

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

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121904 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 17
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 11:40

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 17	**Report#/Lab ID#:** 121904 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.8	80-120	---
Toluene-d8	8260b	89	88-110	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121905 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 18
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 12:00

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 18	**Report#/Lab ID#:** 121905 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.3	80-120	---
Toluene-d8	8260b	91.2	88-110	---

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

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121906 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 19
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 11:20

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	9.5	98.5	98.9	102.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.9	90.5	94.9	93.1
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.7	94.9	98.2	97.2
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.6	97.7	98.5	98.8
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	5.8	107.7	102.3	110.8

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.

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.

ANALYSYS INC.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 19	**Report#/Lab ID#:** 121906 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.4	80-120	---
Toluene-d8	8260b	88.1	88-110	---

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121907 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 20
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 11:05

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	17.7	101.9	103.5	101.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.3	93	95.4	91.2
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	J	0.3	96.4	98.7	95
o Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.2	96.6	98.4	95.7
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	17.4	108.6	110.8	109.8

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 20	**Report#/Lab ID#:** 121907 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	89.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 121907 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Dan Angell #1 EOT 2055C
Sample Name: MW 20

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
m,p Xylenes	J	See J-flag discussion above.

Notes: _____

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121908 **Report Date:** 11/16/01
Project ID: Darr Angell #1 EOT 2055C
Sample Name: EB 1
Sample Matrix: water
Date Received: 11/02/2001 **Time:** 09:30
Date Sampled: 11/01/2001 **Time:** 13:10

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-8260b/BTEX	---		---		11/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/09/01	8260b	---	17.7	101.9	103.5	101.4
Ethylbenzene	<1	µg/L	1	<1	11/09/01	8260b	---	0.3	*93	95.4	91.2
m,p-Xylenes	<1	µg/L	1	<1	11/09/01	8260b	---	0.3	96.4	98.7	95
o-Xylene	<1	µg/L	1	<1	11/09/01	8260b	---	0.2	96.6	98.4	95.7
Toluene	<1	µg/L	1	<1	11/09/01	8260b	---	17.4	108.6	110.8	109.8

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** EB 1	**Report#/Lab ID#:** 121908 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	90.2	88-110	---

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

COC: 175

1 of

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 392-4182 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

#595

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Darr Angell #1 / Sampler: Marcela Campos
EOT20555

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)	BTEX (8021B)	Comments
MW-1	11-1-01	0955	2		X		121898	X	
MW-2		0935					121899		
MW-11		1220					121900		
MW-12		1240					121901		
MW-15		1045					121902		
MW-16		1025					121903		
MW-17		1140					121904		
MW-18		1240					121905		
MW-19		1120					121906		
MW-20	↓	1105	↓		↓		121907	↓	

(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 TCL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcela Campos		11-1-01		Melanie Humphrey	ASI	11/02/01	0930

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

2 of 2

CHAIN-OF-CUSTODY

ANALYSYS INC.
4721 Freidrich Lane, Suite 190, Austin, TX 78744
Phone (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):
Company Name COST
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Darr Angell #1 Sampler: Manuel Campos
COST 2055C

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)	BTEX 8021B	Comments
EB 1	11-1-01	1310	2		X		121908	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.

Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Manuel Campos		11-1-01	1619	Melanie Humphreys	ASI	11/02/01	0932

(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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126136 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 4
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 10:00

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-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 4	**Report#/Lab ID#:** 126136 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	91.5	88-110	---

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126137 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 7
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 11:19

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-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell I EOT 2055C **Sample Name:** MW 7	**Report#/Lab ID#:** 126137 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.9	80-120	---
Toluene-d8	8260b	92.3	88-110	---

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

AnalySys Inc.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126138 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 11
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 11:50

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-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 11	**Report#/Lab ID#:** 126138 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	92.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126138 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 11

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
Benzene	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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126139 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 12
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 13:40

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-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	2120	µg/L	100	<100	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	5.12	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	16.5	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	J	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	J	1.8	105	106.4	107.4

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.

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.

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell I EOT 2055C **Sample Name:** MW 12	**Report#/Lab ID#:** 126139 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110	80-120	---
Toluene-d8	8260b	95.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126139 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 12

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
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes: _____

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126140 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 15
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 10:37

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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.

Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 15	**Report#/Lab ID#:** 126140 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	92.4	88-110	---

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

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126141 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 16
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 10:19

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-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 16	**Report#/Lab ID#:** 126141 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	92.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126141 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 16

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126142 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 17
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 12:30

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 17	**Report#/Lab ID#:** 126142 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	92.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126142 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 17

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).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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Notes:

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126143 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 18
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 12:09

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 18	**Report#/Lab ID#:** 126143 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	92	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126143 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 18

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).

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Notes:

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Client: Environmental Tech Group
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126144 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 19
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 10:59

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 19	**Report#/Lab ID#:** 126144 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	94.1	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126145 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 20
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 11:36

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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.

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 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** MW 20	**Report#/Lab ID#:** 126145 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	93.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126145 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 1 EOT 2055C
Sample Name: MW 20

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
Benzene	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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 126146 **Report Date:** 03/01/02
Project ID: Darr Angell 1 EOT 2055C
Sample Name: EB 1
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/19/2002 **Time:** 14:00

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-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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.

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.

ANALYSYS Inc.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 1 EOT 2055C **Sample Name:** EB 1	**Report#/Lab ID#:** 126146 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.5	80-120	---
Toluene-d8	8260b	93.4	88-110	---

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

1 of 2 COC 23

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4582 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR Angell / EOT 2055C Sampler: Simon Casas

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)	BTEX 8021B	Comments
MW 4	2-19-02	1000	2		X		126136	X	
MW 7		1119					126137		
MW 11		1150					126138		
MW 12		1340					126139		
MW 15		1037					126140		
MW 16		1019					126141		
MW 17		1230					126142		
MW 18		1209					126143		
MW 19		1059					126144		
MW 20		1136					126145		

(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 (RDL/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 Pollutant or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp. 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	GTGI	2-25-02	1200	Melanie Humphrey	ASI	2/26/02	07:37

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

2 of 2 COC 23

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 433-5806
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4582 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR Angell 1 Sampler: Simon Casas
EOT 2055C

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
EB 1	2-19-02	1400	2		X		126146	X	

Analyses Requested (1)
Please attach explanatory information as required

(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 Pollutant + ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGT	2-25-02	1200	Melanie Humphrey	ASI	2/26/02	9:57

[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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, - NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131034 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 4
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 10:00

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 4	**Report#/Lab ID#:** 131034 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.4	80-120	---
Toluene-d8	8260b	103	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131035 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 7
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 10:39

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-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/02/02	8260b	---	0.4	86.9	82.1	81.5

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 7	**Report#/Lab ID#:** 131035 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86	80-120	---
Toluene-d8	8260b	110	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131036 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 11
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 12:00

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	J	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	J	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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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: Environmental Tech Group	**Project ID:** Darr Angell #1 EOT 2055C	**Report#/Lab ID#:** 131036
Attn: Ken Dutton	**Sample Name:** MW 11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	117	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131036 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 11

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
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.

Notes: _____

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131037 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 15
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 11:19

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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.

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.

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: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 15	**Report#/Lab ID#:** 131037 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.1	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131038 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 16
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 11:00

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	J	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	J	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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.

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.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 16	**Report#/Lab ID#:** 131038 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.5	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131038 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 16

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
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.

Notes: _____

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131039 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 17
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 12:39

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	J	0.3	94.3	105.8	97.9
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	J	2.1	114.4	108.7	117.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	1	88.4	85.8	96.4

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell #1 EOT 2055C	**Report#/Lab ID#:** 131039
Attn: Ken Dutton	**Sample Name:** MW 17	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131039 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 17

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

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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
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.

Notes: _____

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131040 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 18
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 12:19

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	J	0.3	94.3	105.8	97.9
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	J	2.1	114.4	108.7	117.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	1	88.4	85.8	96.4

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell #1 EOT 2055C	**Report#/Lab ID#:** 131040
Attn: Ken Dutton	**Sample Name:** MW 18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131040 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 18

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131041 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 19
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 13:20

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.3	94.3	105.8	97.9
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.1	114.4	108.7	117.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	1	88.4	85.8	96.4

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 19	**Report#/Lab ID#:** 131041 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99	80-120	---
Toluene-d8	8260b	104	88-110	---

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

AnalySys inc.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131042 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 20
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 11:41

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.3	94.3	105.8	97.9
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.1	114.4	108.7	117.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	1	88.4	85.8	96.4

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Client: Environmental Tech Group	**Project ID:** Darr Angell #1 EOT 2055C	**Report#/Lab ID#:** 131042
Attn: Ken Dutton	**Sample Name:** MW 20	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	---
Toluene-d8	8260b	103	88-110	---

