AP - 016

STAGE 1 & 2 WORKPLANS

DATE:
July 2002

ADDITIONAL SUBSURFACE INVESTIGATION REPORT
AND
STAGE 2 ABATEMENT PLAN

AP-16

EOTT ENERGY CORP
BOB DURHAM RELEASE SITE
NW ¼ NW ¼ Section 32 Township 19 South Range 37 East
NE ¼ NE ¼ Section 31 Township 19 South Range 37 East
Longitude 32° 37' 27.9" North
Latitude 103° 16' 53.2" West
LEA COUNTY, NEW MEXICO

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

Environmental Technology Group, Inc. Project No. EO2044

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July 2002

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1.0 INTRODUCTION AND SITE BACKGROUND

The site is located approximately two miles west of the town of Monument, New Mexico in the NW ¼ of the NW ¼ of Section 32, Township 19 South, Range 37 East, and the NE ¼ of the NE ¼ of Section 31, Township 19 South, Range 37 East at Longitude 32° 37' 27.9" North, Latitude 103° 16' 53.2" West. A site location map is provided as Figure 1. Prior to the involvement of Environmental Technology Group, Inc (ETGI), EOTT Energy Corp. (EOTT) detected evidence of a pipeline release during excavation work intended to access the pipeline in order to insert a polyethylene liner along the subject portion of the pipeline. The release point is located on the eastern most pipeline of two parallel pipelines shown on Figure 2, both of which transport crude oil and are currently owned and operated by EOTT.

During the initial response to the above referenced release, an estimated 2,000 cubic yards of impacted soil was excavated and removed from the area immediately north of New Mexico State Road 322. EOTT personnel indicate that the soil was taken to J&L Landfarm, located near Eunice, New Mexico. The resulting excavation measured approximately 130 feet long by 60 feet wide with the deepest extent of excavation approximately 16 feet Below Ground Surface (bgs).

As of June 28, 2000, 39 soil borings were advanced at the site, 36 of which were subsequently completed as monitor wells. The soil chemistry data is included as Table 1. The location of all borings and monitor wells are depicted on Figure 2. A water well search was performed of the New Mexico Office of the State Engineer's water well database and is included in this report for your convenience as Appendix C. Data collected from the site during initial site characterization activities are summarized in the Subsurface Investigation Report, dated March 2001. ETGI, acting for EOTT, is submitting this Stage II Abatement Plan to document remedial actions completed at the site since March 2001, and to propose additional response actions designed to fulfill requirements to complete site delineation and achieve closure as set forth by the State of New Mexico under New Mexico Administrative Code (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* dated August 1993.

A review of data included in the report dated March 2001 indicated the following:

- Soil impacted above regulatory levels was present in eight monitor wells and one soil boring, the highest contaminant concentration level detected was encountered at monitor well MW-1 location (approximately 5 feet bgs);
- The soil column consisted primarily of loose sands and caliche unconformably overlying a horizon of red clay;
- Groundwater at the site occurs at a depth of approximately 16 feet bgs;
- The groundwater gradient at the site slopes to the south at approximately 0.002 ft/ft on the north side of State Road 322, and 0.016 ft/ft on the south side of the road;
- Dissolved phase hydrocarbon concentrations were detected in eleven monitor wells, four of which (monitor wells MW-3, MW-9, MW-11 and MW-13) were above the NMOCD standard for benzene;
- Phase separated hydrocarbons (PSH) were detected in eleven of the monitor wells (MW-

1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-8 MW-12, MW-16, MW-23 and MW-32) with the greatest thickness detected monitor well MW-12 (1.39 feet on February 2000).

2.0 RECENT FIELD ACTIVITIES

Gauging data indicates the presence of PSH in eleven groundwater monitor wells, MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-8, MW-12, MW-16, MW-23, and MW-32 as shown on Figure 3. The thickness of PSH ranged from 0.65 feet in monitor well MW-4 to 0.04 feet in monitor well MW-2 (Table 2). An automated PSH recovery system was installed in monitor wells MW-5, MW-7, MW-12 and MW-16 and has been operational since May of 2000. This system allows PSH to be removed from the monitor wells on a 24-hour basis with minimal groundwater recovery. Product is recovered from the remaining monitor wells impacted by PSH on a weekly basis. The monitor wells in which PSH has been detected are confined to an area approximately 390 feet by 420 feet with the exception of monitor well MW-32, that is approximately 300 feet south of monitoring well MW-12. Therefore, additional monitor wells and soil borings should be installed in the area surrounding monitoring well MW-32 to delineate the extent of PSH impact in the subsurface. Recovered PSH is stored in a polytank until it is reintroduced into the EOTT transportation system at the Lea Station Facility in Monument, New Mexico. As of May 1, 2002, approximately 10,866 gallons of PSH have been recovered from the subsurface. The remaining site monitor wells are monitored for the presence of PSH on a monthly basis, and gauged and sampled on a quarterly monitoring schedule.

Historical analytical documentation indicates dissolved phase petroleum constituents have been detected in eleven monitor wells. On March 25, 2002 dissolved phase petroleum constituents were present in five monitor wells (monitor wells MW-3, MW-10, MW-11, MW-13, and MW-31) as shown on Figure 5. Analytical data indicate groundwater in monitor wells MW-3, MW-10, and MW-13 are above the regulatory standard for benzene. Benzene concentrations detected in groundwater samples from the remaining monitor wells were below the regulatory standard for benzene. These results are shown on Table 3.

The groundwater monitor wells are sampled on a quarterly basis to assess the levels and extent of dissolved phase hydrocarbon constituents. Quarterly sampling events for the year 2001 were conducted on March 21, June 5, September 26, and November 24, 2001. Groundwater samples were submitted for the analysis of benzene, toluene, ethylbenzene and xylenes (BTEX) in accordance with EPA Method 8020 and extraction method 5030. The groundwater gradient measured on March 25, 2002 indicated a general slope of approximately 0.013 ft/ft to the south as calculated between monitor wells MW-4 and MW-32. Cumulative groundwater elevations are shown on Table 2. Cumulative groundwater chemistry is included as Table 3. A groundwater gradient map, constructed with data obtained March 25, 2002 is provided as Figure 4. Both soil and groundwater laboratory reports are included in Appendix B.

3.0 ABATEMENT OPTIONS

3.1 Soil Remediation

Abatement of impacted soil at the site is technically feasible using the following technologies:

- Excavation and Disposal

- Excavation and On–site Treatment
- In-situ Oxidation
- Soil Vapor Extraction
- Bioremediation/Bioventing

Excavation of impacted soil would require the removal of significant volumes of clean soil to provide access to impacted soil in the capillary fringe and extensive terracing to maintain a reasonable slope on the sidewalls of the excavation. Excavation would be required on the north and south sides of New Mexico Sate Highway 322 (leaving a significant volume of impacted soil remaining below the right-of-way) and near the private property located adjacent to the site boundaries as indicated on Figure 2. The estimated soil volume that would be excavated and disposed under this option is approximately 32,000 cubic yards. Given the site location, expected excavation configuration, and transportation and disposal costs to an NMOCD approved land farm, the relative cost of this option makes it a non-viable remediation alternative.

The second excavation option would consist of excavation and treatment ex-situ on-site until confirmation sampling indicated that remedial activities have achieved the clean-up goals as determined for this site. It is estimated that land farming in conjunction with nutrient enhancement activities will achieve site cleanup goals in a reasonable time frame. This treatment has proven successful when utilized at sites impacted by similar hydrocarbon releases. Backfilling of the excavation utilizing the treated soil and site reseeding would conclude the soil remediation. Excavation would be required on the north and south sides of US Highway 322 (leaving a significant volume of impacted soil remaining below the right-of-way) and near the private property located adjacent to the site boundaries as indicated on Figure 2. This is a viable option for all or part of the impacted soil associated with the release contingent upon approval from NMOCD to allow impacted soil under New Mexico State Highway 322 right-of-way to remain in place.

Chemical oxidation in-situ of contaminants within the vadose zone is not considered a viable option at the site. Heterogeneous site lithology, specifically irregularly occurring, well-indurated caliche units would inhibit delivery of chemical oxidants prohibiting access too much of the contaminated soils. Also, concentrations of the contaminant of concern make the necessary volume of oxidants required prohibitively excessive.

Soil Vapor Extraction (SVE) is a viable option for all or a portion of the vadose zone contamination at the site. Advantages of SVE include the ability to target the impacted soils, site soil permeability and the square footage extent of contaminant in relation to a large volume of uncontaminated soil lying above the affected zone. However, these systems are more effective on more volatile constituents such as those present in refined gasoline. To determine the effectiveness and efficiencies of this technology, pilot testing must be conducted to determine the field of influence of SVE extraction wells and anticipated influent vapor concentrations. During pilot testing, wellhead vacuum will be closely monitored and varied according to required test conditions. Depending upon results achieved it is expected that the duration of the pilot test program will be approximately 12 to 24 months. Analysis of the pilot testing results will be used to design and subsequently install a remediation system utilizing the SVE technology. Details of system configuration and operation and maintenance requirements will also be determined from analysis of the pilot testing.

The fourth technology considered at this site is bioventing. Bioventing is an in-situ remediation technology that uses indigenous microorganisms to biodegrade organic constituents adsorbed to soils in the unsaturated zone. Additional soil and groundwater sampling will be conducted to access the indigenous microorganisms populations at the site. Analysis of this data will determine if bioventing technology is applicable on this site.

3.2 Groundwater Remediation

Regardless of the technology selected to remediate dissolved phase petroleum constituents in the groundwater, completion of the removal of free phase crude oil on the groundwater is necessary. At this time the PSH is being removed utilizing an automated PSH recovery system. Upon completion of PSH recovery action abatement of the impacted groundwater on-site would be feasible.

The removal of dissolved phase petroleum constituents is technically feasible using the following technologies:

- Groundwater Pump and Treat System
- Air Sparging and Vapor Extraction
- Human-Health Based Risk Assessment

The pump and treat system utilizes air strippers, granulated activated carbon, ultraviolet radiation or other COC removal technologies has been disappointing at sites similar to the subject site. The volume of pumped water required to create a stable cone of depression on the water table needed to attract impacted groundwater toward the recovery well(s) in sandy material is significant.

One of two scenarios typically develops when employing this technology. Either the volume of water moved is inadequate to control the water table and the dissolved phase plume is not captured, or the required amount of water is moved and the volume of water overwhelms the treatment system. Also, the water table rapidly returns to its natural state when the system is down for repair or maintenance, resulting in periodic loss of control of the plume. It is difficult to estimate the required duration of these systems and the associated maintenance cost. A condition referred to as rebound frequently occurs at pump and treat sites following system shut down. The process of obtaining hydraulic control at a site with a pump and treat system necessarily entails a lowering of the water table on site. Hydrocarbon materials remain bound to the soil as the groundwater elevations are lowered. When groundwater levels return to normal levels following system shut down the residual hydrocarbon materials trapped in the soil are liberated by the rising water levels and reimpact the site groundwater.

Air Sparging (AS) is commonly utilized in conjunction with Vacuum/Vapor Extraction technologies (AS/VE). Systems. This would be a technically feasible combination at this site. Air Sparging is a technology for injecting air below the water table. This technology remediates the groundwater by stripping or volatilizing the BTEX constituents out of the dissolved phase and also by increasing in-situ biodegradation by 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 cap fringe zone 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. This treatment technique would effectively restrict continued plume migration. As referenced in Section 3.1 of this report a pilot test must be conducted for this system to determine the effectiveness and efficiencies of this technology. The pilot testing for the SVE and AS systems will be conducted simultaneously. A long-term groundwater monitoring program would be conducted to confirm plume stabilization and to monitor dissolved phase BTEX constituents.

Three Air Sparging systems would be required at the site to successfully remediate the dissolved phase plume. A small system would be installed in the area of groundwater monitoring well MW-32, a medium size system would be required in the area of groundwater monitoring well MW-12 and a large system would be required on the north side of US Highway 322. The air sparging injection wells would be oriented in a field in which the injection wells would be spaced approximately fifty feet apart surrounding the dissolved phase plume in each of the three locations, as indicated in Figure 6. The two-inch, schedule forty PVC injection wells will penetrate the saturated zone with approximately ten to fifteen feet of fully immersed, 0.010-inch slotted pipe. Air compressors would be utilized to generate the required air pressure for the injection wells. The vapor recovery well field design is analogous to that of the injection well configuration with exception that the terminus of these wells will be located in the approximate capillary fringe zone. 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 shot-off valves on both sides of the carbon unit.

The final technology selected to meet NMOCD regulatory standards at this site is the 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.

In order to prevent subsequent unintended or accidental human exposure to petroleum hydrocarbon constituents remaining on-site the area defined following completion of plume delineation activities well be deed restricted for future considerations of development or improvements in the county clerks office, Lovington, Lea County, New Mexico.

4.0 REMEDIAL RECOMMENDATIONS

4.1 Soil Remediation

In order to remediate the petroleum impacted soil, ETGI recommends excavating the soil and treating ex-situ on-site until confirmation sampling indicates that remedial activities have achieved clean-up goals as determined by NMOCD *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 1993. The estimated soil volume that will be excavated and subsequently land farmed at the site is approximately 32,000 cubic yards. The impacted soils would be excavated, shredded, blended and nutrients added. Land farming in conjunction with

nutrient enhancement activities will continue until site cleanup goals are achieved. At that time the excavated area would be backfilled with the treated soils and the surface would be re-seeded with native grasses.

4.2 Groundwater Remediation

ETGI recommends the removal of PSH on the groundwater at the site continue. At this time the PSH is being removed utilizing an automated PSH recovery system. This system allows PSH to be removed from the monitor wells on a 24-hour basis with minimal groundwater recovery. Upon completion of the removal of PSH on the groundwater, the remediation of dissolved phase constituents in the groundwater would be feasible.

In order to reduce the dissolved phase constituents, ETGI recommends an Air Sparging and Vapor Extraction System be installed at the site. This system as described in Section 3.2 of this report will be utilized to reduce the concentrations of dissolved phase constituents to acceptable levels as defined by the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 1993.

5.0 MONITORING PROGRAM

During and subsequent to the recommended remedial activities, the groundwater elevations in all site monitoring wells will be gauged and monitored for the presence of PSH on a monthly basis. All of the site monitoring wells will be sampled quarterly and the samples will be submitted for the analysis of BTEX (EPA Method 8020, 5030). An annual report will be provided with a summary of all field activities and data results. The following developments at the site will warrant timely agency notification interim to the annual report:

- The detection of COCs in currently non-impacted monitoring wells for two consecutive monitoring periods;
- The detection of PSH in any well in which PSH has not been present previously;
- The recurrence of PSH in any well in which PSH was removed during remedial activities.

The monitoring plan will continue until such time that site closure is granted by the appropriate regulatory agency. Significant trends in COC concentrations or other significant developments at the site may have a bearing on the timing of a closure request.

6.0 QA/QC PROCEDURES

6.1 Soil Sampling

Samples of subsurface soils will be obtained utilizing either a split spoon sampler (air rotary drilling rig) or a two-inch, continuous sampling tube with a clean polybuterate liner (geoprobe). Representative soil samples will be divided into two separate portions using clean, disposable gloves and clean sampling tools. One portion of the soil sample will be placed in a disposable sample bag. The bag will be labeled and sealed for head-space analysis using a PID calibrated to

a 100 ppm isobutylene standard. Each sample will be allowed to volatilize for approximately thirty minutes at ambient temperature prior to conducting the analysis.

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

Soil samples will be delivered to Environmental Lab of Texas, Inc. in Odessa, Texas for BTEX and TPH analyzes using the methods described below. Soil samples will be analyzed for BTEX and TPH-DRO within fourteen days following the collection date.

The soil samples will be analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8020, 5030
- TPH concentrations in accordance with modified EPA Method 8015-GRO/DRO

6.2 Groundwater Sampling

Monitoring wells will be developed and purged with a clean PVC bailer. The bailer will be cleaned prior to each use with Liqui-Nox detergent and rinsed with distilled water. Monitoring wells with sufficient recharge will be purged by removing a minimum of three well volumes. Monitoring wells that do not recharge sufficiently will be purged until no additional groundwater can be obtained.

After purging the wells, groundwater samples will be collected with a disposable Teflon sampler and polyethylene line by personnel wearing clean, disposable gloves. Groundwater sample containers will be 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 will be placed in 40 ml glass VOA vials equipped with Teflon-lined caps. The containers will be 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.

Groundwater samples collected for PAH analysis will be filled to capacity in sterile, 1 liter glass containers equipped with Teflon-lined caps. Groundwater samples collected for metals analysis will be filled to capacity in sterile, 1-liter plastic containers equipped with Teflon-lined caps. The analytical laboratory will provide the pre-cleaned, preserved containers.

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

The groundwater samples will be analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8020, 5030
- TPH concentrations in accordance with modified EPA Method 8015-GRO/DRO

6.3 Decontamination Of Equipment

Cleaning of drilling equipment will be the responsibility of the drilling company. In general, the cleaning procedures will consist 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 will be cleaned with Liqui-Nox detergent and rinsed with distilled water.

6.4 Laboratory Protocol

The laboratory will be responsible for proper QA/QC procedures. These procedures will either be transmitted with the laboratory reports or on file at the laboratory.

7.0 SCHEDULE OF ACTIVITIES

The removal of free phase product at the site is ongoing. Monitoring of the reduction of PSH at the site and system operations will be conducted on a weekly basis. Quarterly monitoring of the site groundwater monitoring wells and annual reporting will continue.

8.0 LIMITATIONS

Environmental Technology Group, Inc. has prepared this Additional Subsurface Investigation Report and Stage 2 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 Energy Corp. 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 Energy Corp.

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Pat Caperton
Quality Control Review

TABLES

TABLE 1

SUMMARY OF SOIL CHEMISTRY

EOTT ENERY CORPORATION
BOB DURHAM
MONUMENT, NEW MEXICO
ETGI PROJECT #EOT2044C

All concentrations are in mg/kg

			SW 846-8015M		SW 846-8021B, 5030				
SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH	GRO	DRO	BENZENE	TOLUENE	ETHYL-BENZENE	M,P,-XYLENES	O-XYLENES
MW-1	01/25/00	5'	1838	3661	2.51	13.7	13.2	51.5	17.3
	01/25/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-2	01/25/00	5'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
	01/25/00	15'	<10	26	<0.100	0.106	<0.100	0.129	<0.100
MW-3	01/25/00	15'	<10	29	<0.100	0.143	<0.100	0.15	<0.100
MW-4	01/25/00	15'	<10	<10	<0.100	0.105	<0.100	<0.100	<0.100
MW-5	01/25/00	15'	11	210	<0.100	<0.100	<0.100	0.167	<0.100
MW-6	01/25/00	15'	<10	37	<0.100	<0.100	<0.100	<0.100	<0.100
MW-7	01/26/00	15'	49	420	<0.100	0.168	0.17	0.72	0.383
MW-8	01/26/00	15'	<10	124	<0.100	<0.100	<0.100	0.131	<0.100
MW-9	01/26/00	15'	<10	<10	<0.100	0.452	0.312	0.978	0.583
MW-10	01/26/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-11	01/26/00	20'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-12	01/26/00	15'	694	2807	<0.100	1.10	1.57	6.16	3.16
	01/26/00	20'	104	863	<0.100	1.30	0.513	2.59	1.46
MW-13	01/27/00	5'	<10	<10	<0.100	0.110	<0.100	<0.100	<0.100
	01/27/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-14	01/27/00	15'	<10	<10	<0.100	0.216	0.243	0.264	0.143
MW-15	01/27/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-16	01/27/00	5'	<10	<10	<0.100	0.114	0.107	0.314	0.262
	01/27/00	10'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
	01/27/00	15'	794	2032	0.942	1.38	2.07	7.78	3.25
MW-17	02/07/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-18	02/07/00	20'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-19	02/09/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-20	02/09/00	15'	<10	<10	<0.100	0.264	0.153	0.272	0.129
MW-21	02/10/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-22	02/10/00	15'	<10	349	<0.100	<0.100	<0.100	<0.100	<0.100
MW-23	02/10/00	15'	<10	349	<0.100	<0.100	<0.100	<0.100	<0.100
	02/10/00	20'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-24	02/10/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-25	02/10/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
MW-26	06/07/00	5'	<10	<10					
	06/07/02	10'	<10	<10					
	06/07/02	15'	<10	<10					
	06/07/02	20'	<10	<10					
	06/07/02	29'	<10	<10					

TABLE 1 (CONT'D)

All concentrations are in mg/kg

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH	SW 846-8015M		SW 846-8021B, 5030				
			GRO	DRO	BENZENE	TOLUENE	ETHYL-BENZENE	M,P,-XYLENES	O-XYLENES
MW-27	06/07/00	5'	<10	<10					
	06/07/00	10'	<10	<10					
	06/07/00	15'	<10	<10					
	06/07/00	20'	<10	<10					
	06/07/00	27'	<10	<10					
	06/07/00	29'	<10	<10					
MW-28	06/26/00	0-2'	<10	<10					
	06/26/00	3-5'	<10	<10					
	06/26/00	8-10'	<10	<10					
	06/26/00	13-15'	<10	<10					
	06/26/00	18-20'	<10	<10					
	06/26/00	23-25'	<10	<10					
MW-29	06/26/00	0-2'	<10	17					
	06/26/00	3-5'	<10	<10					
	06/26/00	8-10'	<10	<10					
	06/26/00	13-15'	<10	10					
	06/26/00	18-20'	<10	<10					
	06/26/00	23-25'	<10	<10					
MW-30	06/26/00	0-2'	<10	22					
	06/26/00	3-5'	<10	<10					
	06/26/00	8-10'	<10	<10					
	06/26/00	13-15'	<10	<10					
	06/26/00	18-20'	<10	<10					
	06/26/00	23-25'	<10	<10					
MW-31	06/30/00	0-2'	<10	<10					
	06/30/00	3-5'	<10	<10					
	06/30/00	8-10'	<10	<10					
	06/30/00	13-15'	<10	<10					
	06/27/00	18-20'	<10	<10					
	06/27/00	21-23'	<10	<10					
MW-32	06/27/00	0-2'	<10	<10					
	06/27/00	3-5'	<10	<10					
	06/27/00	8-10'	<10	18					
	06/27/00	13-15'	<10	43					
	06/27/00	18-20'	<10	<10					
	06/27/00	23-25'	<10	<10					
MW-33	06/27/00	0-2'	<10	<10					
	06/27/00	3-5'	<10	<10					
	06/27/00	8-10'	<10	<10					
	06/27/00	13-15'	<10	<10					
	06/27/00	18-20'	<10	<10					
	06/27/00	23-25'	<10	<10					