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131043 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: EB 1
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 13:15

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.3	94.3	105.8	97.9
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.1	114.4	108.7	117.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	1	88.4	85.8	96.4

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Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell #1 EOT 2055C	**Report#/Lab ID#:** 131043
Attn: Ken Dutton	**Sample Name:** EB 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.6	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 131044 **Report Date:** 07/03/02
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 12
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 12:00

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-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	2050	µg/L	100	<100	07/02/02	8260b	---	0.3	94.3	105.8	97.9
Ethylbenzene	4.88	µg/L	1	<1	07/01/02	8260b	---	2.1	114.4	108.7	117.5
m,p-Xylenes	17.1	µg/L	1	<1	07/01/02	8260b	---	0.5	107.3	85.8	112.7
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	J	1.7	112.5	103.1	116.3
Toluene	<1	µg/L	1	<1	07/01/02	8260b	J	1	88.4	85.8	96.4

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.

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.

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #1 EOT 2055C **Sample Name:** MW 12	**Report#/Lab ID#:** 131044 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.3	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131044 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #1 EOT 2055C
Sample Name: MW 12

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
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

COC 1Ø0 1 of 2

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 392-4882 Fax (505) 397-4701

Bill to (If different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Darr Angell #1 EOT 2055C Sampler: Simon Carr

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)	BTEX 8021B								Comments
mw 4	6-19	1000	2		X		131034	X								
mw 7		1039					131035									
mw 11		1200					131036									
mw 15		1119					131037									
mw 16		1100					131038									
mw 17		1239					131039									
mw 18		1219					131040									
mw 19		1320					131041									
mw 20		1141					131042									
EB 1	↓	1315	↓		↓		131043	↓								

(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 Pollutant or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Carr	ETGI	6/27/02	1700	Melanie Humphrey	ASI	6/28/02	10:30

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

COC 100 2 of 2

CHAIN-OF-CUSTODY

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Phone (505) 397-4882 Fax (505) 397-4701

Bill to (If different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DHRA Hagel 1 Sampler: [signature]

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)	BTEX 8021B								Comments
MW 12	6/19/02	1200	2		✓		131044	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 Pollutant or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	ETGI	6/27/02	1200	Melanie Humphrey	ASI	6/28/02	10:30

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

APPENDIX B

WATER WELL SURVEY

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 15S Range: 37E Sections: 1,2,3

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPORT 09/19/2002

(acre ft per annum) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) X Y are in Feet UTM are in Meters)

DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Sta Dat
L 01095	PRO	3	PARKER DRILLING CO.	L 01095 APPRO	Shallow	15S	37E	02	1	4					13	670633	3657916	03/
L 01118	PRO	3	ROLAND DRILLING CO.	L 01118	Shallow	15S	37E	02	1	3					13	670229	3657912	05/
				L 01118 APPRO		15S	37E	02	1	3					13	670229	3657912	05/
L 01119	PRO	3	ROLAND DRILLING CO.	L 01119	Shallow	15S	37E	02	2	3					13	671036	3657920	07/
L 01136	PRO	3	DIXILYN DRILLING CO.	L 01136	Shallow	15S	37E	02	4	1					13	671043	3657518	05/
				L 01136 APPRO	Shallow	15S	37E	02	4	1					13	671043	3657518	05/
L 01175	PRO	3	ATLANTIC REFINING CO.	L 01175 APPRO	Shallow	15S	37E	01	3	1					13	671850	3657527	07/
L 01197	PRO	3	SHELL OIL COMPANY	L 01197 APPRO	Shallow	15S	37E	02	3	1	3				13	670135	3657409	08/
L 01204	PRO	3	MCALESTER FUEL CO.	L 01204 APPRO	Shallow	15S	37E	02	2	4	3				13	671339	3657823	0
L 01224	PRO	3	SKELLEY OIL CO.	L 01224 APPRO	Shallow	15S	37E	02	1	1					13	670222	3658314	09/
L 01284	PRO	3	ROWAN DRILLING CO.	L 01284 APPRO	Shallow	15S	37E	02	2	1					13	671029	3658322	10/
L 01285	PRO	3	ROWAN DRILLING CO.	L 01285 APPRO	Shallow	15S	37E	02	2	2					13	671433	3658326	10/
L 01293	PRO	3	THOMPSON AND CARR DRILLING CO	L 01293 APPRO	Shallow	15S	37E	03	2	2					13	669817	3658309	10/
L 01297	PRO	3	ROWMAN DRILLING CO.	L 01297 APPRO	Shallow	15S	37E	01	1	3					13	671843	3657929	11/
L 01422	PRO	3	CORBETT DRILLING CO.	L 01422 APPRO	Shallow	15S	37E	02	3	3					13	670242	3657107	04/
L 01447	PRO	3	SHELL OIL CO.	L 01447 APPRO	Shallow	15S	37E	01	1	1					13	671836	3658330	05/
L 01491	DOM	3	SHELL OIL CO.	L 01491 APPRO	Shallow	15S	37E	01	1	3					13	671843	3657929	07/
L 01575	PRO	3	GULF OIL CORPORATION	L 01575		15S	37E	03	4	2	2				13	669930	3657603	
L 01578	PRO	3	GULF OIL CO.	L 01578 APPRO	Shallow	15S	37E	03	4	2	2				13	669930	3657603	09/
L 01587	PRO	3	SHELL OIL CO. (RG. CONTR-ROWA	L 01587	Shallow	15S	37E	01	1	2					13	672239	3658336	09/
				L 01587 APPRO	Shallow	15S	37E	01	1	2					13	672239	3658336	09/
L 01637	PRO	3	PARKER DRILLING CO.	L 01637 APPRO	Shallow	15S	37E	01	3	1	1				13	671749	3657626	10/
L 01673	PRO	3	CORBETT DRILLING CO.	L 01673 APPRO	Shallow	15S	37E	02	3	4					13	670646	3657111	11/
L 01997	PRO	3	GULF OIL CORPORATION	L 01997	Shallow	15S	37E	03	4	1					13	669427	3657498	02/
				L 01997 APPRO	Shallow	15S	37E	03	4	1	2				13	669526	3657597	02/
L 02391	STK	3	J. M. DENTON	L 02391	Shallow	15S	37E	02	3	3	3				13	670141	3657006	10/