TABLE 1 (CONT'D)

All concentrations are in mg/kg

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH	SW 846-8015M		SW 846-8021B, 5030				
			GRO	DRO	BENZENE	TOLUENE	ETHYL-BENZENE	M,P,-XYLENES	O-XYLENES
MW-34	06/28/00	0-2'	<10	<10					
	06/28/00	3-5'	<10	<10					
	06/28/00	8-10'	<10	<10					
	06/28/00	13-15'	<10	<10					
	06/28/00	18-20'	<10	<10					
	06/28/00	23-25'	<10	<10					
MW-35	06/28/00	0-2'	<10	<10					
	06/28/00	3-5'	<10	<10					
	06/28/00	8-10'	<10	<10					
	06/28/00	13-15'	<10	<10					
	06/28/00	18-20'	<10	<10					
	06/28/00	23'	<10	<10					
MW-36	06/28/00	0-2'	<10	<10					
	06/28/00	3-5'	<10	<10					
	06/28/00	8-10'	<10	<10					
	06/28/00	13-15'	<10	<10					
	06/28/00	18-20'	<10	<10					
	06/28/00	23'	<10	<10					
SB - 1	01/28/00	15'	<10	17	<0.100	<0.100	<0.100	0.115	<0.100
SB - 2	02/09/00	5'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
SB - 2	02/09/00	15'	<10	<10	<0.100	<0.100	<0.100	0.190	<0.100
SB - 3	02/09/00	10'	14	449	<0.100	<0.100	<0.100	0.184	<0.100
SB - 3	02/09/00	15'	<10	<10	<0.100	<0.100	<0.100	<0.100	<0.100
SB - 4	06/17/02	15'	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025
	06/17/02	20'	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025

TABLE 2

GROUND WATER ELEVATION
HISTORICAL TABLE

EOTT ENERGY CORPORATION
BOB DURHAM
MONUMENT, NEW MEXICO
ETGI PROJECT # EOT 2044C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/16/00	3,595.43	15.60	15.71	0.11	3,579.81
	06/09/00	3,595.43	15.54	15.60	0.06	3,579.88
	09/19/00	3,595.43	14.97	15.05	0.08	3,580.45
	12/19/00	3,595.43	14.97	15.05	0.08	3,580.45
	03/21/01	3,595.43	15.16	15.30	0.14	3,580.25
	06/05/01	3,595.43	15.34	15.50	0.16	3,580.07
	09/26/01	3,595.43	15.21	15.32	0.11	3,580.20
	11/24/01	3,595.43	15.24	15.39	0.15	3,580.17
	03/25/02	3,595.43	15.08	15.17	0.09	3,580.34
MW - 2	02/16/00	3,595.64	15.47	15.76	0.29	3,580.13
	06/09/00	3,595.64	15.52	15.81	0.29	3,580.08
	09/19/00	3,595.64	15.19	15.23	0.04	3,580.44
	12/19/00	3,595.64	15.19	15.23	0.04	3,580.44
	03/21/01	3,595.64	15.42	15.55	0.13	3,580.20
	06/05/01	3,595.64	15.62	15.97	0.35	3,579.97
	09/26/01	3,595.64	15.45	15.72	0.27	3,580.15
	11/24/01	3,595.64	15.52	15.86	0.34	3,580.07
	03/25/02	3,595.64	15.38	15.42	0.04	3,580.25
MW - 3	02/16/00	3,596.22	-	15.51	0.00	3,580.71
	06/09/00	3,596.22	-	15.57	0.00	3,580.65
	09/19/00	3,596.22	-	15.25	0.00	3,580.97
	12/19/00	3,596.22	-	15.38	0.00	3,580.84
	03/21/01	3,596.22	-	15.36	0.00	3,580.86
	06/05/01	3,596.22	-	15.40	0.00	3,580.82
	09/26/001	3,596.22	-	15.38	0.00	3,580.84
	11/24/01	3,596.22	-	15.52	0.00	3,580.70
	03/25/02	3,596.22	-	15.44	0.00	3,580.78
MW - 4	02/16/00	3,596.60	15.90	16.70	0.80	3,580.58
	06/09/00	3,596.60	15.85	16.78	0.93	3,580.61
	09/19/00	3,596.60	15.66	15.66	0.00	3,580.94
	12/19/00	3,596.60	15.77	16.69	0.92	3,580.69
	03/21/01	3,596.60	15.83	16.67	0.84	3,580.64
	06/05/01	3,596.60	15.83	16.53	0.70	3,580.67
	09/26/01	3,596.60	15.91	16.69	0.78	3,580.57
	11/24/01	3,596.60	15.94	16.75	0.81	3,580.54
	03/25/02	3,596.60	15.86	16.51	0.65	3,580.64

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	02/16/00	3,596.56	17.30	17.38	0.08	3,579.25
	06/09/00	3,596.56	17.37	17.68	0.31	3,579.14
	09/19/00	3,596.56	16.88	16.88	0.00	3,579.68
	12/19/00	3,596.56	17.21	17.59	0.38	3,579.29
	03/21/01	3,596.56	17.18	17.67	0.49	3,579.31
	06/05/01	3,596.56	17.13	18.85	1.72	3,579.17
	09/26/01	3,596.56	17.22	18.81	1.59	3,579.10
	11/24/01	3,596.56	17.25	18.96	1.71	3,579.05
	03/25/02	3,596.56	17.30	17.39	0.09	3,579.25
MW - 6	02/16/00	3,596.66	15.10	15.33	0.23	3,581.53
	06/09/00	3,596.66	15.46	15.52	0.06	3,581.19
	09/19/00	3,596.66	14.82	14.82	0.00	3,581.84
	12/19/00	3,596.66	14.82	14.82	0.00	3,581.84
	03/21/01	3,596.66	15.06	15.22	0.16	3,581.58
	06/05/01	3,596.66	15.03	15.32	0.29	3,581.59
	09/26/01	3,596.66	15.11	15.34	0.23	3,581.52
	01/24/01	3,596.66	15.15	15.44	0.29	3,581.47
	03/25/02	3,596.66	15.05	15.19	0.14	3,581.59
MW - 7	02/16/00	3,596.96	17.67	18.58	0.91	3,579.15
	06/09/00	3,596.96	17.74	18.41	0.67	3,579.12
	09/19/00	3,596.96	17.20	17.20	0.00	3,579.76
	12/19/00	3,596.96	17.72	17.48	-0.24	3,579.28
	03/21/01	3,596.96	17.68	17.99	0.31	3,579.23
	06/05/01	3,596.96	17.79	18.20	0.41	3,579.11
	09/26/01	3,596.96	17.76	18.03	0.27	3,579.16
	11/24/01	3,596.96	17.90	18.33	0.43	3,579.00
	03/25/02	3,596.96	17.58	17.74	0.16	3,579.36
MW - 8	02/16/00	3,597.35	16.83	17.12	0.29	3,580.48
	06/09/00	3,597.35	16.90	17.13	0.23	3,580.42
	09/19/00	3,597.35	16.60	16.60	0.00	3,580.75
	12/19/00	3,597.35	16.60	16.60	0.00	3,580.75
	03/21/01	3,597.35	16.81	17.07	0.26	3,580.50
	06/05/01	3,597.35	16.81	16.88	0.07	3,580.53
	09/26/01	3,597.35	16.91	16.93	0.02	3,580.44
	11/24/01	3,597.35	16.91	16.98	0.07	3,580.43
	03/25/02	3,597.35	16.85	16.97	0.12	3,580.48
MW - 9	02/16/00	3,593.95	-	18.23	0.00	3,575.72
	06/09/00	3,593.95	-	18.20	0.00	3,575.75
	09/19/00	3,593.95	-	18.22	0.00	3,575.73
	12/19/00	3,593.95	-	18.23	0.00	3,575.72
	03/21/01	3,593.95	-	18.19	0.00	3,575.76
	06/05/01	3,593.95	-	18.18	0.00	3,575.77
	09/26/01	3,593.95	-	18.20	0.00	3,575.75
	11/24/01	3,593.95	-	18.22	0.00	3,575.73
	03/25/02	3,593.95	-	18.21	0.00	3,575.74

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	02/16/00	3,594.57	-	20.32	0.00	3,574.25
	06/09/00	3,594.57	-	20.41	0.00	3,574.16
	09/19/00	3,594.57	-	20.21	0.00	3,574.36
	12/19/00	3,594.57	-	20.36	0.00	3,574.21
	03/21/01	3,594.57	-	20.40	0.00	3,574.17
	06/05/01	3,594.57	-	20.28	0.00	3,574.29
	09/26/01	3,594.57	-	20.38	0.00	3,574.19
	11/24/01	3,594.57	-	20.50	0.00	3,574.07
	03/25/02	3,594.57	-	20.34	0.00	3,574.23
MW - 11	02/16/00	3,593.77	-	19.37	0.00	3,574.40
	06/09/00	3,593.77	-	19.45	0.00	3,574.32
	09/19/00	3,593.77	-	19.58	0.00	3,574.19
	12/19/00	3,593.77	-	19.33	0.00	3,574.44
	03/21/01	3,593.77	-	19.33	0.00	3,574.44
	06/05/01	3,593.77	-	19.41	0.00	3,574.36
	09/26/01	3,593.77	-	19.32	0.00	3,574.45
	11/24/01	3,593.77	-	19.05	0.00	3,574.72
	03/25/02	3,593.77	-	18.82	0.00	3,574.95
MW - 12	02/16/00	3,596.39	18.82	20.21	1.39	3,577.36
	06/09/00	3,596.39	18.55	18.91	0.36	3,577.79
	09/19/00	3,596.39	18.48	18.86	0.38	3,577.85
	12/19/00	3,596.39	18.55	18.91	0.36	3,577.79
	03/21/01	3,596.39	8.68	18.85	10.17	3,586.18
	06/05/01	3,596.39	18.67	18.85	0.18	3,577.69
	09/26/01	3,596.39	18.65	19.12	0.47	3,577.67
	11/24/01	3,596.39	18.77	19.01	0.24	3,577.58
	03/25/02	3,596.39	18.58	18.98	0.40	3,577.75
MW - 13	02/16/00	3,592.71	-	19.59	0.00	3,573.12
	06/09/00	3,592.71	-	19.61	0.00	3,573.10
	09/19/00	3,592.71	-	19.56	0.00	3,573.15
	12/19/00	3,592.71	-	19.60	0.00	3,573.11
	03/21/01	3,592.71	-	19.58	0.00	3,573.13
	06/05/01	3,592.72	-	19.57	0.00	3,573.15
	09/26/01	3,592.71	-	19.62	0.00	3,573.09
	11/24/01	3,592.71	-	19.65	0.00	3,573.06
	03/25/02	3,592.71	-	19.65	0.00	3,573.06
MW - 14	02/16/00	3,592.73	-	19.53	0.00	3,573.20
	06/09/00	3,592.73	-	19.57	0.00	3,573.16
	09/19/00	3,592.73	-	19.45	0.00	3,573.28
	12/19/00	3,592.73	-	19.49	0.00	3,573.24
	03/21/01	3,592.73	-	19.58	0.00	3,573.15
	06/05/01	3,592.73	-	19.58	0.00	3,573.15
	09/26/01	3,592.73	-	19.72	0.00	3,573.01
	11/24/01	3,592.73	-	19.84	0.00	3,572.89
	03/25/02	3,592.73	-	19.66	0.00	3,573.07

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	02/16/00	3,595.93	-	18.54	0.00	3,577.39
	06/09/00	3,595.93	-	18.30	0.00	3,577.63
	09/19/00	3,595.93	-	18.11	0.00	3,577.82
	12/19/00	3,595.93	-	18.25	0.00	3,577.68
	03/21/01	3,595.93	-	18.28	0.00	3,577.65
	06/05/01	3,595.93	-	18.12	0.00	3,577.81
	09/26/01	3,595.93	-	18.25	0.00	3,577.68
	11/24/01	3,595.93	-	18.37	0.00	3,577.56
	03/25/02	3,595.93	-	18.22	0.00	3,577.71
MW - 16	02/16/00	3,595.75	16.53	17.01	0.48	3,579.15
	06/09/00	3,595.75	16.89	17.08	0.19	3,578.83
	09/19/00	3,595.75	16.41	16.53	0.12	3,579.32
	12/19/00	3,595.75	-	16.65	0.00	3,579.10
	03/21/01	3,595.75	16.87	16.98	0.11	3,578.86
	06/05/01	3,595.75	16.97	17.23	0.26	3,578.74
	09/26/01	3,595.75	16.50	16.72	0.22	3,579.22
	11/24/01	3,595.75	17.08	17.34	0.26	3,578.63
	03/25/02	3,595.75	16.38	16.45	0.07	3,579.36
MW - 17	02/16/00	3,593.17	-	18.24	0.00	3,574.93
	06/09/00	3,593.17	-	18.27	0.00	3,574.90
	09/19/00	3,593.17	-	18.21	0.00	3,574.96
	12/19/00	3,593.17	-	18.24	0.00	3,574.93
	03/21/01	3,593.17	-	18.24	0.00	3,574.93
	06/05/01	3,593.17	-	18.19	0.00	3,574.98
	09/26/01	3,593.17	-	18.27	0.00	3,574.90
	11/24/01	3,593.17	-	18.29	0.00	3,574.88
	03/25/02	3,593.17	-	18.25	0.00	3,574.92
MW - 18	02/16/00	3,593.39	-	18.65	0.00	3,574.74
	06/09/00	3,593.39	-	18.79	0.00	3,574.60
	09/19/00	3,593.39	-	18.65	0.00	3,574.74
	12/19/00	3,593.39	-	18.65	0.00	3,574.74
	03/21/01	3,593.39	-	18.65	0.00	3,574.74
	06/05/01	3,593.39	-	18.67	0.00	3,574.72
	09/26/01	3,593.39	-	18.80	0.00	3,574.59
	11/24/01	3,593.39	-	18.90	0.00	3,574.49
	03/25/02	3,593.39	-	18.73	0.00	3,574.66
MW - 19	02/16/00	3,599.33	-	17.45	0.00	3,581.88
	06/09/00	3,599.33	-	17.45	0.00	3,581.88
	09/19/00	3,599.33	-	17.44	0.00	3,581.89
	12/19/00	3,599.33	-	17.45	0.00	3,581.88
	03/21/01	3,599.33	-	17.44	0.00	3,581.89
	06/05/01	3,599.33	-	17.44	0.00	3,581.89
	09/26/01	3,599.33	-	17.42	0.00	3,581.91
	11/24/01	3,599.33	-	17.42	0.00	3,581.91
	03/25/02	3,599.33	-	17.41	0.00	3,581.92

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 20	02/16/00	3,597.64	-	17.13	0.00	3,580.51
	06/09/00	3,597.64	-	17.16	0.00	3,580.48
	09/19/00	3,597.64	-	17.07	0.00	3,580.57
	12/19/00	3,597.64	-	17.06	0.00	3,580.58
	03/21/01	3,597.64	-	17.11	0.00	3,580.53
	06/05/01	3,597.64	-	17.11	0.00	3,580.53
	09/26/01	3,597.64	-	17.14	0.00	3,580.50
	11/24/01	3,597.64	-	17.14	0.00	3,580.50
	03/25/02	3,597.64	-	17.11	0.00	3,580.53
MW - 21	02/16/00	3,596.88	-	15.98	0.00	3,580.90
	06/09/00	3,596.88	-	15.96	0.00	3,580.92
	09/19/00	3,596.88	-	15.88	0.00	3,581.00
	12/19/00	3,596.88	-	15.91	0.00	3,580.97
	03/21/01	3,596.88	-	15.92	0.00	3,580.96
	06/05/01	3,596.88	-	15.91	0.00	3,580.97
	09/26/01	3,596.88	-	15.92	0.00	3,580.96
	11/24/01	3,596.88	-	15.96	0.00	3,580.92
	03/25/02	3,596.88	-	15.93	0.00	3,580.95
MW - 22	02/16/00	3,598.34	-	17.23	0.00	3,581.11
	06/09/00	3,598.34	-	17.23	0.00	3,581.11
	09/19/00	3,598.34	-	17.22	0.00	3,581.12
	12/19/00	3,598.34	-	17.24	0.00	3,581.10
	03/21/01	3,598.34	-	17.24	0.00	3,581.10
	06/05/01	3,598.34	-	17.21	0.00	3,581.13
	09/26/01	3,598.34	-	17.25	0.00	3,581.09
	11/24/01	3,598.34	-	17.22	0.00	3,581.12
	03/25/02	3,598.34	-	17.22	0.00	3,581.12
MW - 23	02/16/00	3,598.07	-	17.83	0.00	3,580.24
	06/09/00	3,598.07	17.68	17.68	0.00	3,580.39
	09/19/00	3,598.07	17.77	17.77	0.00	3,580.30
	12/19/00	3,598.07	17.77	17.77	0.00	3,580.30
	03/21/01	3,598.07	17.80	17.80	0.00	3,580.27
	06/05/01	3,598.07	17.71	17.71	0.00	3,580.36
	09/26/01	3,598.07	17.81	17.81	0.00	3,580.26
	11/24/01	3,598.07	17.80	17.80	0.00	3,580.27
	03/25/02	3,598.07	17.78	17.78	0.00	3,580.29
MW - 24	02/16/00	3,598.01	-	16.97	0.00	3,581.04
	06/09/00	3,598.01	-	16.98	0.00	3,581.03
	09/19/00	3,598.01	-	16.82	0.00	3,581.19
	12/19/00	3,598.01	-	16.97	0.00	3,581.04
	03/21/01	3,598.01	-	16.94	0.00	3,581.07
	06/05/01	3,598.01	-	16.95	0.00	3,581.06
	09/26/01	3,598.01	-	16.95	0.00	3,581.06
	11/24/01	3,598.01	-	16.98	0.00	3,581.03
	03/25/02	3,598.01	-	16.95	0.00	3,581.06

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	02/16/00	3,599.25	-	18.79	0.00	3,580.46
	06/09/00	3,599.25	-	18.88	0.00	3,580.37
	09/19/00	3,599.25	-	18.57	0.00	3,580.68
	12/19/00	3,599.25	-	18.71	0.00	3,580.54
	03/21/01	3,599.25	-	18.72	0.00	3,580.53
	06/05/01	3,599.25	-	18.69	0.00	3,580.56
	09/26/01	3,599.25	-	18.88	0.00	3,580.37
	11/24/01	3,599.25	-	18.79	0.00	3,580.46
	03/25/02	3,599.25	-	18.76	0.00	3,580.49
MW - 26	NOT INSTALLED					
	06/09/00	3,595.26	-	14.73	0.00	3,580.53
	09/19/00	3,595.26	-	14.68	0.00	3,580.58
	12/19/00	3,595.26	-	14.64	0.00	3,580.62
	03/21/01	3,595.26	-	14.60	0.00	3,580.66
	06/05/01	3,595.26	-	14.67	0.00	3,580.59
	09/26/01	3,595.26	-	14.69	0.00	3,580.57
	11/24/01	3,596.26	-	14.75	0.00	3,581.51
	03/25/02	3,596.26	-	14.68	0.00	3,581.58
MW - 27	NOT INSTALLED					
	06/09/00	3,592.64	-	14.13	0.00	3,578.51
	09/19/00	3,592.64	-	14.08	0.00	3,578.56
	12/19/00	3,592.64	-	14.09	0.00	3,578.55
	03/21/01	3,592.64	-	14.02	0.00	3,578.62
	06/05/01	3,592.64	-	14.05	0.00	3,578.59
	09/26/01	3,592.64	-	14.09	0.00	3,578.55
	11/24/01	3,592.64	-	14.11	0.00	3,578.53
	03/25/02	3,592.64	-	14.09	0.00	3,578.55
MW - 28	NOT INSTALLED			DRY		
	07/13/00	3,598.02		DRY		
	09/19/00	3,598.02		DRY		
	12/19/00	3,598.02		DRY		
	03/21/01	3,498.02		DRY		
	06/05/01	3,498.02		DRY		
	09/26/01	3,498.02		DRY		
	11/24/01	3,498.02		DRY		
	03/25/02	3,498.02		DRY		
MW - 29	NOT INSTALLED					
	07/13/00	3,595.29	-	21.42	0.00	3,573.87
	09/19/00	3,595.29	-	21.55	0.00	3,573.74
	12/19/00	3,595.29	-	21.55	0.00	3,573.74
	03/21/01	3,595.29	-	21.51	0.00	3,573.78
	06/05/01	3,595.29	-	21.52	0.00	3,573.77
	09/26/01	3,595.29	-	21.44	0.00	3,573.85
	11/24/01	3,595.29	-	21.57	0.00	3,573.72
	03/25/02	3,595.29	-	21.49	0.00	3,573.80

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	NOT INSTALLED					
	07/13/00	3,595.74	-	22.35	0.00	3,573.39
	09/19/00	3,595.74	-	22.27	0.00	3,573.47
	12/19/00	3,595.74	-	22.29	0.00	3,573.45
	03/21/01	3,595.74	-	22.25	0.00	3,573.49
	06/05/01	3,595.74	-	22.27	0.00	3,573.47
	09/26/01	3,595.74	-	22.31	0.00	3,573.43
	11/24/01	3,595.74	-	22.34	0.00	3,573.40
	03/25/02	3,595.74	-	22.34	0.00	3,573.40
MW - 31	NOT INSTALLED					
	07/13/00	3,593.77	-	20.68	0.00	3,573.09
	09/19/00	3,593.77	-	21.03	0.00	3,572.74
	12/19/00	3,593.77	-	21.23	0.00	3,572.54
	03/21/01	3,593.77	-	21.33	0.00	3,572.44
	06/05/01	3,593.77	-	21.35	0.00	3,572.42
	09/26/01	3,593.77	-	21.38	0.00	3,572.39
	11/24/01	3,593.77	-	21.45	0.00	3,572.32
	03/25/02	3,593.77	-	21.49	0.00	3,572.28
MW - 32	NOT INSTALLED	3,592.11				
	07/13/00	3,592.11	-	19.79	0.00	3,572.32
	09/19/00	3,592.11	19.67	19.76	0.09	3,572.43
	12/19/00	3,592.11	19.67	19.76	0.09	3,572.43
	03/21/01	3,592.11	19.68	19.90	0.22	3,572.40
	06/05/01	3,592.11	19.94	20.13	0.19	3,572.14
	09/26/01	3,592.11	19.73	20.03	0.30	3,572.34
	11/24/01	3,592.11	20.03	20.23	0.20	3,572.05
	03/25/02	3,592.11	19.69	19.96	0.27	3,572.38
MW - 33	NOT INSTALLED					
	07/13/00	3,592.55	-	20.07	0.00	3,572.48
	09/19/00	3,592.55	-	19.99	0.00	3,572.56
	12/19/00	3,592.55	-	19.96	0.00	3,572.59
	03/21/01	3,592.55	-	20.03	0.00	3,572.52
	06/05/01	3,592.55	-	20.08	0.00	3,572.47
	09/26/01	3,592.55	-	20.27	0.00	3,572.28
	11/24/01	3,592.55	-	20.40	0.00	3,572.15
	03/25/02	3,592.55	-	20.10	0.00	3,572.45
MW - 34	NOT INSTALLED					
	07/13/00	3,593.30	-	19.01	0.00	3,574.29
	09/19/00	3,593.30	-	19.19	0.00	3,574.11
	12/19/00	3,593.30	-	19.21	0.00	3,574.09
	03/21/01	3,593.30	-	19.19	0.00	3,574.11
	06/05/01	3,593.30	-	19.18	0.00	3,574.12
	09/26/01	3,593.30	-	19.28	0.00	3,574.02
	11/24/01	3,593.30	-	19.32	0.00	3,573.98
	03/25/02	3,593.30	-	19.28	0.00	3,574.02

TABLE 2 (CONT'D)

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 35	NOT INSTALLED					
	07/13/00	3,594.47	-	18.67	0.00	3,575.80
	09/19/00	3,594.47	-	18.73	0.00	3,575.74
	12/19/00	3,594.47	-	18.78	0.00	3,575.69
	03/21/01	3,594.47	-	18.81	0.00	3,575.66
	06/05/01	3,594.47	-	18.88	0.00	3,575.59
	09/26/01	3,594.47	-	18.88	0.00	3,575.59
	11/24/01	3,594.47	-	18.90	0.00	3,575.57
	03/25/02	3,594.47	-	18.81	0.00	3,575.66
MW - 36	NOT INSTALLED					
	07/13/00	3,595.80	-	18.03	0.00	3,577.77
	09/19/00	3,595.80	-	18.13	0.00	3,577.67
	12/19/00	3,595.80	-	18.15	0.00	3,577.65
	03/21/01	3,595.80	-	18.10	0.00	3,577.70
	06/05/01	3,595.80	-	18.16	0.00	3,577.64
	09/26/01	3,595.80	-	18.19	0.00	3,577.61
	11/24/01	3,595.80	-	18.24	0.00	3,577.56
	03/25/02	3,595.80	-	18.17	0.00	3,577.63

TABLE 3

GROUND WATER CHEMISTRY
HISTORICAL TABLE

EOTT ENERGY CORPORATION
BOB DURHAM
MONUMENT, NEW MEXICO
ETGI PROJECT #2044C

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 3	02/03/00	0.480	0.235	0.153	0.611	82.8	80	0	300	568
	06/09/00	0.433	0.016	0.119	0.151					
	09/20/00	0.138	0.004	0.120	0.129					
	12/20/00	0.117	0.002	0.044	0.041					
	03/21/01	0.130	<0.005	0.030	0.038					
	06/05/01	0.122	<0.005	0.033	0.026					
	09/26/01	0.117	<0.001	0.016	0.016					
	11/24/01	0.113	<0.001	0.018	0.024					
	03/25/02	0.112	<0.001	0.016	0.019					
MW - 9	02/02/00	0.020	0.007	0.001	0.006	107.8	106	0	300	660
	06/09/00	0.078	0.002	0.002	0.003					
	09/20/00	0.012	<0.001	<0.001	<0.001					
	12/20/00	0.022	<0.001	0.003	0.003					
	03/21/01	0.008	<0.001	0.002	<0.002					
	06/05/01	0.010	<0.005	<0.005	<0.005					
	09/26/01	0.002	<0.001	<0.001	<0.002					
	11/24/01	0.003	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 10	02/02/00	0.009	0.004	<0.001	<0.001	109.5	89	0	300	618
	06/09/00	<0.001	<0.001	<0.001	<0.001					
	09/20/00	0.003	<0.001	<0.001	<0.001					
	12/20/00	0.004	<0.001	<0.001	<0.001					
	03/21/01	0.018	<0.001	0.002	<0.002					
	06/05/01	0.072	<0.005	<0.005	<0.005					
	09/26/01	0.164	<0.001	<0.001	<0.002					
	11/24/01	0.094	<0.001	0.002	0.002					
	03/25/02	0.029	<0.001	<0.001	<0.002					
MW - 11	02/02/00	0.027	0.009	0.002	0.005	182.5	115	0	350	823
	06/09/00	0.006	<0.001	<0.001	<0.001					
	09/20/00	0.014	<0.001	<0.001	<0.001					
	12/20/00	0.005	<0.001	<0.001	<0.001					
	03/21/01	0.006	<0.001	0.001	<0.002					
	06/05/01	<0.001	<0.001	0.003	<0.001					
	09/26/01	0.003	<0.001	<0.001	<0.002					
	11/24/01	0.001	<0.001	<0.001	<0.002					
	03/25/02	0.001	<0.001	<0.001	<0.002					

TABLE 3 (CONT'D)

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 13	02/02/00	0.821	0.008	0.020	0.011	89.8	115	0	370	703
	06/09/00	0.777	0.007	0.059	0.054					
	09/20/00	0.946	<0.002	0.076	0.207					
	12/20/00	0.673	0.002	0.092	0.212					
	03/21/01	0.517	<0.005	0.117	0.169					
	06/05/01	0.479	<0.005	0.143	0.236					
	09/26/01	0.399	<0.001	0.134	0.227					
	11/24/01	0.215	<0.001	0.072	0.103					
	03/25/02	0.311	<0.001	0.097	0.143					
MW - 14	02/03/00	0.004	0.001	<0.001	<0.001	230	106	0	350	840
	06/09/00	0.003	<0.001	<0.001	<0.001					
	09/20/00	0.005	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.001	<0.001	<0.001	<0.001					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 15	02/03/00	<0.001	<0.001	<0.001	<0.001	178.8	106	0	350	803
	06/09/00	0.010	<0.001	<0.001	<0.001					
	09/20/00	0.012	<0.001	<0.001	<0.001					
	12/20/00	0.004	<0.001	<0.001	<0.001					
	03/21/01	0.007	<0.001	<0.001	<0.002					
	06/05/01	0.002	<0.001	<0.001	<0.001					
	09/26/01	0.001	<0.001	<0.001	<0.002					
	11/24/01	0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 17	02/17/00	0.001	<0.001	<0.001	<0.001	248	133	0	300	864
	06/09/00	<0.001	<0.001	<0.001	<0.001					
	09/20/00	0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	0.004					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 18	02/17/00	<0.001	<0.001	<0.001	<0.001					
	06/09/00	<0.001	<0.001	<0.001	<0.001	251	142	0	280	868
	09/20/00	<0.001	0.001	0.001	0.009					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					

TABLE 3 (CONT'D)

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 19	02/17/00	<0.001	<0.001	<0.001	<0.001	102	89	0	220	501
	06/09/00	<0.001	<0.001	<0.001	<0.001					
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.001	<0.001	<0.001	<0.001					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 20	Gauged but not tested per KD/JT									
	06/09/00	0.004	0.001	0.001	0.003	130.7	106	0	360	783
	09/20/00	0.002	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 21	Gauged but not tested per KD/JT									
	06/09/00	0.001	0.001	0.001	0.003	81.2	81	0	366	694
	09/20/00	0.004	<0.004	<0.001	0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	0.002	<0.001	0.002	0.001					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 22	02/17/00	<0.001	<0.001	<0.001	<0.001	213	89	0	300	722
	06/09/00	<0.001	<0.001	<0.001	<0.001					
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 24	02/17/00	<0.001	<0.001	<0.001	<0.001					
	06/09/00	<0.001	<0.001	<0.001	<0.001	105	80	0	240	546
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.001	<0.001	<0.001	<0.001					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					

TABLE 3 (CONT'D)

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 25	02/17/00	<0.001	<0.001	<0.001	<0.001	97	89	0	230	548
	06/09/00	<0.001	<0.001	<0.001	<0.001					
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.001	<0.001	<0.001	<0.001					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 26	02/17/00	NOT INSTALLED								
*	06/09/00	<0.001	<0.001	<0.001	<0.001	158.8	117	0	280	855
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.001	<0.001	<0.001	<0.001					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 27	02/17/00	NOT INSTALLED								
*	06/09/00	<0.001	<0.001	<0.001	<0.001	164.5	112	0	286	792
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 29	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	<0.001	<0.001	<0.001	308	292	0	344	1406
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					

TABLE 3 (CONT'D)

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 30	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	0.001	0.001	0.002	90	106	0	320	615
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 31	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	0.002	0.002	<0.001	<0.001	62	168	0	420	801
	09/20/00	<0.001	<0.001	0.001	<0.001					
	12/20/00	0.004	<0.001	<0.001	<0.001					
	03/21/01	0.006	<0.001	0.002	<0.002					
	06/05/01	<0.001	<0.001	0.001	<0.001					
	09/26/01	0.008	<0.001	<0.001	<0.002					
	11/24/01	0.008	<0.001	<0.001	<0.002					
	03/25/02	0.003	<0.001	<0.001	<0.002					
MW - 32	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	0.003	<0.001	<0.001	136	97	0	232	676
MW - 33	02/19/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	0.008	0.002	<0.001	0.002	199	118	0	332	796
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 34	02/19/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	<0.001	<0.001	<0.001	212	142	0	293	825
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					

TABLE 3 (CONT'D)

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				SULFATE (mg/L)	CHLORIDE (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	TDS (mg/L)
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES					
MW - 35	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	<0.001	<0.001	<0.001	175	102	0	273	645
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					
MW - 36	02/17/00	NOT INSTALLED								
	06/09/00	NOT INSTALLED								
*	07/13/00	<0.001	<0.001	<0.001	<0.001	168	97	0	267	646
	09/20/00	<0.001	<0.001	<0.001	<0.001					
	12/20/00	<0.001	<0.001	<0.001	<0.001					
	03/21/01	<0.001	<0.001	<0.001	<0.002					
	06/05/01	<0.005	<0.005	<0.005	<0.005					
	09/26/01	<0.001	<0.001	<0.001	<0.002					
	11/24/01	<0.001	<0.001	<0.001	<0.002					
	03/25/02	<0.001	<0.001	<0.001	<0.002					

* INITIAL ANALYTICALS

Table 3

ADDITIONAL GROUND WATER CHEMISTRY

EOTT ENERGY CORPORATION
BOB DURHAM
MONUMENT, NEW MEXICO
EGTI Project # EOT 2044C

All water concentrations are in mg/L

			EPA SW846-6010B, 7470																							
SAMPLE LOCATION	SAMPLE DATE	SAMPLE TYPE	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Tin	Vanadium	Zinc	Boron	Strontium
MW - 3	2/3/2000	WATER	28.70	ND	1.5300	ND	ND	626.0	ND	ND	ND	15.70	ND	34.40	0.5010	ND	ND	ND	13.90	ND	ND	69.10	0.0630	0.1230	ND	ND	1.32
MW - 9	2/2/2000	WATER	ND	ND	ND	ND	ND	138.0	ND	ND	ND	ND	ND	18.30	ND	ND	ND	ND	7.780	ND	ND	100.0	ND	0.0270	ND	ND	1.02
MW - 10	2/2/2000	WATER	ND	ND	ND	ND	ND	279.0	ND	ND	ND	2.180	ND	22.30	ND	ND	ND	ND	6.640	ND	ND	82.50	ND	0.0400	ND	ND	1.20
MW - 11	2/2/2000	WATER	ND	ND	ND	ND	ND	712.0	ND	ND	ND	2.190	ND	27.50	0.4900	ND	ND	ND	8.230	ND	ND	152.0	0.0580	0.0460	ND	ND	1.25
MW - 13	2/2/2000	WATER	ND	ND	ND	ND	ND	430.0	ND	ND	ND	2.970	ND	26.90	ND	ND	ND	ND	7.140	ND	ND	89.10	0.0540	0.0350	ND	ND	1.26
MW - 14	2/3/2000	WATER	55.70	ND	1.3400	ND	0.0140	2540.0	0.1200	0.2180	ND	33.30	0.0530	73.50	16.40	ND	ND	0.2150	32.80	ND	ND	155.0	0.1240	0.3060	ND	ND	2.30
MW - 15	2/3/2000	WATER	11.90	ND	1.0900	ND	ND	2020.0	0.0610	ND	ND	6.330	ND	38.50	0.5620	ND	ND	ND	12.50	ND	ND	169.0	0.0910	0.0810	ND	ND	1.70
MW - 17	2/17/2000	WATER	9.770	0.0070	0.2180	ND	0.0030	436.0	0.0180	ND	0.0110	4.650	0.009	31.98	0.2620	ND	ND	0.0160	9.850	0.0100	ND	132.0	ND	0.0700	0.0430	0.319	1.68
MW - 18	2/17/2000	WATER	7.240	0.0080	0.3100	ND	0.0040	704.8	0.0170	ND	0.0160	1.540	0.007	32.16	0.7480	ND	ND	0.0180	10.10	0.0100	ND	147.0	ND	0.0600	0.0340	0.365	1.99
MW - 19	2/17/2000	WATER	19.70	0.0100	0.3180	ND	0.0040	652.8	0.0340	ND	0.0170	12.13	0.012	28.40	0.3990	ND	ND	0.0240	12.45	0.0090	ND	68.36	0.0540	0.1390	0.0510	0.167	1.58
MW - 20	6/9/2000	WATER	42.8	0.0150	0.4450	0.0040	0.0040	439.0	0.0650	0.0220	0.0400	29.00	0.0210	64.00	0.4700	0.003	ND	0.0360	18.90	ND	ND	106.0	ND	0.1650	0.1010	0.234	1.40
MW - 21	6/9/2000	WATER	8.40	ND	0.2690	ND	0.0020	184.0	0.0150	ND	0.0110	5.810	ND	26.00	0.2700	ND	ND	0.0150	6.520	ND	ND	72.50	ND	0.0500	0.0230	0.162	1.02
MW - 22	2/17/2000	WATER	8.450	0.0060	0.2930	ND	0.0030	254.0	0.0220	ND	ND	5.630	0.0050	27.50	0.0770	ND	ND	0.0140	8.59	0.0080	ND	107.0	ND	0.1010	ND	0.299	1.18
MW - 24	2/17/2000	WATER	11.33	0.0090	0.2760	ND	0.0030	337.0	0.0210	ND	0.0100	4.680	0.0040	22.37	0.1460	ND	ND	0.0160	8.44	0.0060	ND	75.79	ND	0.0590	0.0600	0.017	1.09
MW - 25	2/17/2000	WATER	7.540	0.0060	0.2000	ND	0.0030	392.0	0.0210	ND	ND	4.660	0.0030	21.60	0.4830	ND	ND	0.0170	7.44	0.0070	ND	67.4	ND	0.0610	ND	0.161	1.06
MW - 26	6/9/2000	WATER	0.914	ND	0.0950	ND	ND	194.0	ND	ND	ND	0.546	ND	32.00	0.0810	0.003	ND	ND	7.28	ND	ND	161	ND	0.0310	0.0230	0.254	1.27
MW - 27	6/9/2000	WATER	19.500	0.0070	0.5360	ND	0.0020	489.0	0.0330	ND	0.0130	10.60	0.0100	35.00	0.4390	ND	ND	0.0250	12.40	ND	ND	143.00	ND	0.0930	0.0350	0.300	1.47
MW - 29	07/13/200	WATER	85.500	0.0300	1.4600	ND	ND	146.0	0.1110	0.0320	0.0260	46.80	0.0120	122.00	0.8960	ND	ND	0.0600	38.80	0.0100	ND	299.0	0.0530	0.2480	0.2450	0.599	4.13
MW - 30	7/13/2000	WATER	7.650	0.0050	0.2360	ND	ND	178.0	0.0080	ND	ND	3.380	0.0060	24.30	0.0890	ND	ND	0.0110	7.00	ND	ND	104.0	ND	0.0310	0.0400	0.248	1.21

ADDITIONAL GROUND WATER CHEMISTRY

EOTT ENERGY CORPORATION
BOB DURHAM
MONUMENT, NEW MEXICO
EGTI Project # EOT 2044C

All water concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SAMPLE TYPE	EPA SW846-6010B, 7470																							
			Aluminum	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Tin	Vanadium	Zinc	Boron	Strontium
MW - 31	7/31/2000	WATER	1.180	ND	0.4020	ND	ND	160.0	ND	ND	ND	1.050	ND	36.00	0.0900	ND	ND	ND	10.70	ND	ND	111.0	ND	ND	ND	0.274	1.64
MW - 32	7/13/2000	WATER	18.200	0.0140	0.3830	ND	ND	224.0	0.0130	ND	ND	9.120	0.0100	31.80	0.6140	ND	ND	0.0210	11.10	ND	ND	83.20	ND	0.0460	0.0420	0.202	1.36
MW - 33	7/13/2000	WATER	36.600	0.0120	0.5010	ND	ND	409.0	0.0350	ND	0.0100	19.200	0.0150	40.90	0.6120	ND	ND	0.0023	15.50	ND	ND	140.0	ND	0.0960	0.0520	0.354	1.56
MW - 34	7/13/2000	WATER	9.660	0.0070	0.1510	ND	ND	246.0	0.0110	ND	ND	6.550	0.0040	34.50	0.1980	ND	ND	0.0120	10.70	0.0060	0.0060	158.0	ND	0.0370	0.0750	0.390	1.42
MW - 35	7/13/2000	WATER	19.700	0.0160	0.4470	ND	ND	858.0	0.0290	ND	0.0180	11.300	0.0800	42.30	0.3680	ND	ND	0.0140	10.10	ND	ND	111.0	ND	0.0880	0.0470	0.266	1.99
MW - 36	7/13/2000	WATER	13.200	0.0130	0.3180	ND	ND	1010.0	0.0190	ND	ND	8.230	ND	34.30	0.4330	0.003	ND	0.0130	9.73	ND	ND	110.0	ND	0.0720	0.0340	0.255	1.67

FIGURES



Figure 1
Site Location Map

EOTT Energy Corp.
Bob Durham
Lea County, NM

Environmental Technology Group, INC.