L 03929	PRO	0	DURHAM DRILLING COMPANY	L 03929	Shallow	15S	37E	01	1 4 1	13	672145	3658033	07/
				L 03929 APPRO	Shallow	15S	37E	01	1 4 1	13	672145	3658033	07/
L 07198	SAN	3	TIPPERARY RESOURCES CORP.	L 07198	Shallow	15S	37E	02	3 2 4	13	670738	3657413	04/
L 08594	PRO	0	MOSBACHER PRODUCING CO.	L 08594	Shallow	15S	37E	03	3 1 1	13	668517	3657586	11/
L 08598	PRO	0	MOSBACHER PRODUCING CO.	L 08598	Shallow	15S	37E	03	3 1 3	13	668517	3657386	11/
L 10685	SAN	3	DEVON ENERGY CORP.	L 10685		15S	37E	02	3 2	13	670639	3657514	

Record Count: 32

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 10685
Primary Purpose: SAN 72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DEVON ENERGY CORP.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	06/25/1997	PMT APR CNV	CONVERSION	L	106 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 10685		15S	37E	02	3 2				13	670639	3657514	33 2 33.83	103 10 29.16	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 08598
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: MOSBACHER PRODUCING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc		From/To	Acres	Diversion	Consumptive
72121	11/12/1981	PMT APR CNV	CONVERSION	L	085 T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 08598	Shallow	15S	37E	03	3 1 3				13	668517	3657386	33 2 34.08	103 11 47.07	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 08594
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: MOSBACHER PRODUCING CO.

Documents on File

Doc.	File/Act	Status 1 2 3	Trans Desc		From/To	Acres	Diversion	Consumptive
72121	11/05/1981	PMT APR CNV	CONVERSION	L	085 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	(qtr are biggest to smallest) Source	Tws	Rng	Sec	q	q	q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 08594	Shallow	15S	37E	03	3	1	1				13	668517	3657586	33 2 34.08	103 11 47.07	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 07198
Primary Purpose: SAN 72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: TIPPERARY RESOURCES CORP.