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
	Drawn By: JDJ	Prep. By: KB
January 23, 2002	ETGI Project #: EOT2044C	

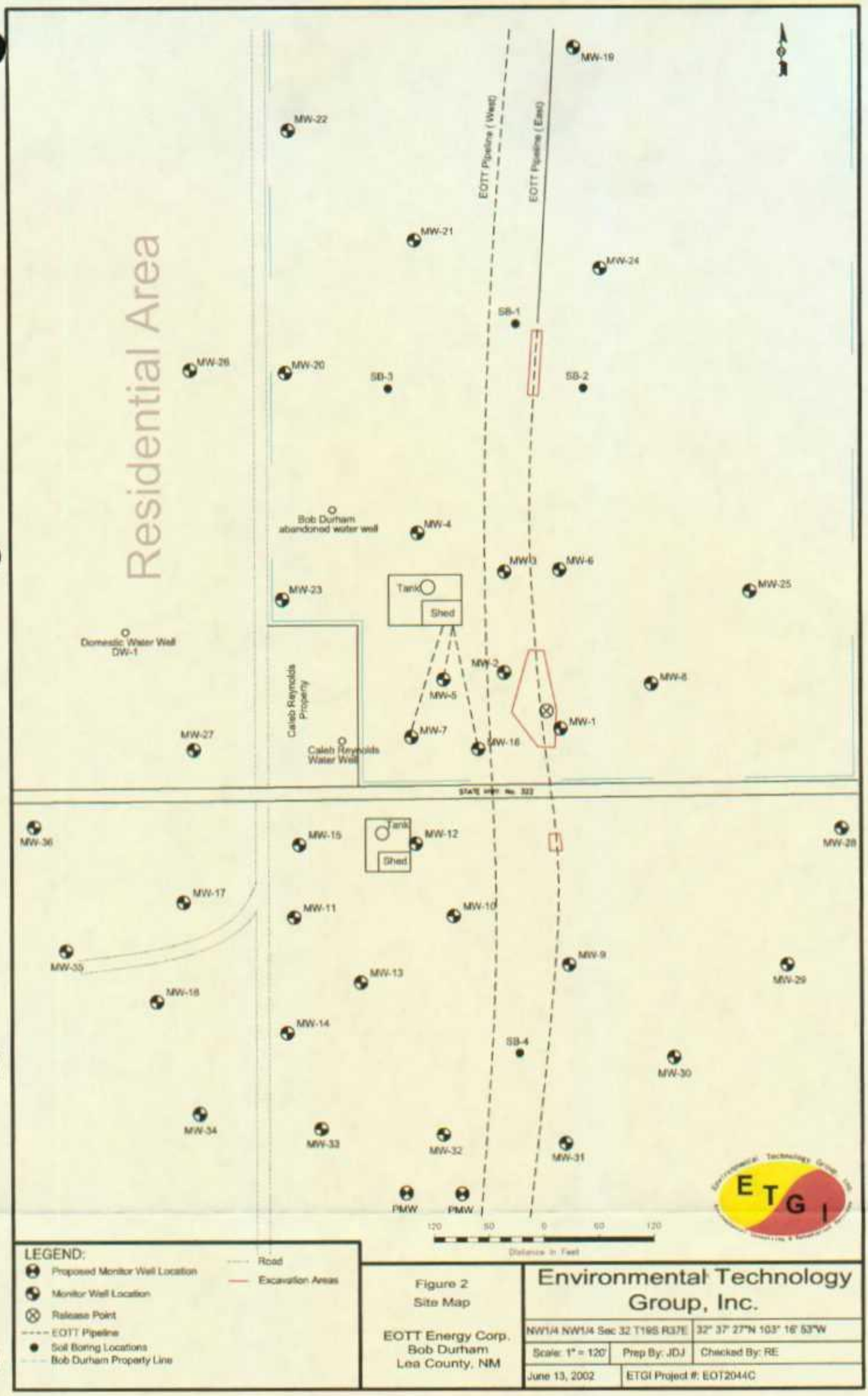
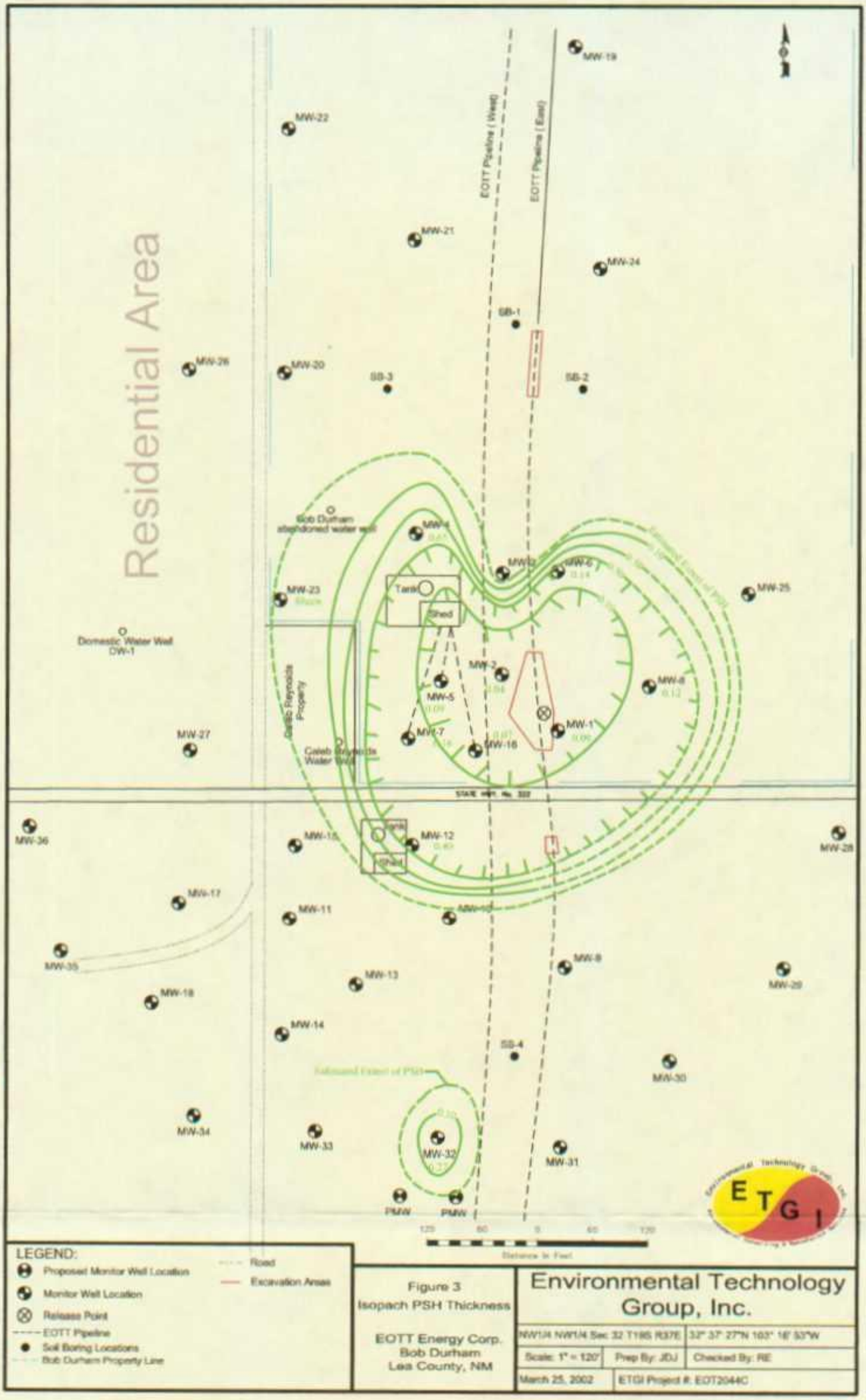


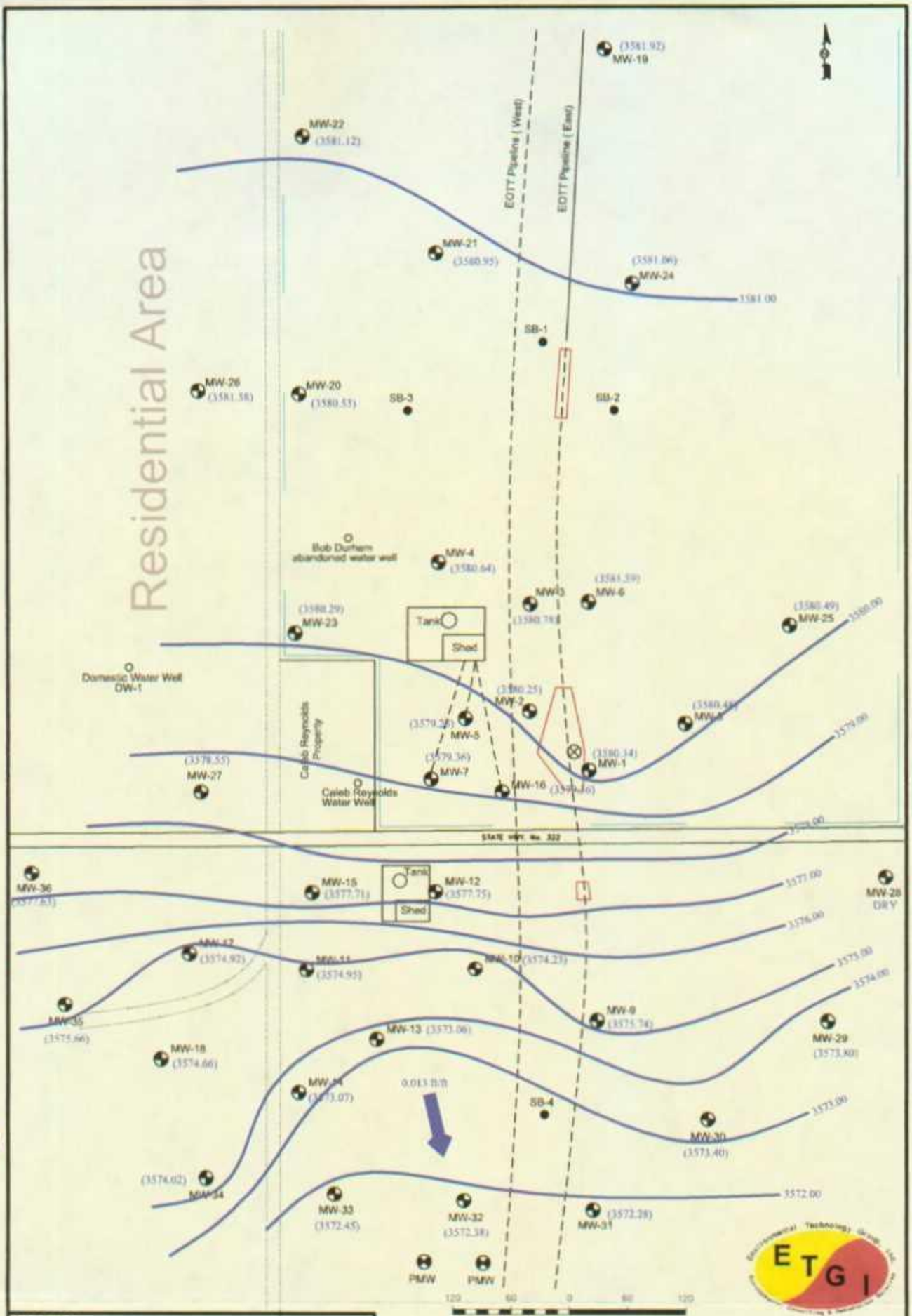
Figure 2
Site Map

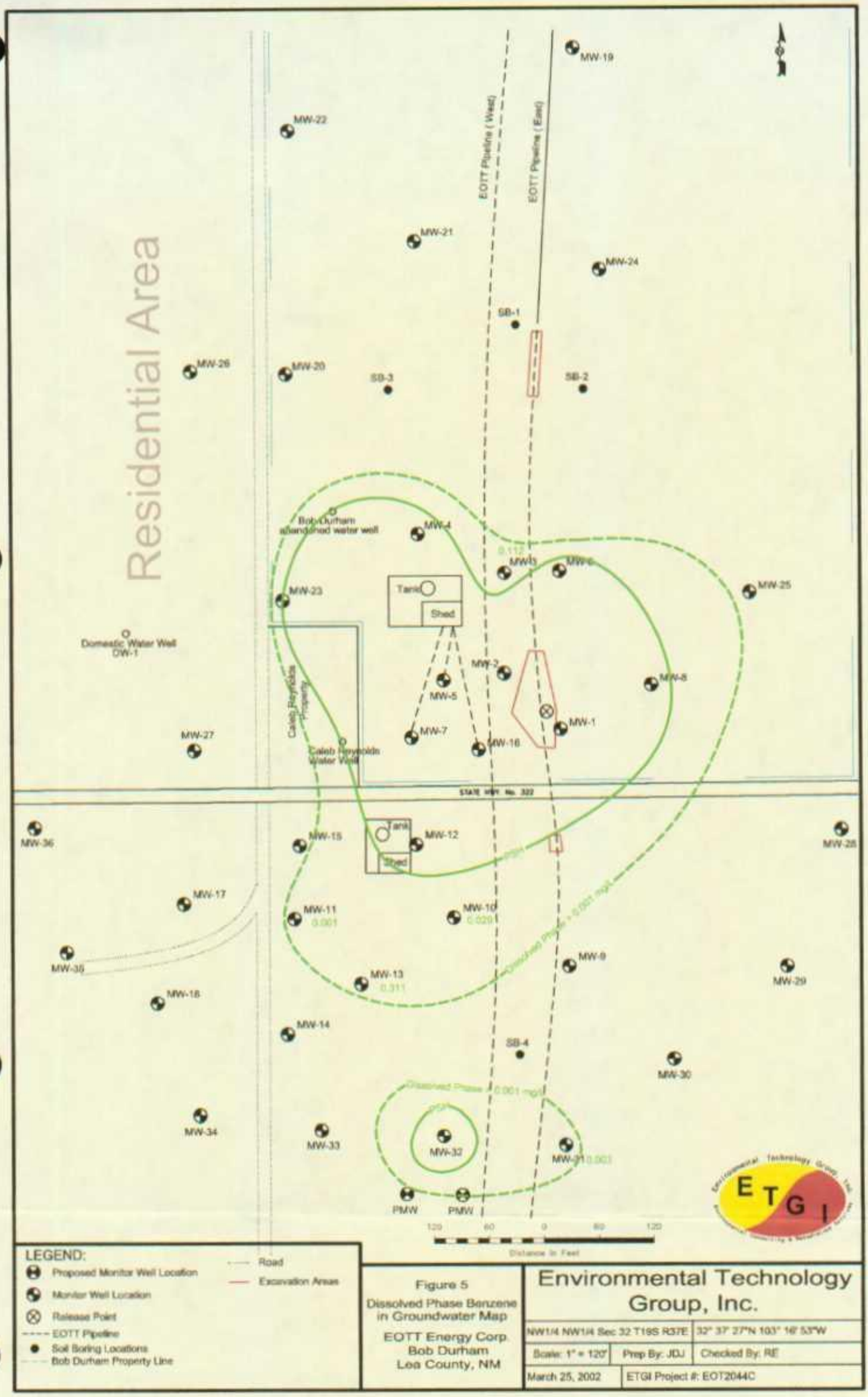
EOTT Energy Corp.
Bob Durham
Lea County, NM

Environmental Technology Group, Inc.

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 120'	Prep By: JDJ	Checked By: RE
June 13, 2002	ETGI Project #: EOT2044C	


Residential Area
MW-19
MW-22
EOTT Pipeline (West)
EOTT Pipeline (East)
MW-21
MW-24
SB-1
MW-26
MW-20
SB-3
SB-2
Bob Durham abandoned water well
MW-4
MW-3
MW-6
MW-23
Tank
Shed
MW-25
Domestic Water Well DW-1
MW-2
MW-5
MW-8
Gattis Reynolds Property
MW-7
MW-1
MW-16
MW-27
Caleb Reynolds Water Well
STATE HWY. No. 322
MW-36
MW-15
MW-12
MW-28
MW-17
MW-11
MW-10
MW-35
MW-9
MW-13
MW-29
MW-18
MW-14
SB-4
MW-30
MW-34
MW-33
MW-32
MW-31
PMW
PMW
120
60
0
60
120
Distance in Feet
LEGEND:
Proposed Monitor Well Location
Monitor Well Location
Release Point
EOTT Pipeline
Soil Boring Locations
Bob Durham Property Line
Road
Excavation Areas
Figure 3
Isopach PSH Thickness
EOTT Energy Corp.
Bob Durham
Lea County, NM
Environmental Technology Group, Inc.
NW1/4 NW1/4 Sec. 32 T18S R37E
32° 37' 27"N 103° 16' 53"W
Scale: 1" = 120'
Prep By: JDJ
Checked By: RE
March 25, 2002
ETGI Project #: EOT2044C


Residential Area
EOTT Pipeline (West)
EOTT Pipeline (East)
MW-19 (3581.92)
MW-22 (3581.12)
MW-21 (3580.95)
MW-24 (3581.06)
3581.00
SB-1
MW-26 (3581.58)
MW-20 (3580.55)
SB-3
SB-2
Bob Durham abandoned water well
MW-4 (3580.64)
MW-3 (3580.78)
MW-6 (3581.39)
MW-23 (3580.29)
Tank
Shed
MW-25 (3580.49)
3580.00
Domestic Water Well DW-1
MW-2 (3580.25)
MW-5 (3579.28)
MW-8 (3580.43)
3579.00
MW-27 (3578.55)
MW-7 (3579.36)
MW-1 (3580.14)
Caleb Reynolds Property
Caleb Reynolds Water Well
MW-16 (3580.16)
STATE HWY. No. 322
3578.00
MW-36 (3577.83)
MW-15 (3577.71)
Tank
Shed
MW-12 (3577.75)
3577.00
MW-28 DRY
3576.00
MW-17 (3574.92)
MW-11 (3574.95)
MW-10 (3574.23)
3575.00
3574.00
MW-35 (3575.66)
MW-9 (3575.74)
MW-13 (3573.06)
MW-29 (3573.80)
MW-18 (3574.66)
MW-14 (3573.07)
0.013 ft/ft
SB-4
MW-30 (3573.40)
3573.00
(3574.02)
MW-34
MW-33 (3572.45)
MW-32 (3572.38)
MW-31 (3572.28)
3572.00
PMW
PMW
120
60
0
60
120
Distance in Feet
LEGEND:
Proposed Monitor Well Location
Monitor Well Location
Release Point
EOTT Pipeline
Soil Boring Locations
Bob Durham Property Line
Road
Excavation Areas
Figure 4
Inferred Groundwater Gradient Map
EOTT Energy Corp.
Bob Durham
Lea County, NM
Environmental Technology Group, Inc.
NW1/4 NW1/4 Sec. 32 T19S R37E
32° 37' 27"N 103° 18' 53"W
Scale: 1" = 120'
Prep By: JDJ
Checked By: RE
June 13, 2002
ETGI Project #: EOT2044C


Residential Area
MW-19
MW-22
EOTT Pipeline (West)
EOTT Pipeline (East)
MW-21
MW-24
SB-1
MW-26
MW-20
SB-3
SB-2
Bob Durham abandoned water well
MW-4
MW-23
Tank
Shed
MW-25
Domestic Water Well DW-1
MW-2
MW-5
MW-8
Caleb Reynolds Property
MW-1
MW-7
MW-16
MW-27
Caleb Reynolds Water Well
STATE HWY No. 322
MW-36
MW-15
MW-12
MW-28
MW-17
MW-11
0.001
MW-10
0.029
MW-35
MW-9
MW-29
MW-13
0.311
MW-18
MW-14
SB-4
MW-30
MW-34
MW-33
MW-32
MW-31
0.003
PMW
PMW
120
60
0
60
120
Distance In Feet
LEGEND:
Proposed Monitor Well Location
Monitor Well Location
Release Point
EOTT Pipeline
Soil Boring Locations
Bob Durham Property Line
Road
Excavation Areas
Figure 5
Dissolved Phase Benzene in Groundwater Map
EOTT Energy Corp.
Bob Durham
Lea County, NM
Environmental Technology Group, Inc.
NW1/4 NW1/4 Sec 32 T19S R37E
32° 37' 27"N 103° 16' 53"W
Scale: 1" = 120'
Prep By: JDJ
Checked By: RE
March 25, 2002
ETGI Project #: EOT2044C

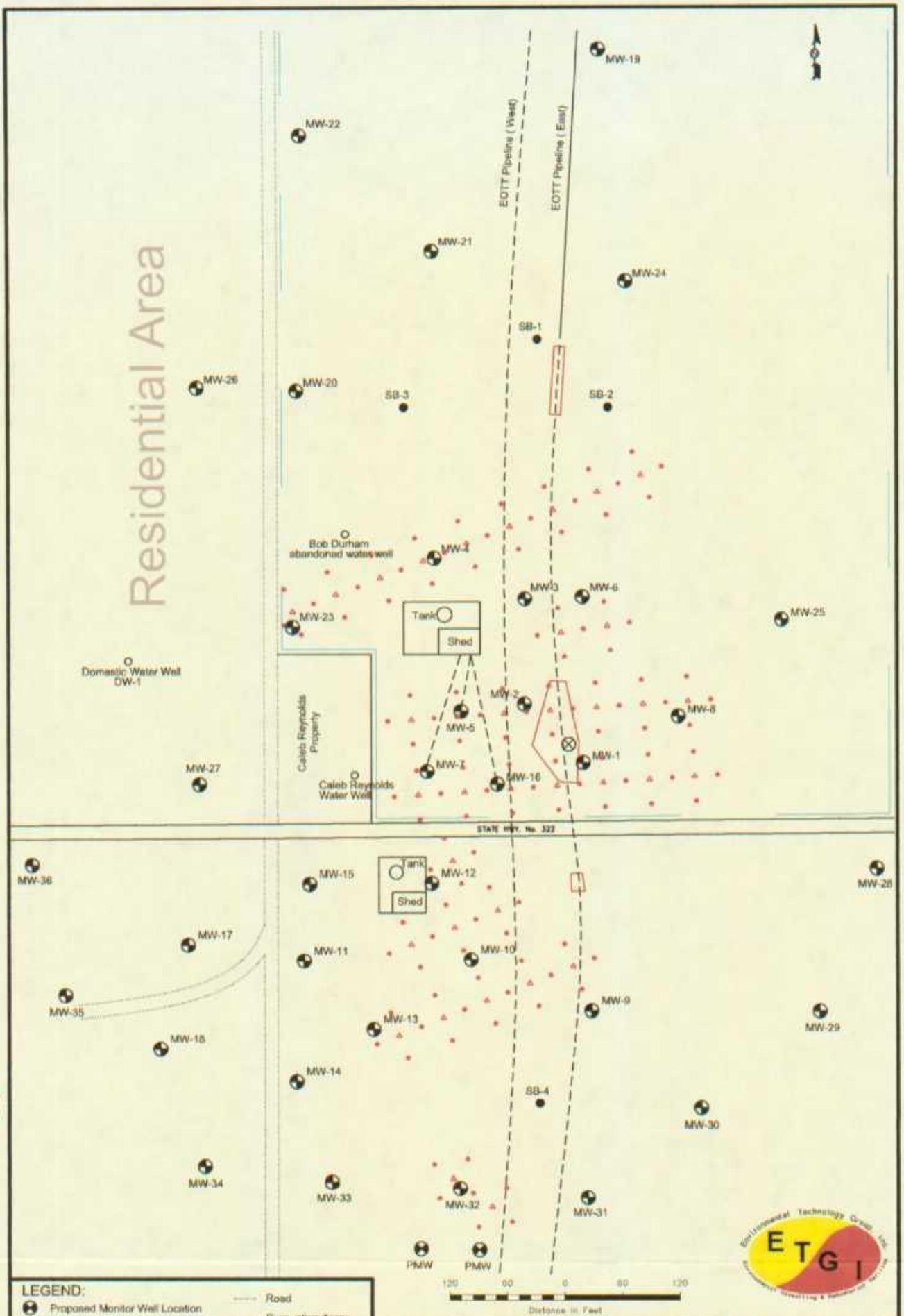


Figure 6
Proposed AS/VE System
Configuration Map
EOTT Energy Corp.
Bob Durham
Lea County, NM

Environmental Technology Group, Inc.

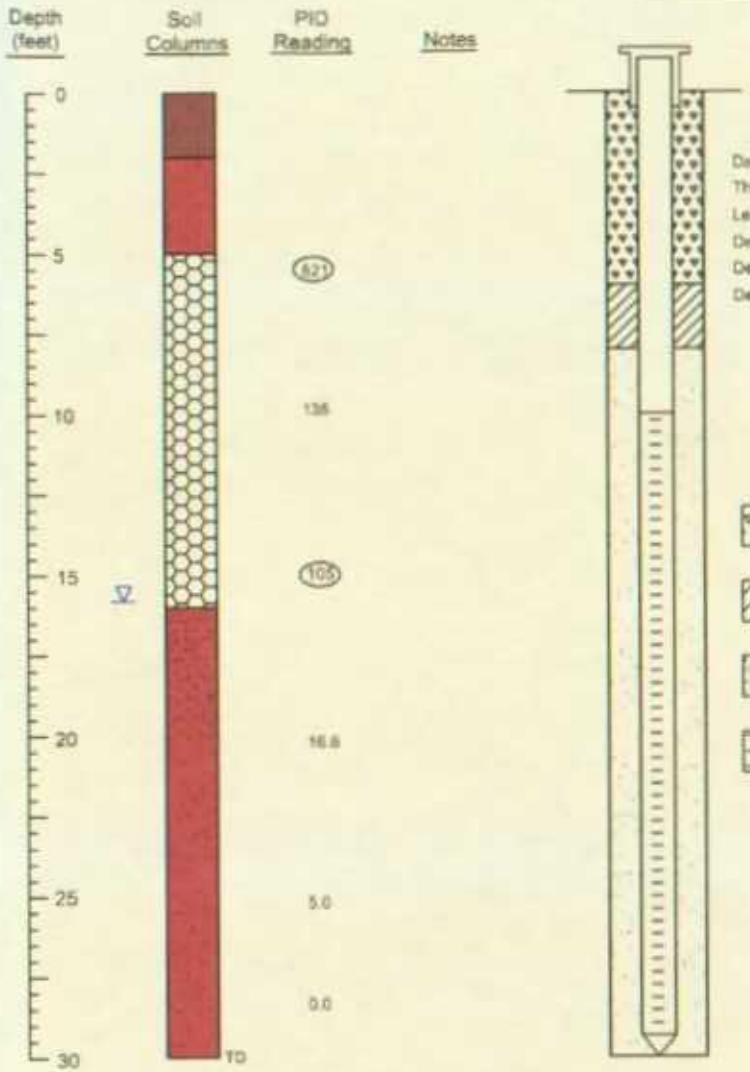
NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 120'	Prep By: JDJ	Checked By: RE
June 13, 2002	ETGI Project #: EOT2044C	

APPENDICES

APPENDIX A

Soil Boring Logs

Monitoring Well MW - 1



Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	20 ft
Depth of PVC Well	30 ft
Depth of Exploratory Well	30 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a lockad stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

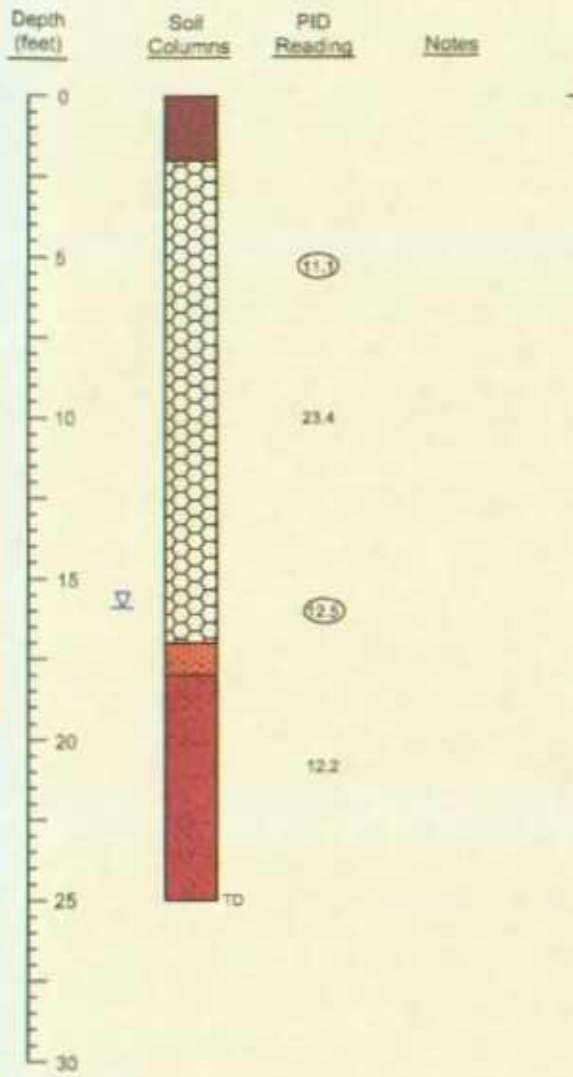
Monitoring Well - 1

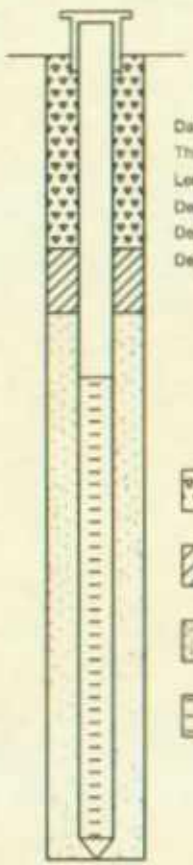
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 2





Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-apace reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

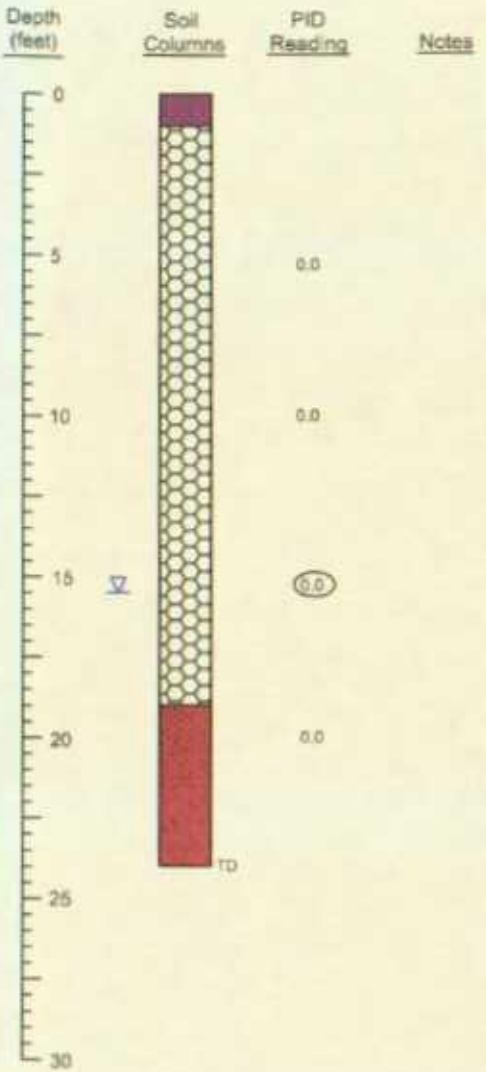
Monitoring Well - 2

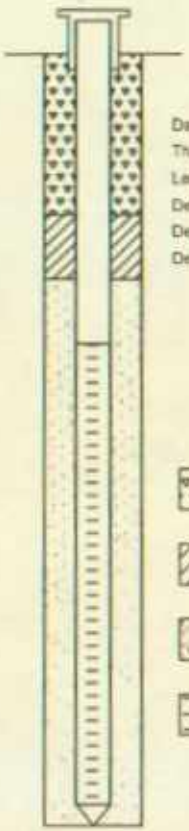
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 3





Monitoring Well Details

Date Drilled	01 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

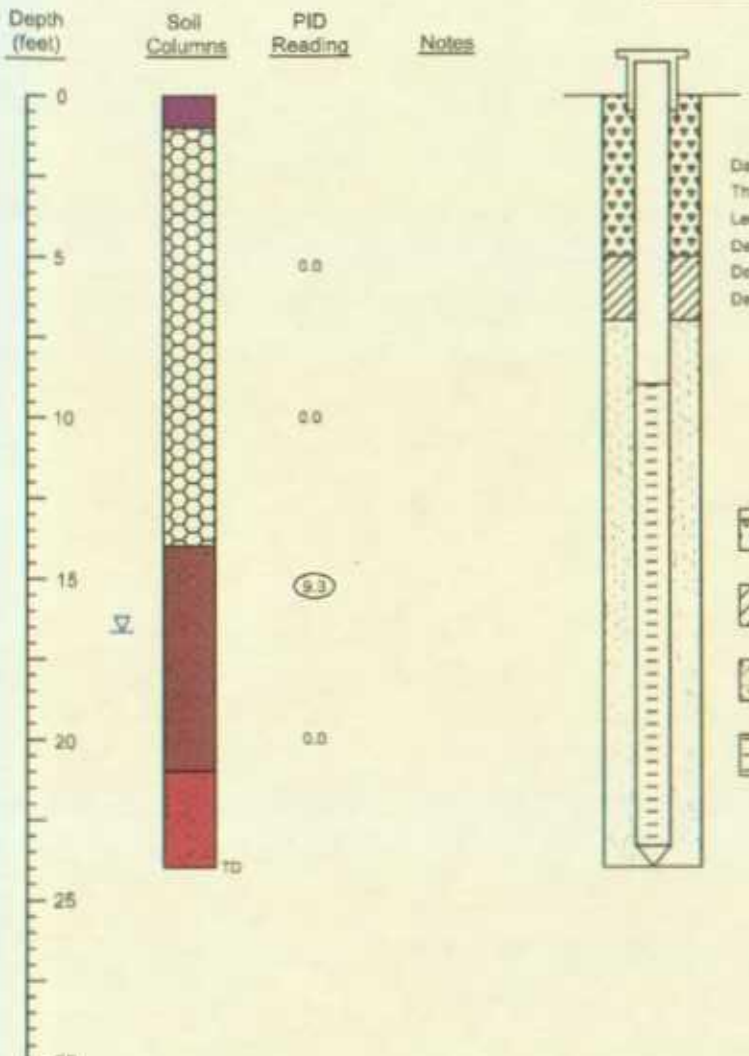
Monitoring Well - 3

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 4



Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	15 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

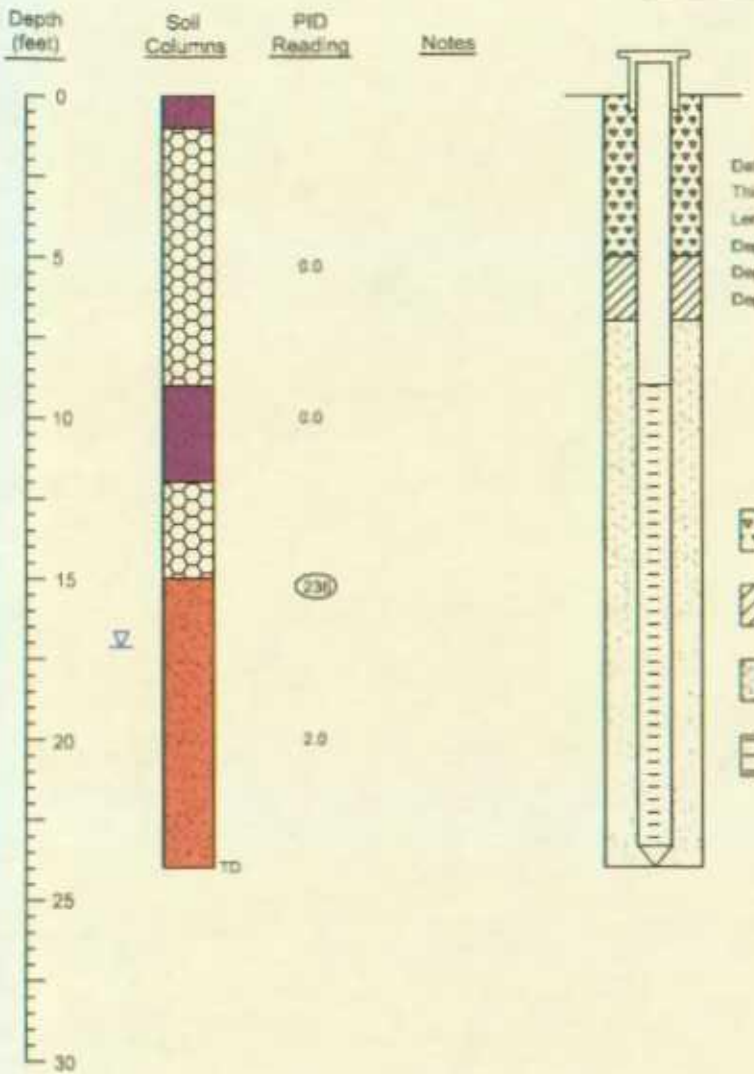
Monitoring Well - 4

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 5



Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	15 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

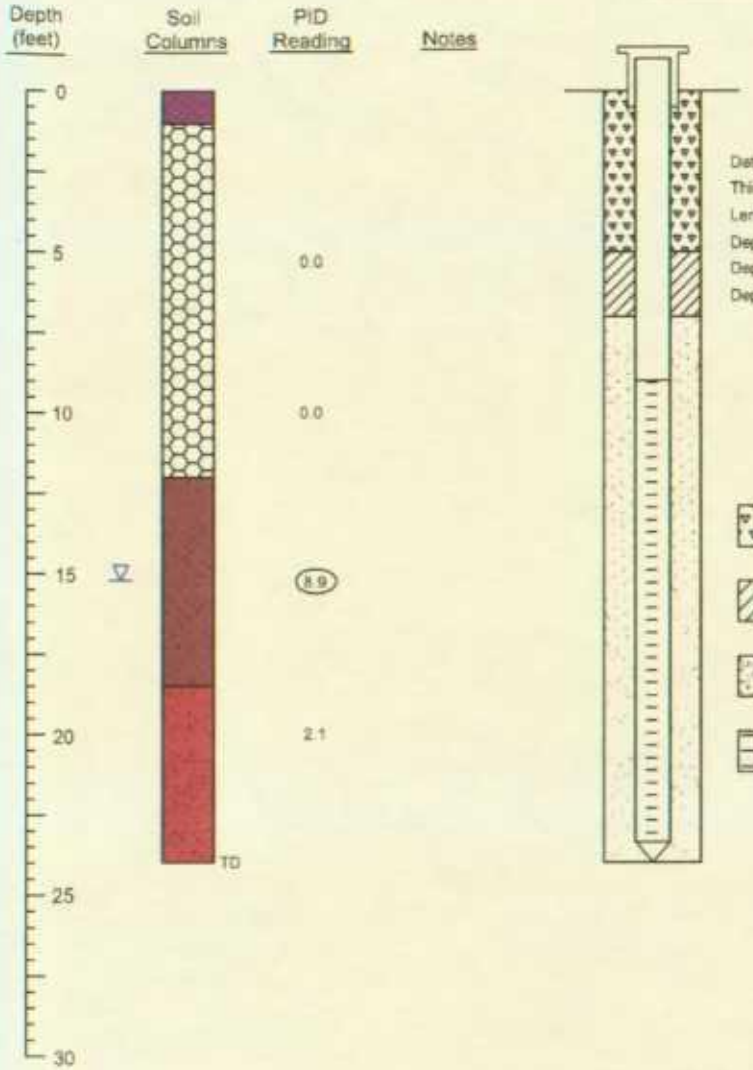
Monitoring Well - 5

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 6



Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	15 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

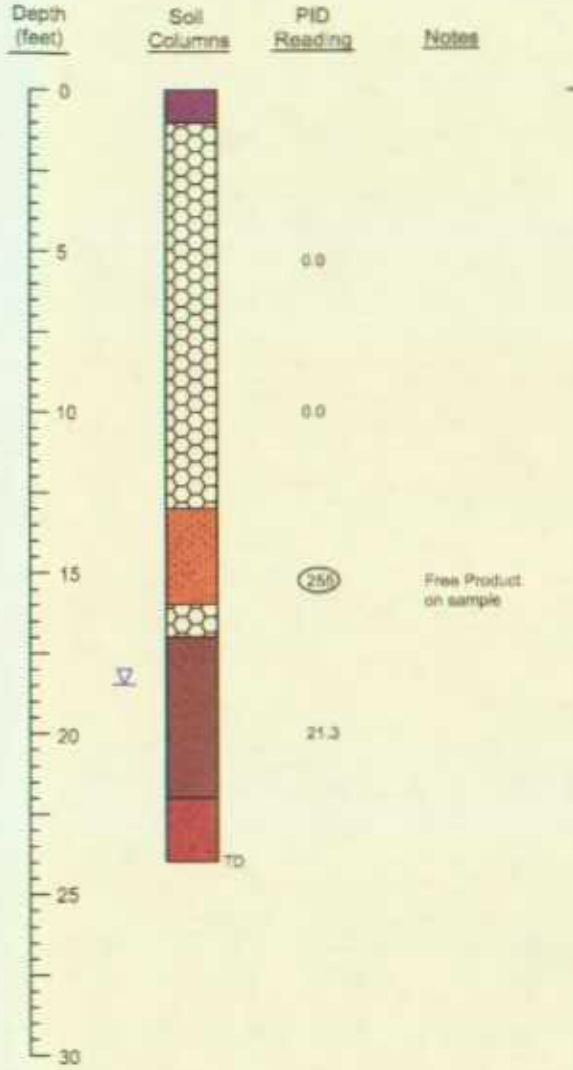
Monitoring Well - 6

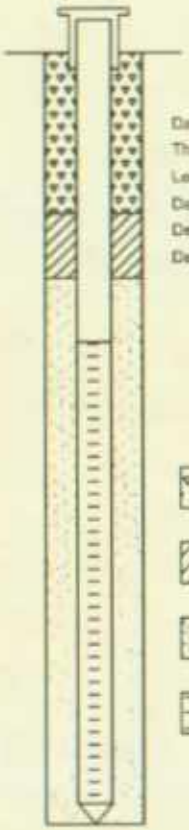
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 7





Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	15 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 7

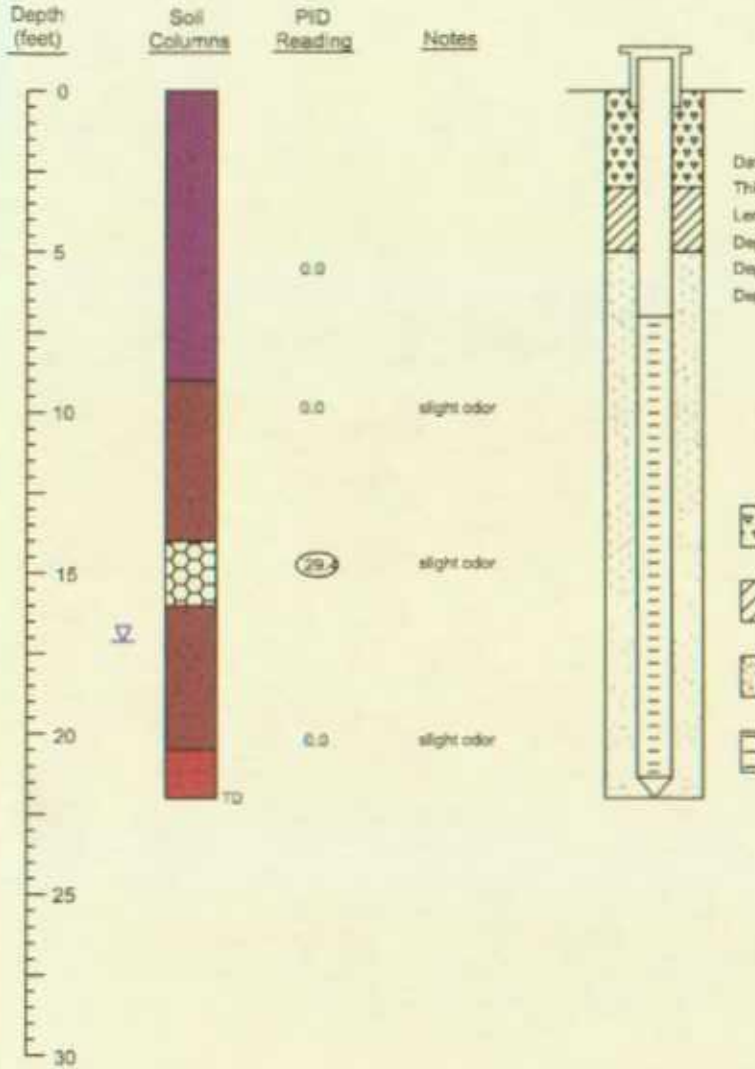
EOTT Energy Corp. Bob Durham Lea County, NM

ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 8



Monitoring Well Details

Date Drilled	01 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft
Depth to Ground Water	16 ft

Legend

- Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.
- Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)
- Caliche - White, hard, interbedded with sand.
- Indicates samples selected for laboratory analysis.
- Indicates the PSH level measured on date.
- Indicates the ground water level measured on date.
- PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