Documents on File

Doc	File/Act	Status	1	2	3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	04/04/1974	PMT	APR	CNV		CONVERSION	L	071 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 07198	Shallow	15S	37E	02	3	2	4				13	670738	3657413	33 2 33.83	103 10 29.16	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03929
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: DURHAM DRILLING COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/16/1958	PMT LOG ABS	L 03929	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 03929	Shallow	15S	37E	01	1	4	1				13	672145	3658033	33 2 46.56	103 9 26.97	1840' FNL, 1650' FWL
L 03929 APPRO	Shallow	15S	37E	01	1	4	1				13	672145	3658033	33 2 46.56	103 9 26.97	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02391
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: J. M. DENTON

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	10/29/1953	PMT LOG ABS	L 02391	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 02391	Shallow	15S	37E	02	3	3	3				13	670141	3657006	33 2 20.85	103 10 44.73	
L 02391 APPRO	Shallow	15S	37E	11	3	3	3				13	670172	3655397	33 1 28.6	103 10 44.61	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01997
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: GULF OIL CORPORATION

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
COWNF	03/10/1954	CHG PRC ABS	L 01997	T		3	
72121	02/26/1953	PMT LOG ABS	L 01997	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01997	Shallow	15S	37E	03	4 1				13	669427	3657498	33 2 34	103 11 15.9	
L 01997 APPRO	Shallow	15S	37E	03	4 1 2				13	669526	3657597	33 2 34	103 11 15.9	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01673
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: CORBETT DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	12/01/1952	PMT LOG ABS	L 01673	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01673 APPRO	Shallow	15S	37E	02	3 4				13	670646	3657111	33 2 20.76	103 10 29.17	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01637
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PARKER DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	10/30/1952	PMT LOG ABS	L 01637	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	(qtr are biggest to smallest X Y are in Feet Zone	X	Y	UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01637 APPRO	Shallow	15S	37E	01	3 1 1				13	671749	3657626	33 2 33.56	103 9 42.49	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01587
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: SHELL OIL CO. (RG. CONTR-ROWA

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	10/08/1952	PMT LOG ABS	L 01587	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01587	Shallow	15S	37E	01	1	2					13	672239	3658336	33 2 59.6	103 9 26.98	
L 01587 APPRO	Shallow	15S	37E	01	1	2					13	672239	3658336	33 2 59.6	103 9 26.98	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01578
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: GULF OIL CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/26/1952	PMT LOG ABS	L 01578	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01578 APPRO	Shallow	15S	37E	03	4	2	2				13	669930	3657603	33 2 33.96	103 11 .31	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01422
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: CORBETT DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/11/1952	PMT LOG ABS	L 01422	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01422 APPRO	Shallow	15S	37E	02	3	3					13	670242	3657107	33 2 20.85	103 10 44.73	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01297
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROWMAN DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	11/14/1951	PMT LOG ABS	L 01297	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01297 APPRO	Shallow	15S	37E	01	1 3				13	671843	3657929	33 2 46.61	103 9 42.49	CENTER

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01284
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROWAN DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	10/24/1951	PMT LOG ABS	L 01284	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01284 APPRO	Shallow	15S	37E	02	2	1					13	671029	3658322	33 2 59.85	103 10 13.6	CENTER

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01204
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MCALESTER FUEL CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/30/1951	PMT LOG ABS	L 01204	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01204 APPRO	Shallow	15S	37E	02	2	4	3				13	671339	3657823	33 2 46.7	103 9 58.05	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01197
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: SHELL OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	08/14/1951	PMT LOG ABS	L 01197	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	(qtr are biggest to smallest	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01197 APPRO	Shallow	15S	37E	02	3 1 3					13	670135	3657409	33 2 33.92	103 10 44.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01175
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ATLANTIC REFINING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/02/1951	PMT LOG ABS	L 01175	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01175 APPRO	Shallow	15S	37E	01	3 1				13	671850	3657527	33 2 33.56	103 9 42.49	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01136
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DIXILYN DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	06/04/1951	PMT LOG ABS	L 01136	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01136	Shallow	15S	37E	02	4	1					13	671043	3657518	33 2 33.74	103 10 13.6	
L 01136 APPRO	Shallow	15S	37E	02	4	1					13	671043	3657518	33 2 33.74	103 10 13.6	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01119
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROLAND DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/15/1951	PMT LOG ABS	L 01119	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01119	Shallow	15S	37E	02	2	3					13	671036	3657920	33 2 46.8	103 10 13.6	
L 01119 APPRO		15S	37E	08	2	3					13	666223	3656244	33 1 55.06	103 13 20.19	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01118
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROLAND DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/15/1951	PMT LOG ABS	L 01118	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01118	Shallow	15S	37E	02	1	3					13	670229	3657912	33 2 46.98	103 10 44.7	
L 01118 APPRO		15S	37E	02	1	3					13	670229	3657912	33 2 46.98	103 10 44.7	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01095
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PARKER DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/04/1951	PMT LOG ABS	L 01095	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01095 APPRO	Shallow	15S	37E	02	1	4					13	670633	3657916	33 2 46.89	103 10 29.15	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 15S Range: 37E Sections: 10,11,12

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPORT 09/19/2002

(acre ft per annum) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) X Y are in Feet UTM are in Meters)

DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Sta Dat
L 01117	PRO	3	PHILLIPS PETROLEUM COMPANY	L 01117	Shallow	15S	37E	11	2	4	3				13	671368	3656215	05/
				L 01117 APPRO	Shallow	15S	37E	11	2	4	3				13	671368	3656215	05/
L 01182	DOM	3	PHILLIPS PETROLEUM COMPANY	L 01182 APPRO	Shallow	15S	37E	11	1	1	1				13	670149	3656804	07/
L 01283	PRO	3	PHILLIPS PETROLEUM COMPANY	L 01283 APPRO	Shallow	15S	37E	11	2	3					13	671066	3656312	10/
L 01320	PRO	3	BIG CHIEF DRILLING CO.	L 01320 APPRO		15S	37E	11	4	3					13	671081	3655507	
L 01321	PRO	3	LLANO DRILLING CO.	L 01321 APPRO	Shallow	15S	37E	11	2	4					13	671469	3656316	12/
L 01322	PRO	3	CORBETT DRILLING CO.	L 01322 APPRO	Shallow	15S	37E	11	1	1	2				13	670349	3656804	01/
L 01323	PRO	3	LLANO DRILLING CO.	L 01323 APPRO	Shallow	15S	37E	11	2	4					13	671469	3656316	11/
L 01324	PRO	3	PHILLIPS PETROLEUM CO.	L 01324 APPRO	Shallow	15S	37E	11	2	1					13	671058	3656714	12/
L 01332	PRO	3	BRINKENHOFF DRILLING CO. C/O R	L 01332		15S	37E	11	2	2					13	671462	3656718	
L 01430	PRO	3	PHILLIPS PETROLEUM CO.	L 01430 APPRO	Shallow	15S	37E	11	1	2					13	670654	3656709	04/
L 01568	PRO	3	OLLIBEL C. CARD ESTATE	L 01568 APPRO	Shallow	15S	37E	12	3	1					13	671881	3655919	09/
				L 01568 CPPU	Shallow	15S	37E	12	3	1					13	671881	3655919	09/
L 01739	PRO	3	SHELL OIL CO.	L 01739	Shallow	15S	37E	10	2	2	2				13	669945	3656798	01/
				L 01739 APPRO	Shallow	15S	37E	10	2	2	2				13	669945	3656798	01/
L 02268	PRO	3	SHELL OIL CO.	L 02268	Shallow	15S	37E	10	4	2					13	669862	3655894	06/
				L 02268 APPRO	Shallow	15S	37E	10	4	2					13	669862	3655894	06/
L 02317	PRO	3	TRINITY DRILLING CO.	L 02317	Shallow	15S	37E	11	1	1					13	670250	3656705	08/
				L 02317 APPRO	Shallow	15S	37E	11	1	1					13	670250	3656705	08/
L 02391	STK	3	J. M. DENTON	L 02391 APPRO	Shallow	15S	37E	11	3	3	3				13	670172	3655397	10/
L 04956	STK	3	DICKENSON HEIRS	L 04956	Shallow	15S	37E	12	1	1					13	671865	3656723	08/
				L 04956 REPAR	Shallow	15S	37E	12	1	1	1				13	671764	3656822	09/
L 06625 (E)	PRO	0	BRAHANEY DRILLING COMPANY	L 06625 (E)	Shallow	15S	37E	12	2	2	3				13	672974	3656639	02/
L 07610	PRO	0	BRAHANEY DRILLING CO.	L 07610	Shallow	15S	37E	11	2	3					13	671066	3656312	02/
L 07665	PRO	0	INC. M.G.F. DRILLING CO.	L 07665	Shallow	15S	37E	11	4	4	4				13	671584	3655411	03/
L 09926	PRO	0	NORTH AMERICAN ROYALTIES	L 09926		15S	37E	12	4	1					13	672688	3655931	07/

Record Count: 26

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 07610
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: BRAHANEY DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	10/01/1976	PMT APR CNV	CONVERSION	L	076 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion	(qtr are biggest to smallest						X Y are in Feet			UTM are in Meters)					
POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 07610	Shallow	15S	37E	11	2	3					13	671066	3656312	33 1 54.57	103 10 13.55	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09926
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: NORTH AMERICAN ROYALTIES