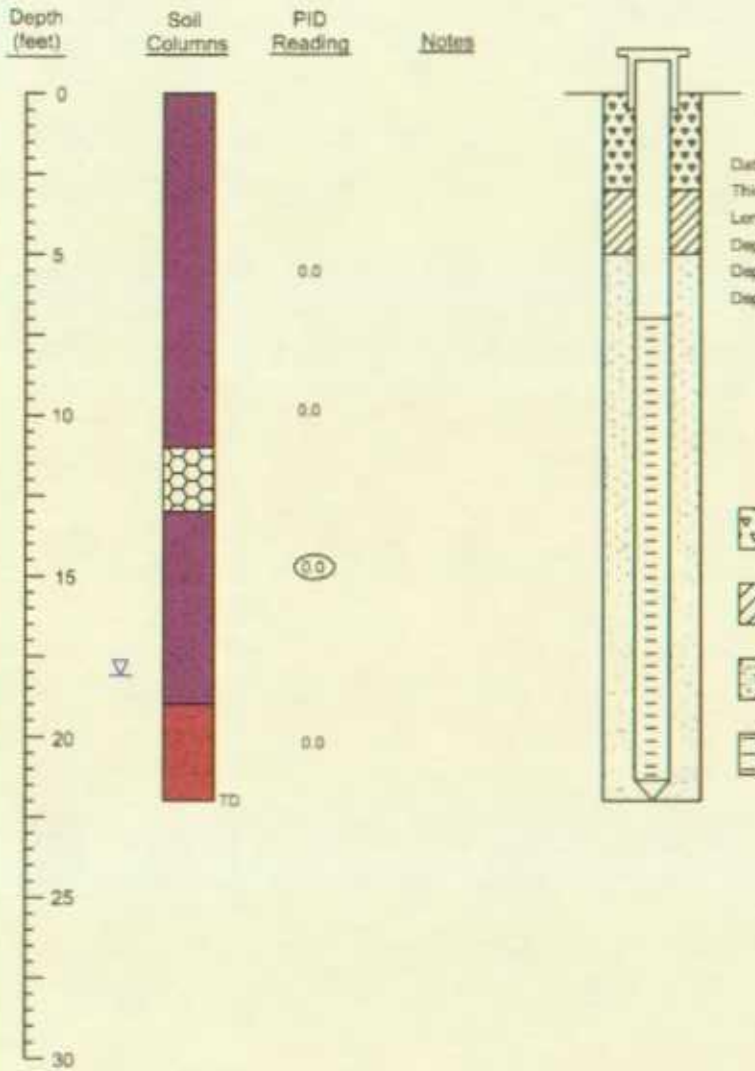
Monitoring Well - 8

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 14, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 9



Monitoring Well Details

Date Drilled	01 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft
Depth to Ground Water	17.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

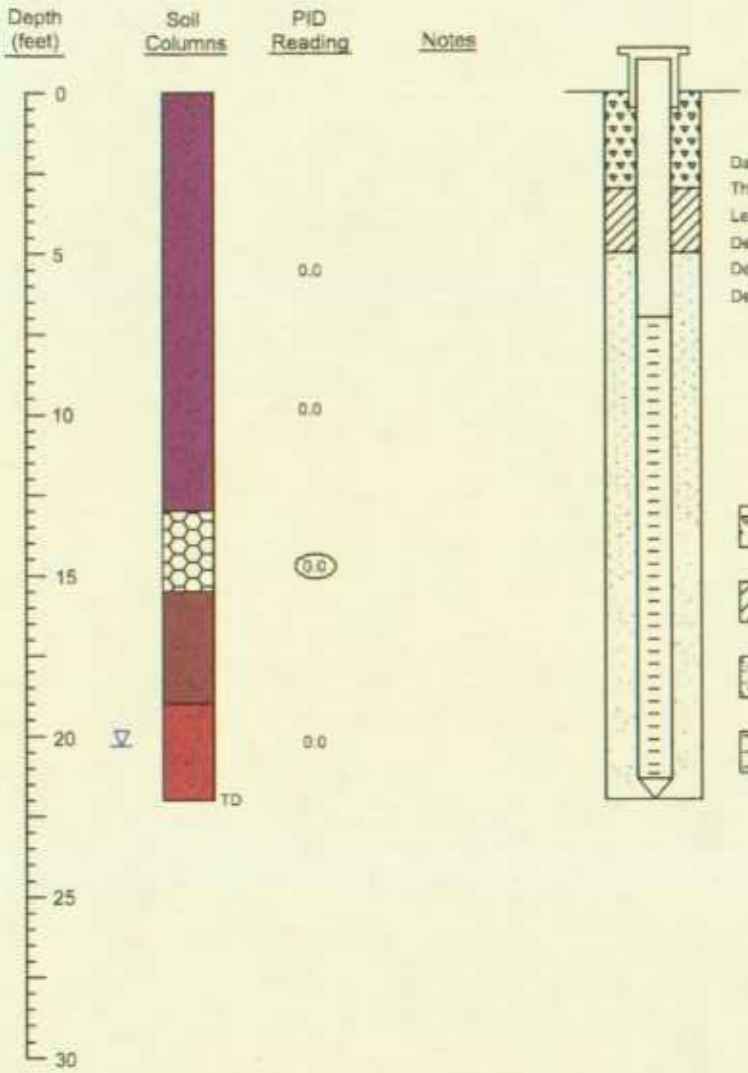
Monitoring Well - 9

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 10



Monitoring Well Details

Date Drilled	01 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

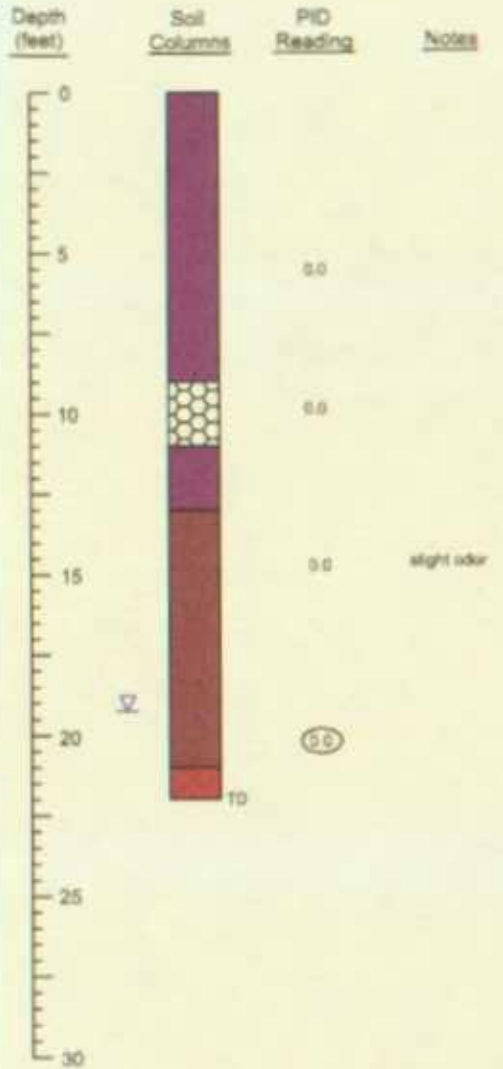
Monitoring Well - 10

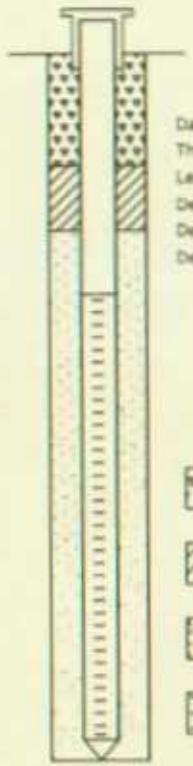
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 11





Monitoring Well Details

Date Drilled	01 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

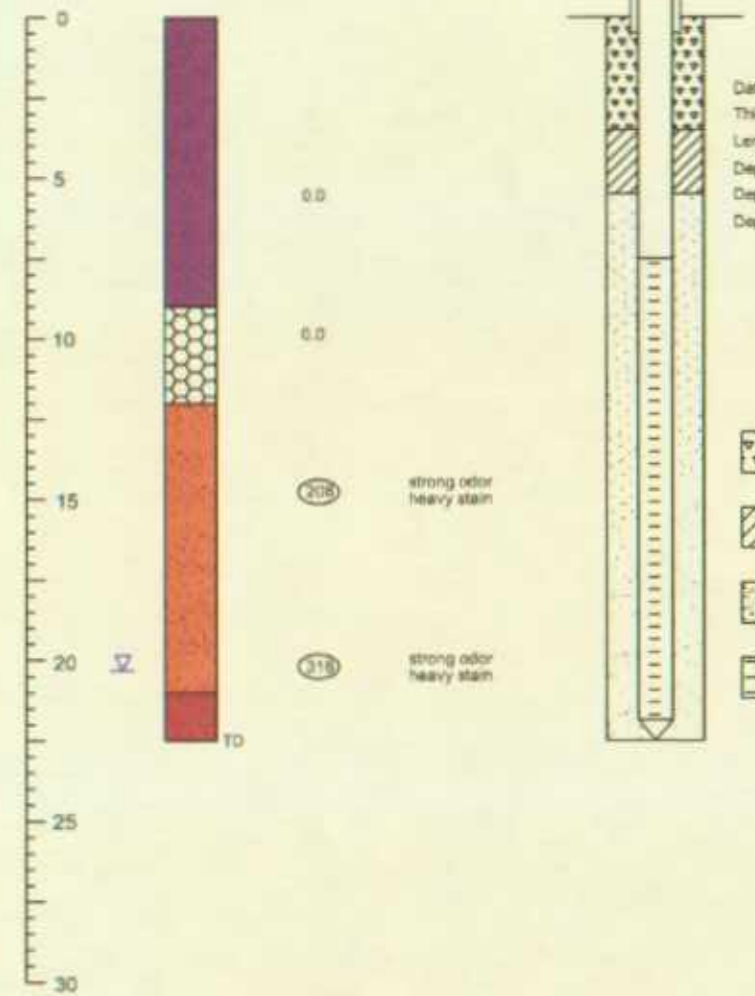
Monitoring Well - 11

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT20440	

Monitoring Well MW - 12



Monitoring Well Details

Date Drilled	01 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 12

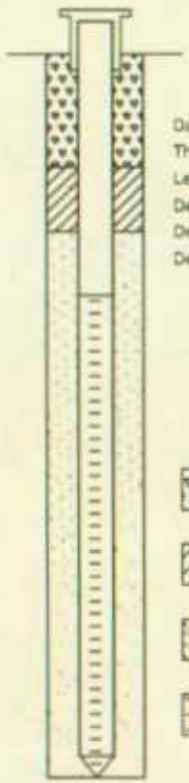
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RB	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 13





Monitoring Well Details

Date Drilled	01 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	17.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

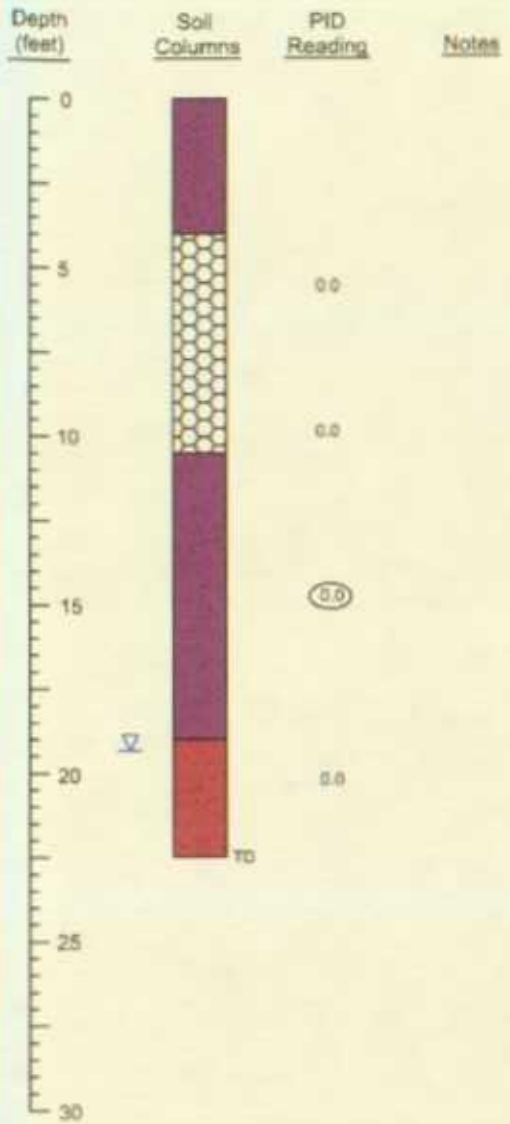
Monitoring Well - 13

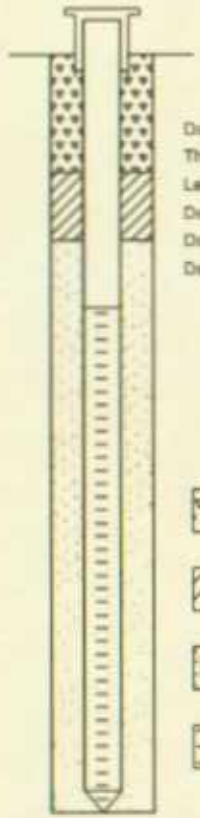
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 14





Monitoring Well Details

Date Drilled	01 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	15.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

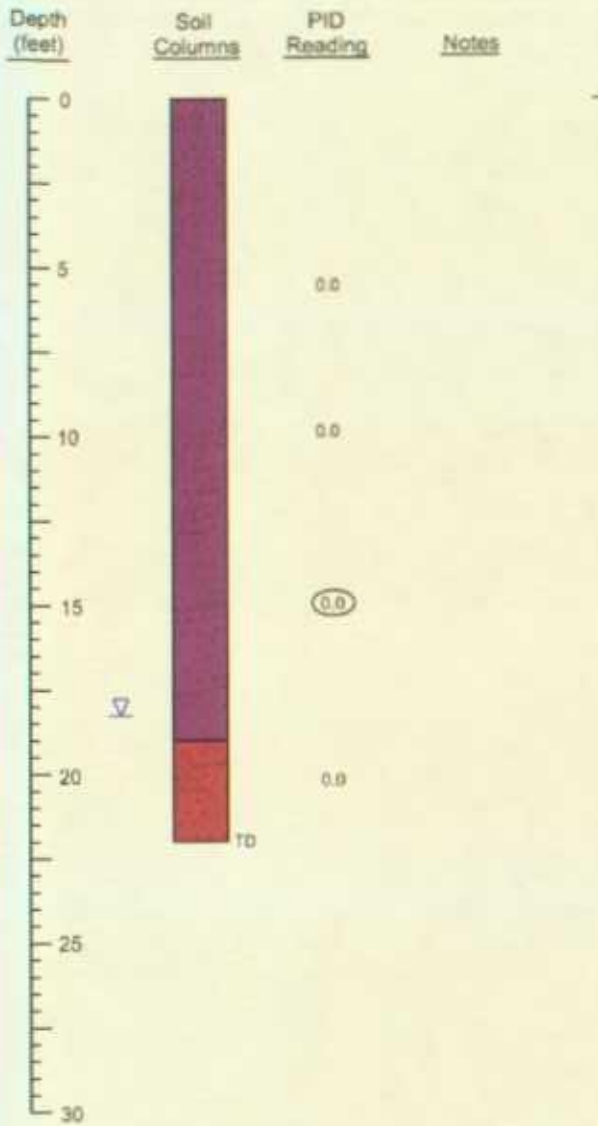
Monitoring Well - 14

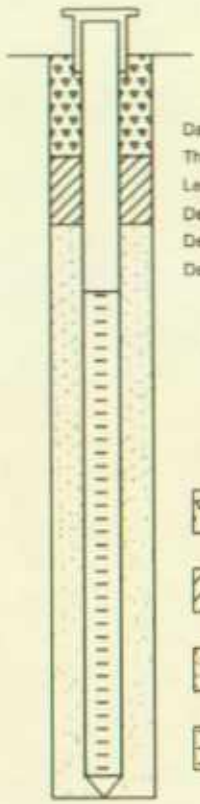
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 15





Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	20 ft
Depth of PVC Well	30 ft
Depth of Exploratory Well	30 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 15

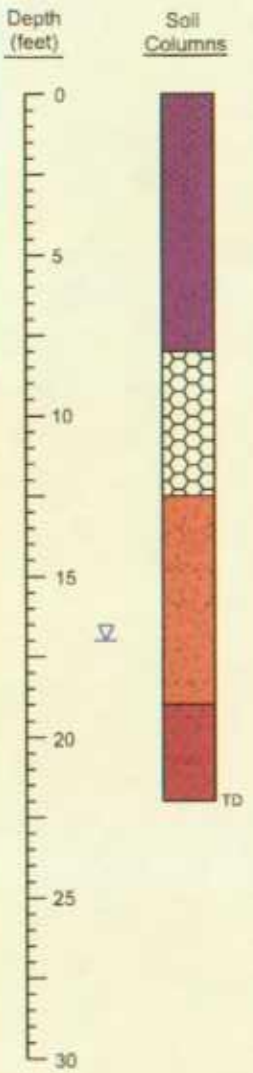
EOTT Energy Corp. Bob Durham Lea County, NM

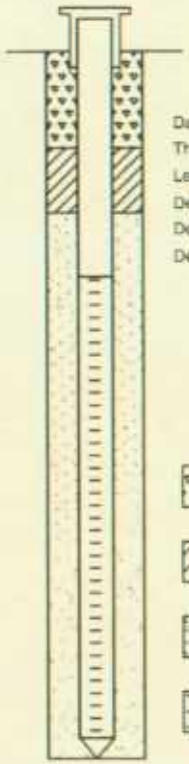
ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
March 17, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 16





Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	20 ft
Depth of PVC Well	30 ft
Depth of Exploratory Well	30 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

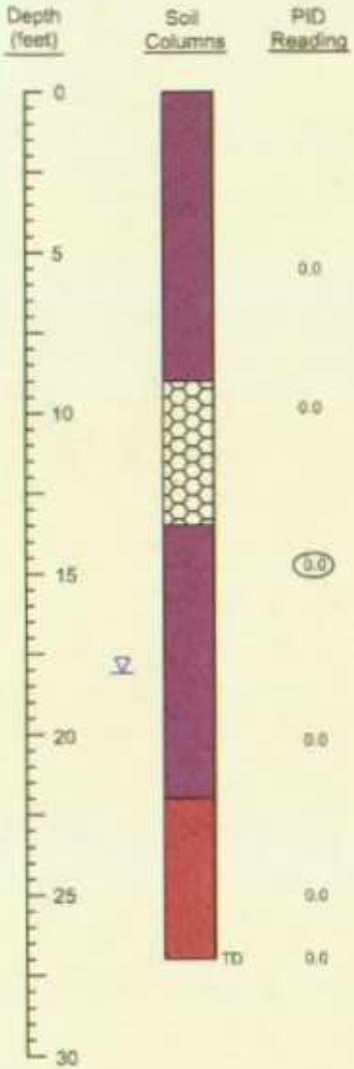
Monitoring Well - 16

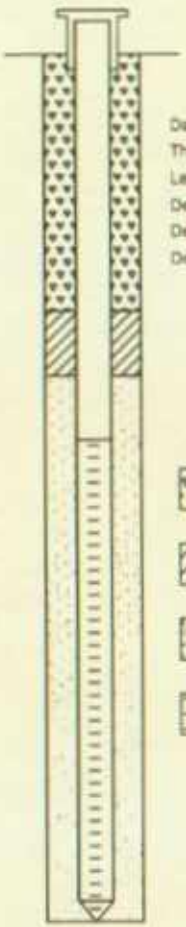
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
March 17, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 17





Monitoring Well Details

Date Drilled	02 - 07 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	27 ft
Depth of Exploratory Well	27 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

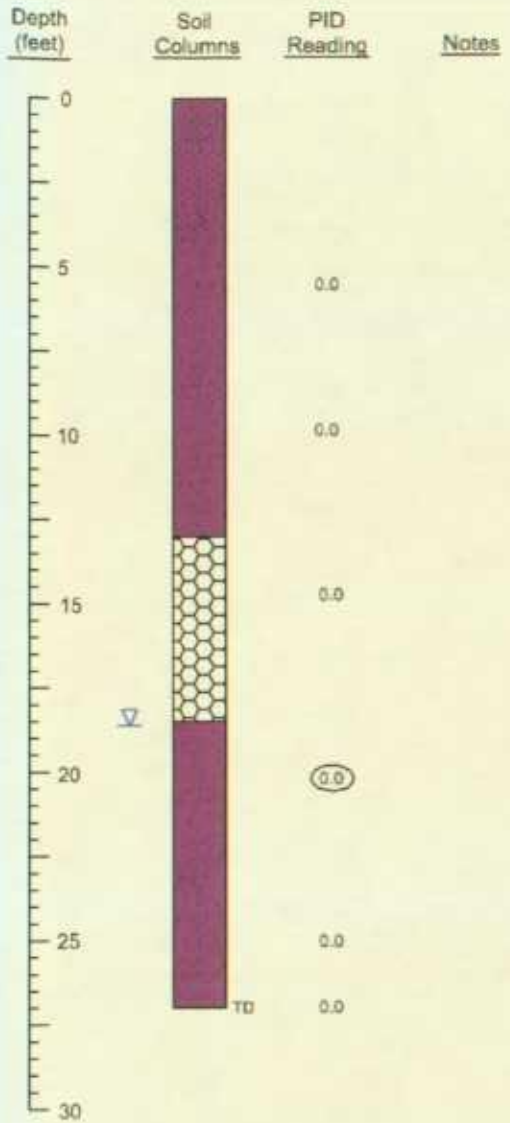
Monitoring Well - 17

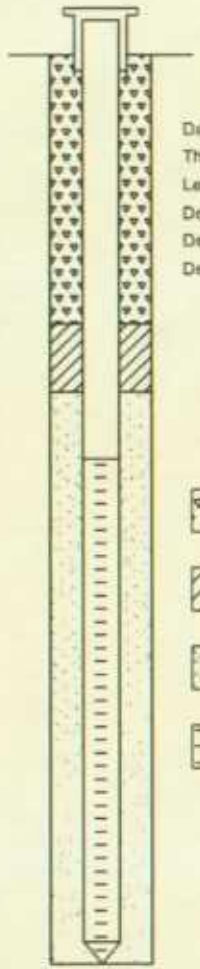
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 18