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	06/26/1987	PMT APR CNV	CONVERSION	L	099 T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 09926		15S	37E	12	4 1				13	672688	3655931	33 1 41.29	103 9 11.3	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 07665
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: INC. M.G.F. DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/25/1977	PMT APR CNV	CONVERSION L	076 T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 07665	Shallow	15S	37E	11	4	4	4				13	671584	3655411	33 1 28.38	103 9 57.93	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 06625 (E)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: BRAHANEY DRILLING COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	12/10/1969	PMT APR CNV	CONVERSION L	066 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 06625 (E)	Shallow	15S	37E	12	2	2	3				13	672974	3656639	33 2 7.34	103 8 55.82	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04956
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DICKENSON HEIRS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	06/24/1976	PMT APR CNV	CONVERSION	L 049 T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 04956	Shallow	15S	37E	12	1	1					13	671865	3656723	33 2 7.46	103 9 42.45	
L 04956 REPAR	Shallow	15S	37E	12	1	1	1				13	671764	3656822	33 2 7.46	103 9 42.45	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02391
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: J. M. DENTON

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	10/29/1953	PMT LOG ABS	L 02391	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 02391	Shallow	15S	37E	02	3	3	3				13	670141	3657006	33 2 20.85	103 10 44.73	
L 02391 APPRO	Shallow	15S	37E	11	3	3	3				13	670172	3655397	33 1 28.6	103 10 44.61	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02317
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: TRINITY DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	08/25/1953	PMT LOG ABS	L 02317	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 02317	Shallow	15S	37E	11	1	1					13	670250	3656705	33 2 7.79	103 10 44.7	
L 02317 APPRO	Shallow	15S	37E	11	1	1					13	670250	3656705	33 2 7.79	103 10 44.7	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01739
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: SHELL OIL CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/15/1953	PMT LOG ABS	L 01739	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01739	Shallow	15S	37E	10	2	2	2				13	669945	3656798	33 2 7.83	103 11 .27	
L 01739 APPRO	Shallow	15S	37E	10	2	2	2				13	669945	3656798	33 2 7.83	103 11 .27	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01568
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: OLLIBEL C. CARD ESTATE

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
COWNF	03/22/1954	CHG PRC ABS	L 01568	T		3	
72121	09/19/1952	PMT LOG ABS	L 01568	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01568 APPRO	Shallow	15S	37E	12	3 1				13	671881	3655919	33 1 41.36	103 9 42.39	
L 01568 CPPU	Shallow	15S	37E	12	3 1				13	671881	3655919	33 1 41.36	103 9 42.39	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01430
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PHILLIPS PETROLEUM CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/22/1952	PMT LOG ABS	L 01430	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01430 APPRO	Shallow	15S	37E	11	1 2				13	670654	3656709	33 2 7.7	103 10 29.14	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01332
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: BRINKENHOFF DRILLING CO. C/O R

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/08/1952	PMT APR ABS	L 01332	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01332		15S	37E	11	2 2				13	671462	3656718	33 2 7.54	103 9 58.01	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01324
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PHILLIPS PETROLEUM CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/07/1952	PMT LOG ABS	L 01324	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet) UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01324 APPRO	Shallow	15S	37E	11	2	1					13	671058	3656714	33 2 7.62	103 10 13.58	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01323
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: LLANO DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/07/1952	PMT LOG ABS	L 01323	T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01323 APPRO	Shallow	15S	37E	11	2	4					13	671469	3656316	33 1 54.49	103 9 57.98	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01322
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: CORBETT DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	01/07/1952	PMT LOG ABS	L 01322	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	(qtr are biggest to smallest) Source	Tws	Rng	Sec	q	q	q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01322 APPRO	Shallow	15S	37E	11	1	1	2				13	670349	3656804	33 2 7.79	103 10 44.7	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01321
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: LLANO DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/07/1952	PMT LOG ABS	L 01321	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01321 APPRO	Shallow	15S	37E	11	2	4					13	671469	3656316	33 1 54.49	103 9 57.98	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01320
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: BIG CHIEF DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/07/1952	PMT APR ABS	L 01320	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01320 APPRO		15S	37E	11	4	3					13	671081	3655507	33 1 28.45	103 10 13.49	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01283
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PHILLIPS PETROLEUM COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	10/24/1951	PMT LOG ABS	L 01283	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	(qtr are biggest to smallest) Zone	X	Y	(X Y are in Feet UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01283 APPRO	Shallow	15S	37E	11	2 3				13	671066	3656312	33 1 54.57	103 10 13.55	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01182
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PHILLIPS PETROLEUM COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/07/1951	PMT LOG ABS	L 01182	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01182 APPRO	Shallow	15S	37E	11	1	1	1				13	670149	3656804	33 2 7.79	103 10 44.7	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01117
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PHILLIPS PETROLEUM COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1951	PMT LOG ABS	L 01117	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
(qtr are biggest to smallest X Y are in Feet UTM are in Meters)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01117	Shallow	15S	37E	11	2	4	3				13	671368	3656215	33 1 54.49	103 9 57.98	
L 01117 APPRO	Shallow	15S	37E	11	2	4	3				13	671368	3656215	33 1 54.49	103 9 57.98	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 15S Range: 37E Sections: 13,14,15

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPORT 09/19/2002

	(acre ft per annum)			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest						X Y are in Feet			UTM are in Meters)			Sta
DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Dat
L 00956	PRO	3	MCALISTER FUEL AND OIL CO.	L 00956	Shallow	15S	37E	15	2 2				13	669877	3655089	10/
L 01045	PRO	3	GUY FOR MCALESTER FUEL C BOYD	L 01045	Shallow	15S	37E	14	2 3 1				13	670996	3654802	10/
				L 01045 APPRO	Shallow	15S	37E	14	2 3 1				13	670996	3654802	10/
L 01080	PRO	3	MCALESTER FUEL CO.	L 01080 APPRO	Shallow	15S	37E	14	2 2 1				13	671392	3655209	03/
L 01110	PRO	3	GULF OIL CORPORATION	L 01110 APPRO	Shallow	15S	37E	14	2 1 1				13	670988	3655204	10/
				L 01110 CLW	Shallow	15S	37E	14	2 1 1				13	670988	3655204	
L 01199	PRO	3	GULF OIL CORP.	L 01199 APPRO	Shallow	15S	37E	14	1 4 2				13	670792	3654797	07/
L 01207	PRO	0	PARKER DRILLING CO.	L 01207 APPRO	Shallow	15S	37E	15	2 2				13	669877	3655089	07/
L 01237	PRO	3	PARKER DRILLING CO.	L 01237 APPRO	Shallow	15S	37E	15	2 2				13	669877	3655089	10/
L 02382	DOM	3	GULF REFINING COMPANY	L 02382	Shallow	15S	37E	14	2 4				13	671501	3654708	11/
				L 02382 APPRO	Shallow	15S	37E	14	2 4				13	671501	3654708	11/
L 07953	STK	3	JOE MCFALLS	L 07953	Shallow	15S	37E	15	1 4 3				13	668976	3654574	09/

Record Count: 12

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 07953
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOE MCFALLS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	07/26/1978	PMT APR CNV	CONVERSION	L	079 T		3	

Point of Diversion (qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 07953	Shallow	15S	37E	15	1	4	3				13	668976	3654574	33 1 2.58	103 11 31.26	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02382
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: GULF REFINING COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans Desc	From/To	Acres	Diversion	Consumptive
72121	10/15/1953	PMT LOG ABS	L 02382	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	(qtr are biggest to smallest Source	Tws	Rng	Sec	q	q	q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 02382	Shallow	15S	37E	14	2	4					13	671501	3654708	33 1 2.27	103 9 57.86	
L 02382 APPRO	Shallow	15S	37E	14	2	4					13	671501	3654708	33 1 2.27	103 9 57.86	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01237
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: PARKER DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	10/16/1951	PMT LOG ABS	L 01237	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)
Point of Diversion (qtr are biggest to smallest X Y are in Feet UTM are in Meters)

POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01237 APPRO	Shallow	15S	37E	15	2 2				13	669877	3655089	33 1 15.57	103 11 .15	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01207
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: PARKER DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/04/1951	PMT LOG ABS	L 01207	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	(qtr are biggest to smallest Source	Tws	Rng	Sec	q	q	q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 01207 APPRO	Shallow	15S	37E	15	2	2					13	669877	3655089	33 1 15.57	103 11 .15	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 00956
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MCALISTER FUEL AND OIL CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	11/03/1949	PMT LOG ABS	L 00956	T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	(qtr are biggest to smallest) Source	Tws	Rng	Sec	q	q	q	X Y are in Feet Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 00956	Shallow	15S	37E	15	2	2					13	669877	3655089	33 1 15.57	103 11 .15	