Monitoring Well Details

Date Drilled	02 - 07 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	27 ft
Depth of Exploratory Well	27 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

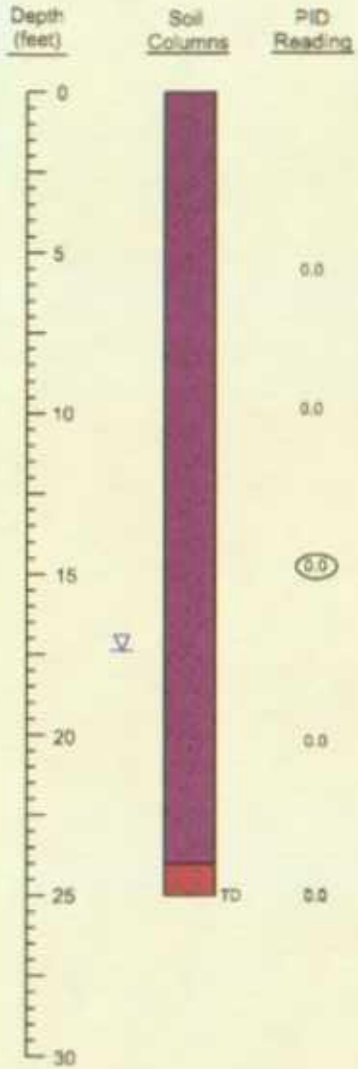
Monitoring Well - 18

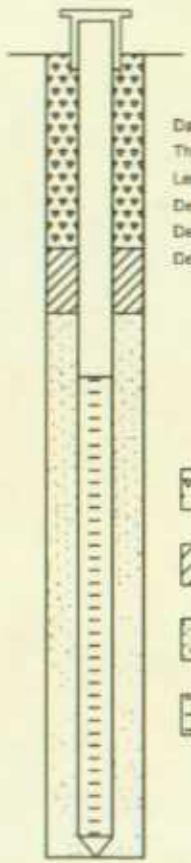
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 19





Monitoring Well Details

Date Drilled	02 - 09 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	18 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 19

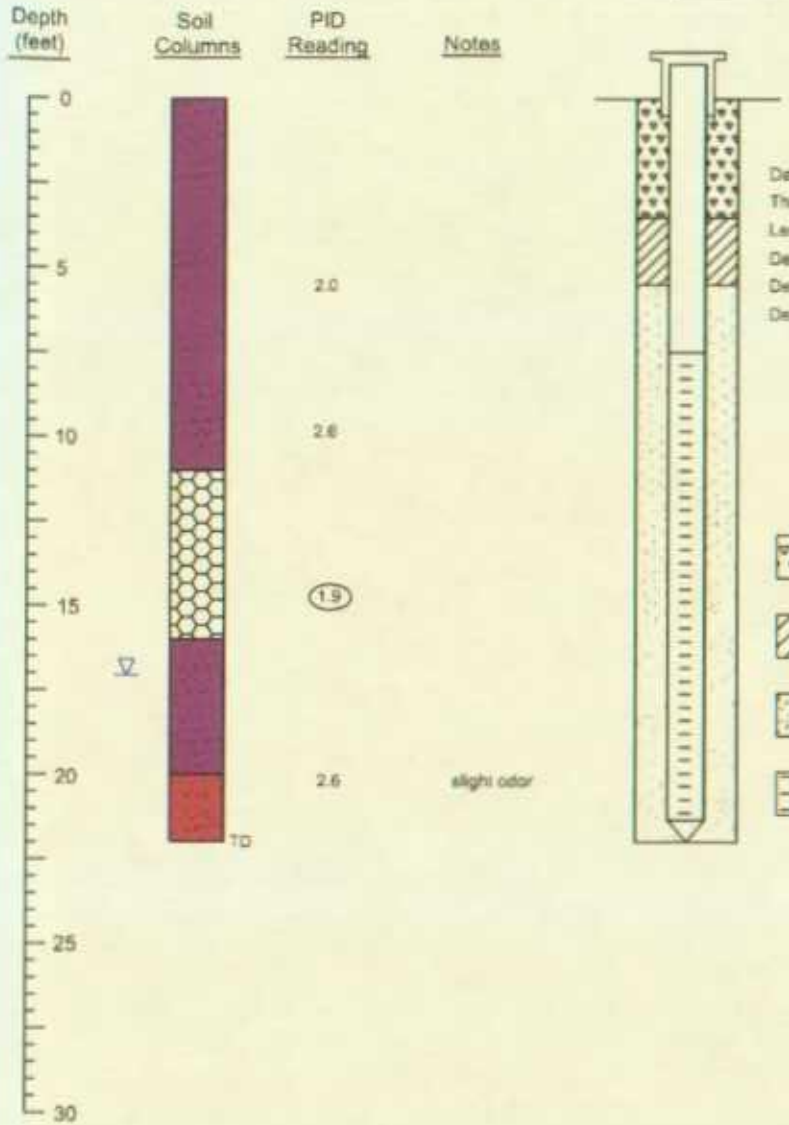
EOTT Energy Corp. Bob Durham Lea County, NM

ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 20



Monitoring Well Details

Date Drilled	02 - 09 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 20

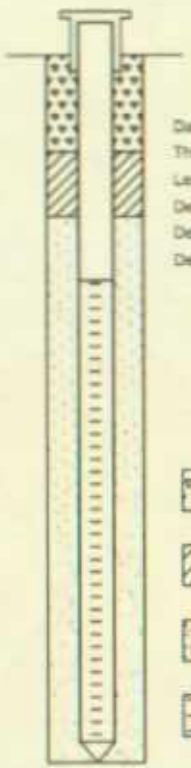
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT2044C	

Monitoring Well MW - 21





Monitoring Well Details

Date Drilled	01 - 25 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	20 ft
Depth of PVC Well	30 ft
Depth of Exploratory Well	30 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grain, well sorted, dry, no stain, no odor.

Sand - (SP) - Brown, slight odor, slight stain.

Sand - (SP) - Brown, strong to moderate odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.010 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked slick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

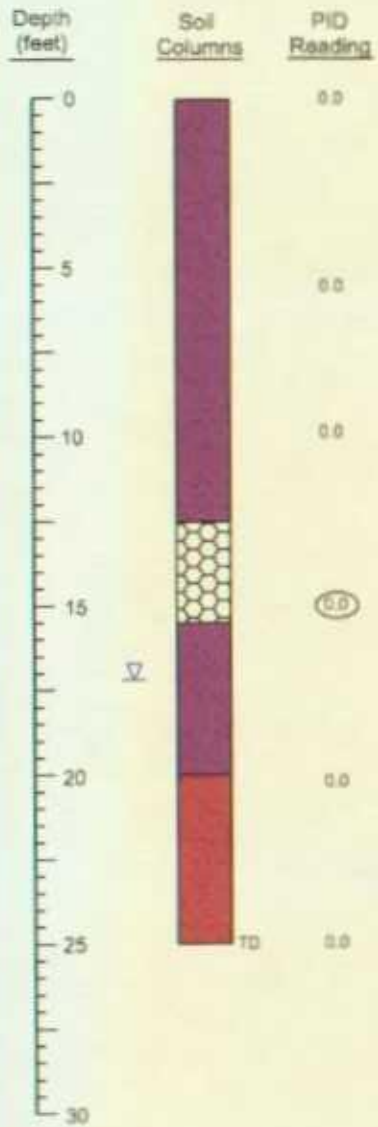
Monitoring Well - 21

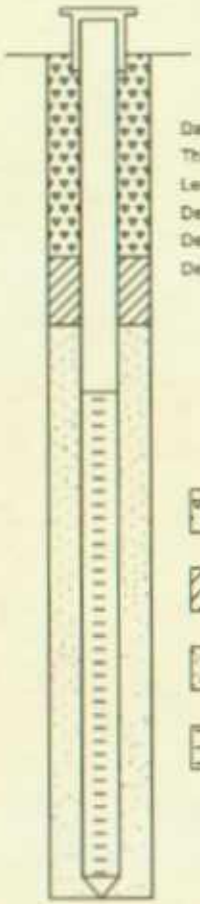
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RE	Checked By: JT
March 17, 2000	ETGI Project # EOT20HC	

Monitoring Well MW - 22





Monitoring Well Details

Date Drilled	02 - 10 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	20 ft
Depth of Exploratory Well	20 ft
Depth to Ground Water	18.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

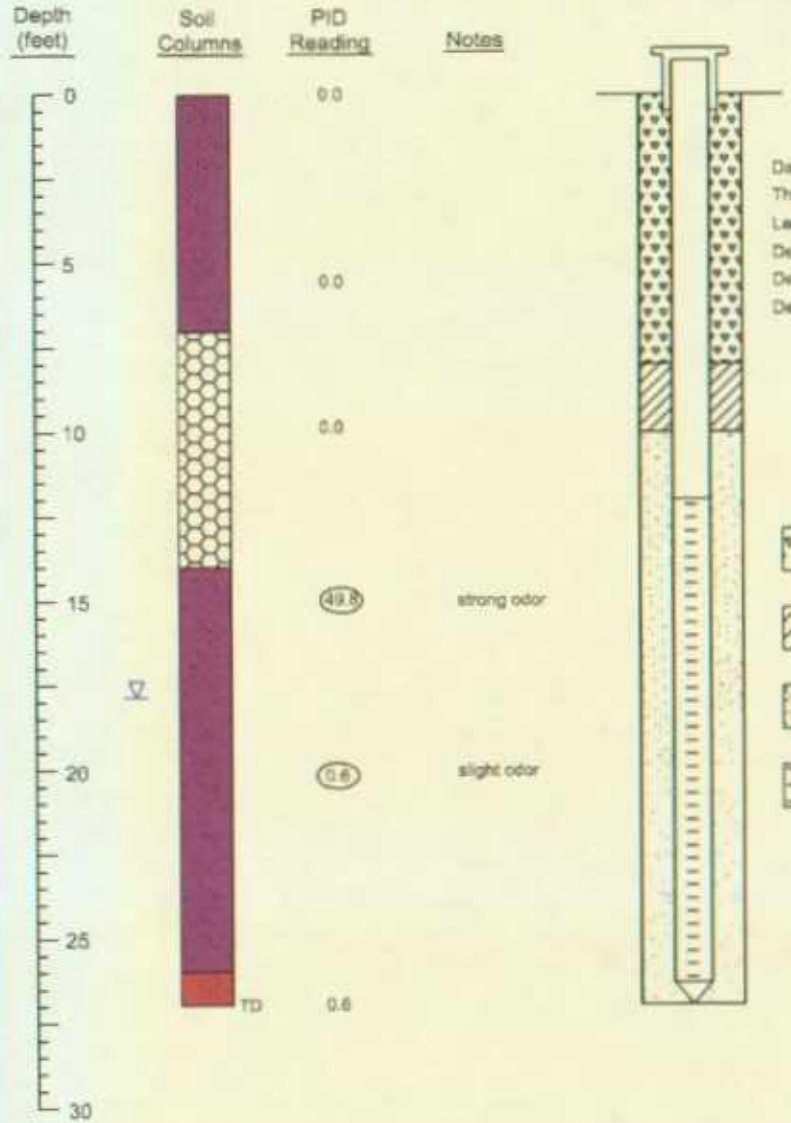
Monitoring Well - 22

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RG	Checked By: JT
February 22, 2000	ETGI Project # EOT 1044C	

Monitoring Well MW - 23



Monitoring Well Details

Date Drilled	02 - 10 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	27 ft
Depth of Exploratory Well	27 ft
Depth to Ground Water	19 ft

Legend

- Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.
- Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)
- Caliche - White, hard, interbedded with sand.
- Indicates samples selected for laboratory analysis
- Indicates the PSH level measured on date.
- Indicates the ground water level measured on date.
- PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked slick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

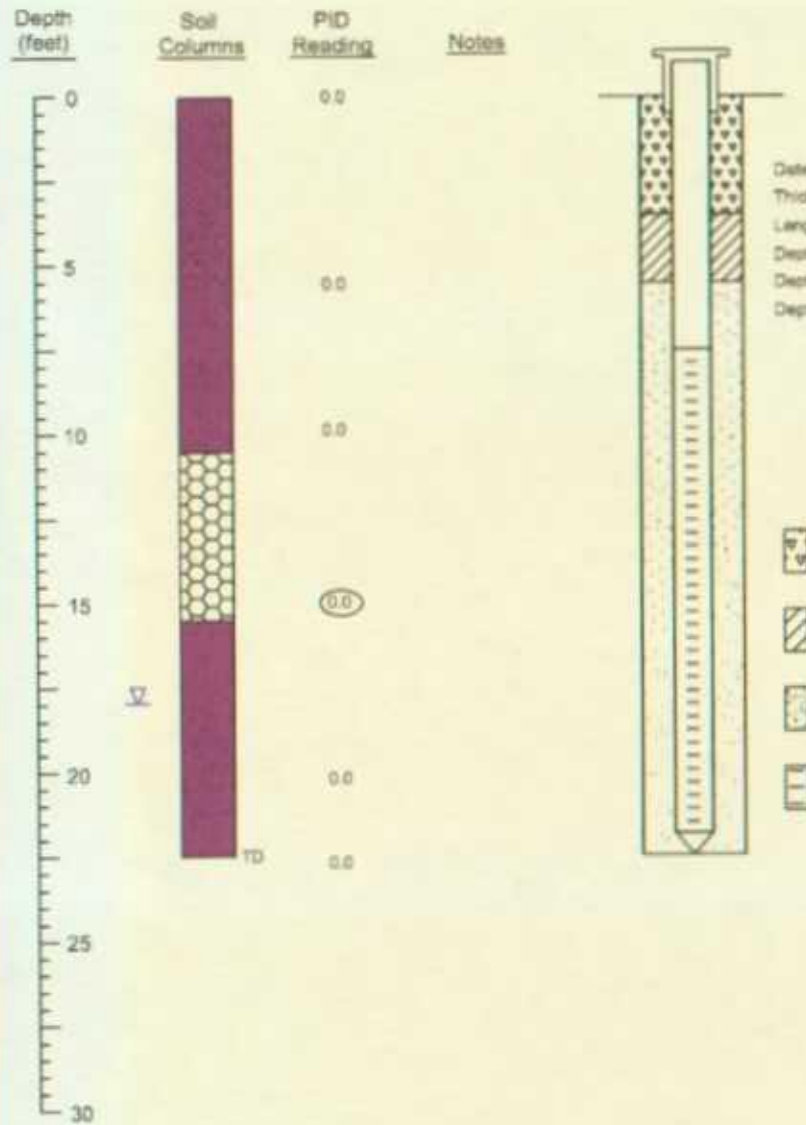
Monitoring Well - 23

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT 1044C	

Monitoring Well MW - 24



Monitoring Well Details

Date Drilled	02 - 10 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft
Depth to Ground Water	16 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

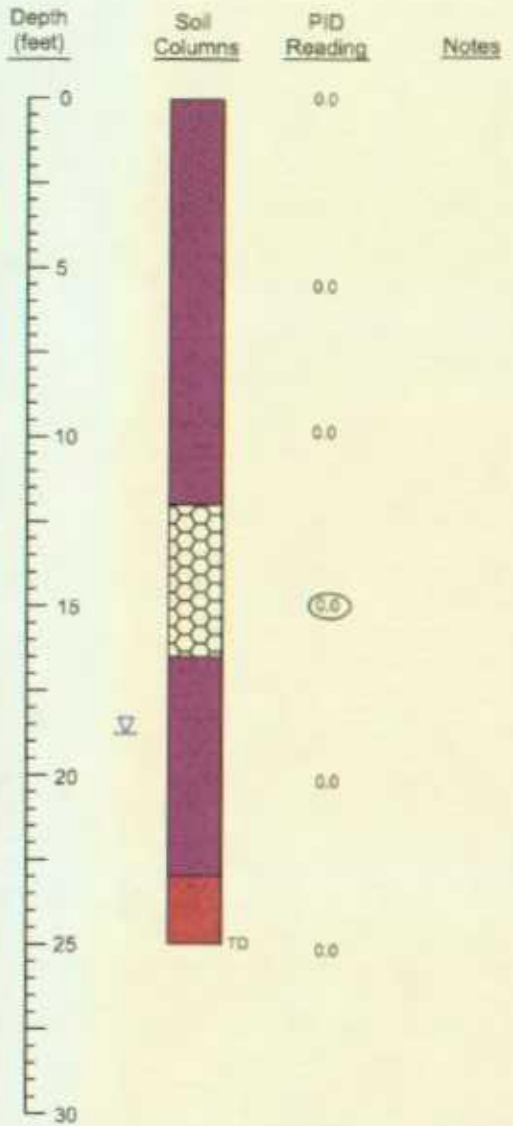
Monitoring Well - 24

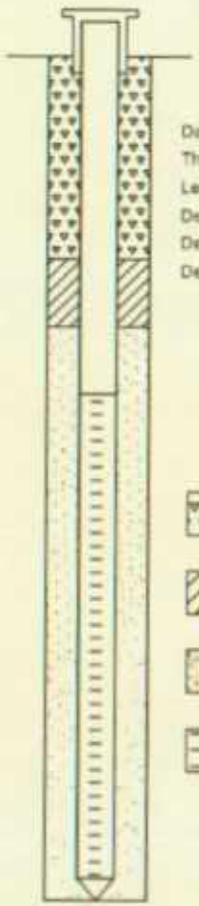
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
February 22, 2000	ETGI Project # EOT 1044C	

Monitoring Well MW - 25





Monitoring Well Details

Date Drilled	02 - 10 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	18.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, moderate stain.

Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

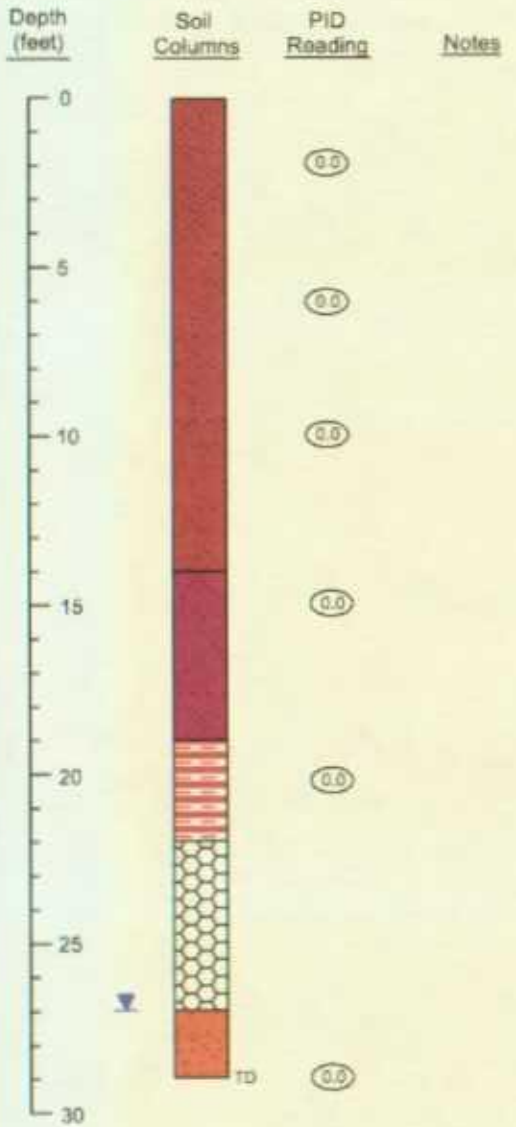
Monitoring Well - 25

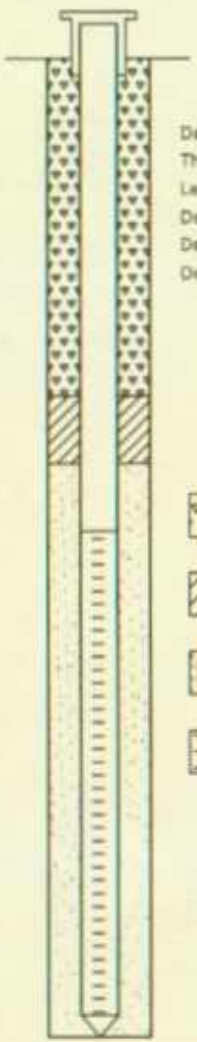
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RB	Checked By: JT
February 22, 2000	ETGI Project # EOT 1044C	

Monitoring Well MW - 26





Monitoring Well Details

Date Drilled	06 - 07 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	29 ft
Depth of Exploratory Well	29 ft
Depth to Ground Water	27 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked slick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

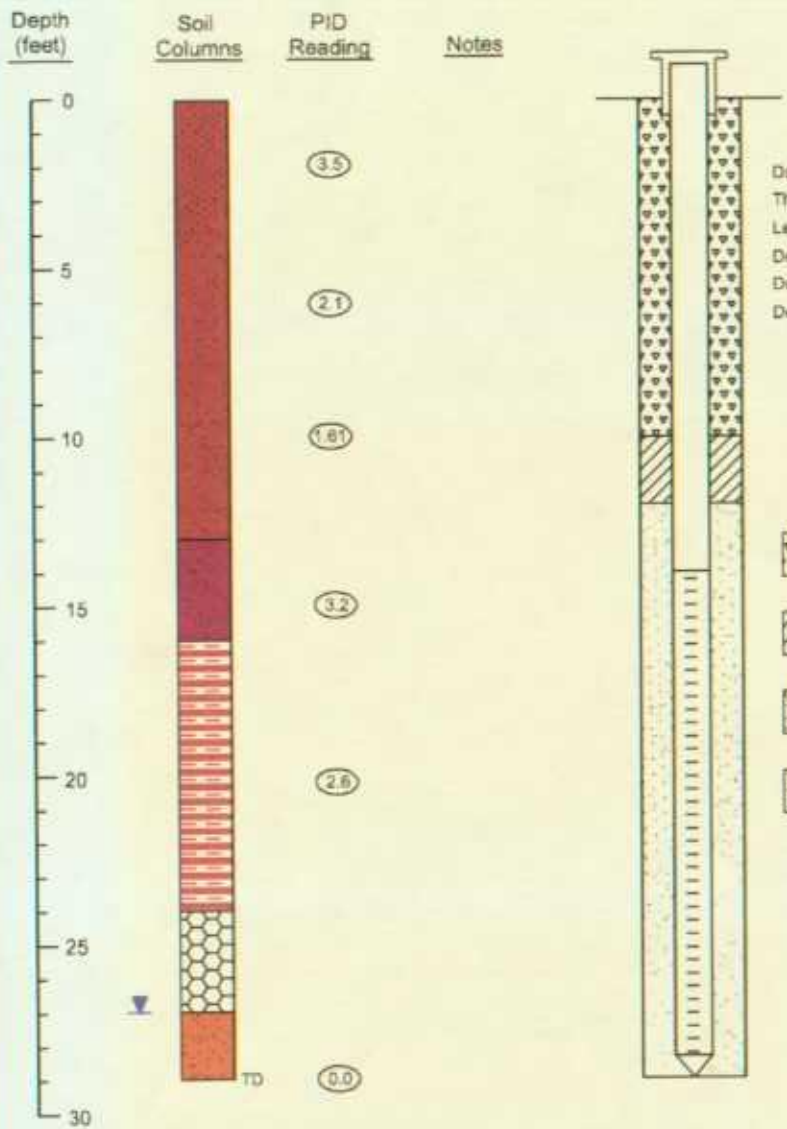
Monitoring Well - 26

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 07, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 27



Monitoring Well Details

Date Drilled	06 - 07 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	29 ft
Depth of Exploratory Well	29 ft
Depth to Ground Water	27 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked slick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

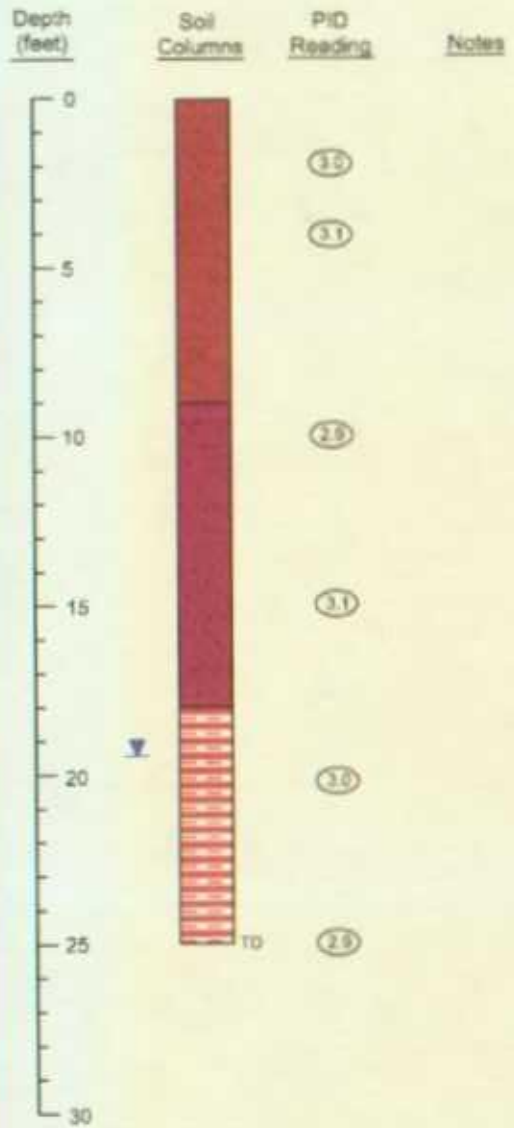
Monitoring Well - 27

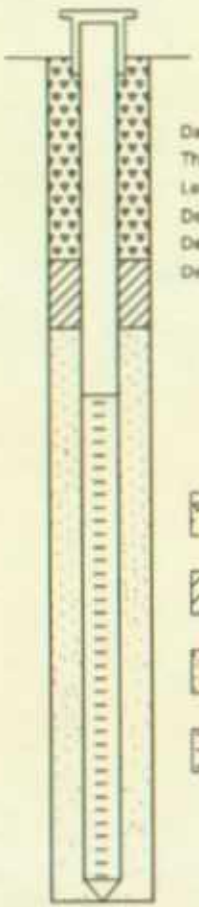
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 07, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 28





Monitoring Well Details

Date Drilled	06 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	19.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 28

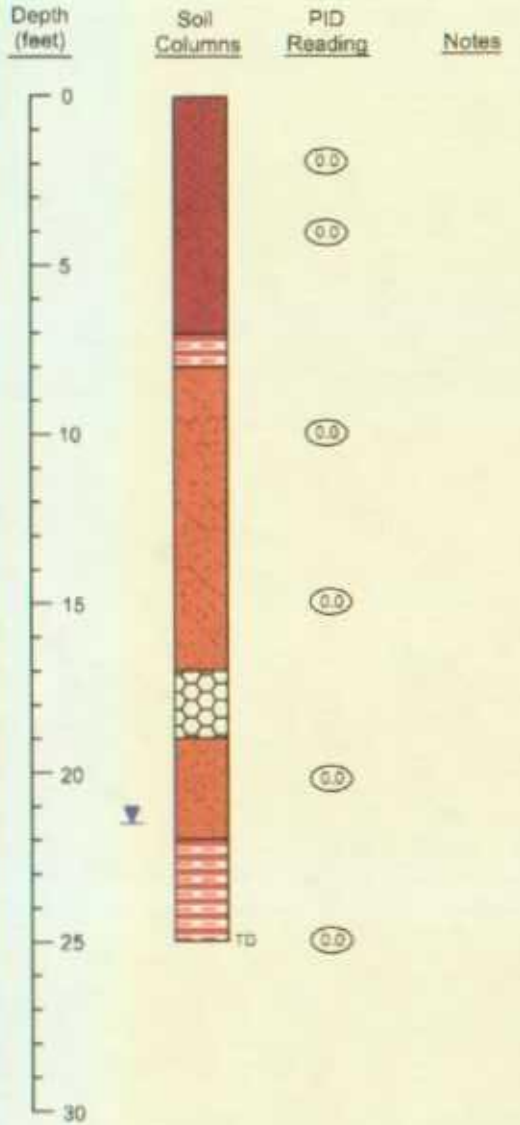
EOTT Energy Corp. Bob Durham Lea County, NM

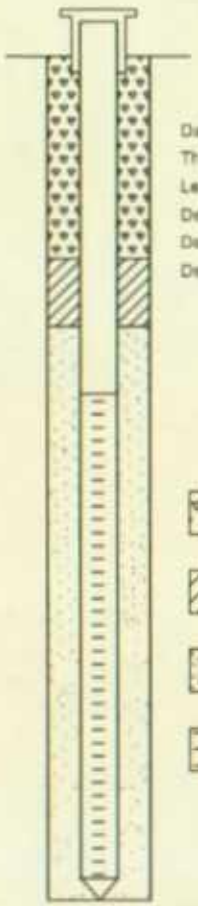
ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RB	Checked By: JT
June 26, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 29





Monitoring Well Details

Date Drilled	06 - 26 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	21.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

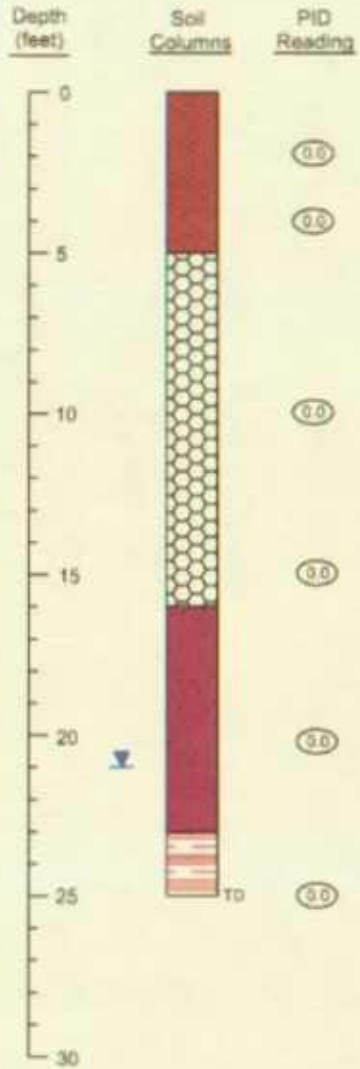
Monitoring Well - 29

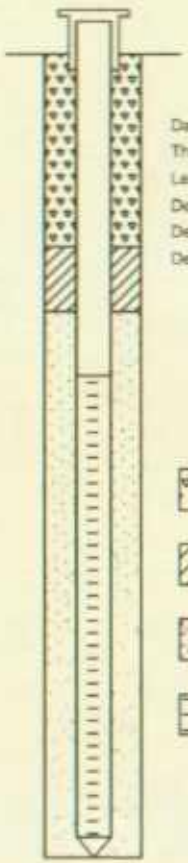
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 27, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 30





Monitoring Well Details

Date Drilled	06 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	21 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

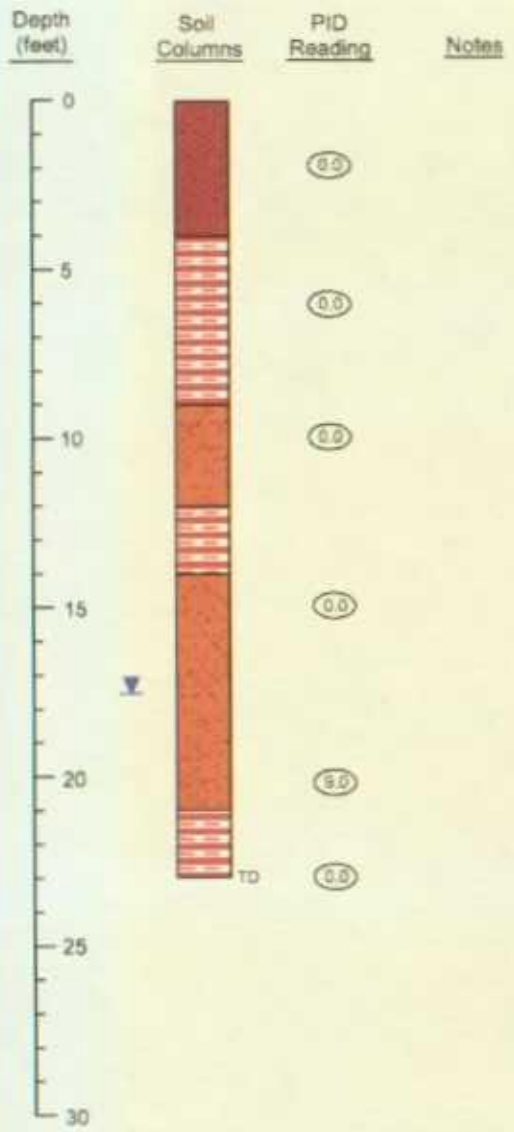
Monitoring Well - 30

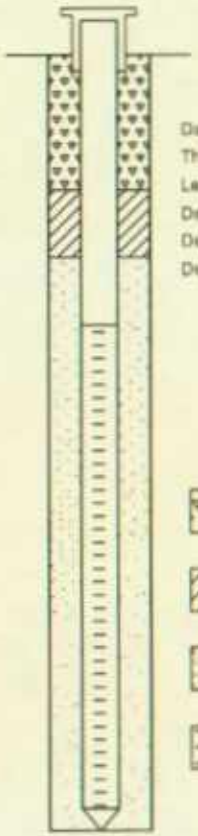
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 27, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 31





Monitoring Well Details

Date Drilled	06 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	23 ft
Depth of Exploratory Well	23 ft
Depth to Ground Water	17.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

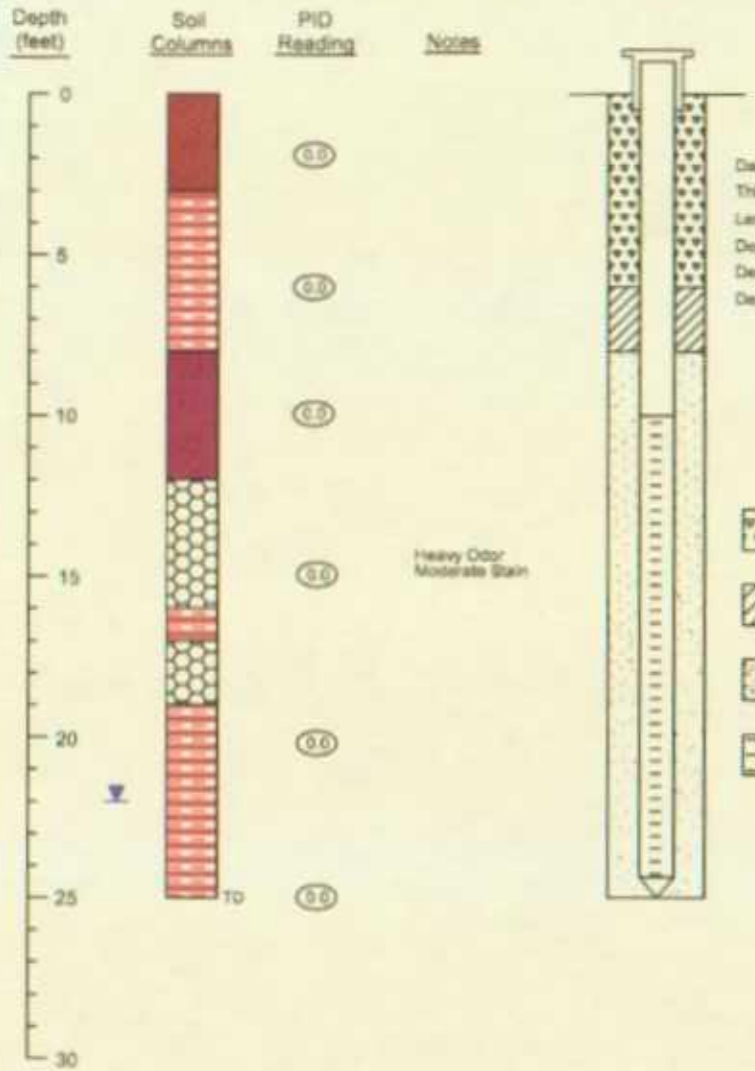
Monitoring Well - 31

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RB	Checked By: JT
June 27, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 32



Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Monitoring Well Details

Date Drilled	06 - 27 - 00
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	22 ft

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

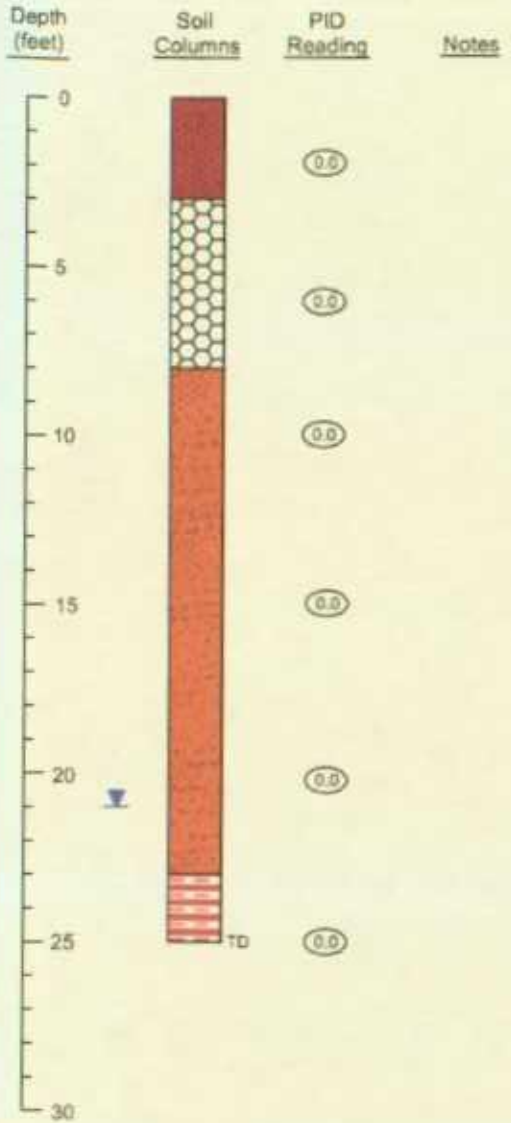
Monitoring Well - 32

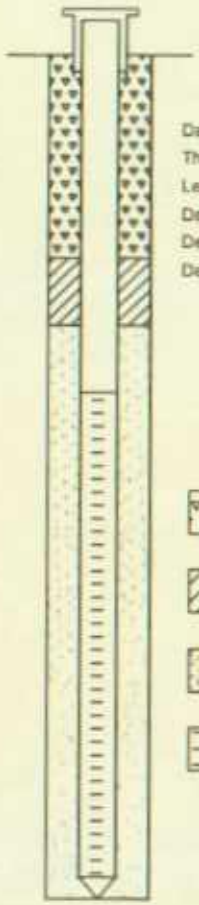
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 27, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 33





Monitoring Well Details

Date Drilled	06 - 27 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	21 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

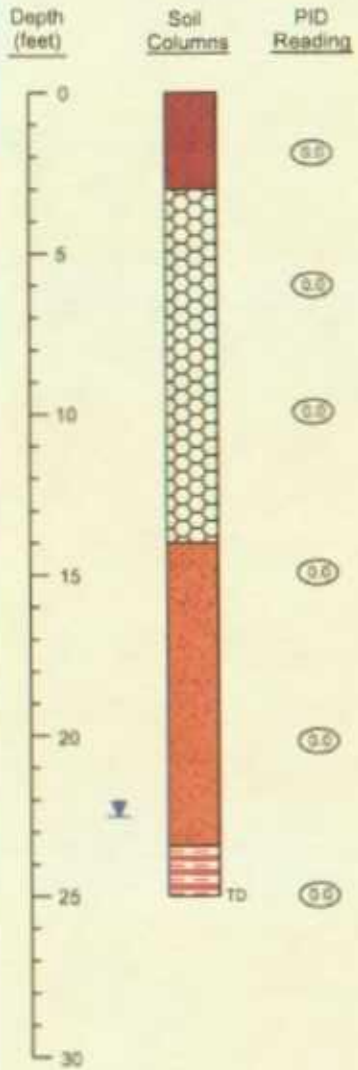
Monitoring Well - 33

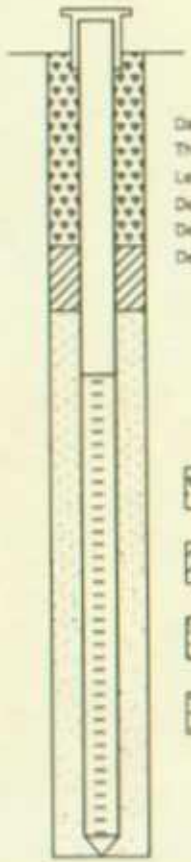
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 27, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 34





Monitoring Well Details

Date Drilled	06 - 28 - 00
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	22.3 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 34

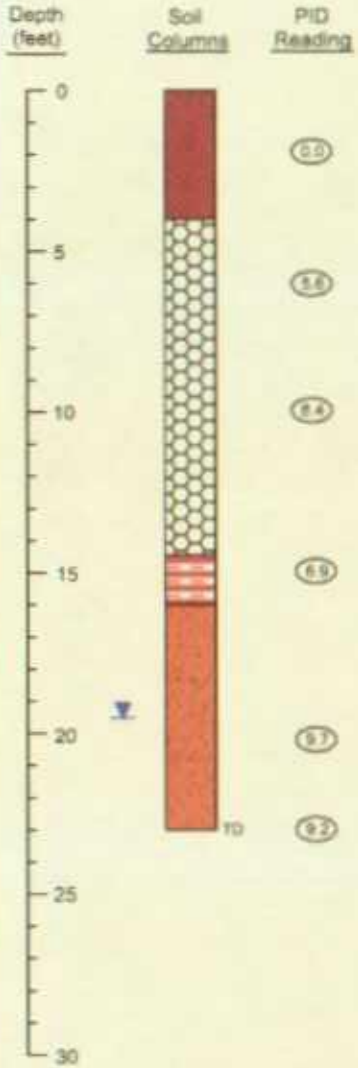
EOTT Energy Corp. Bob Durham Lea County, NM

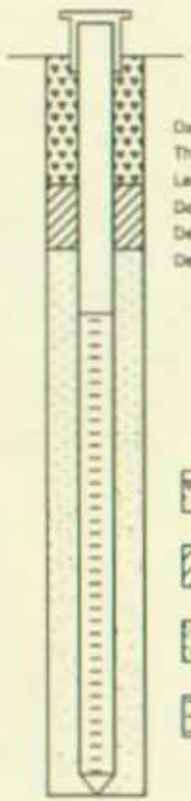
ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 28, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 35





Monitoring Well Details

Date Drilled	06 - 28 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	15 ft
Depth of PVC Well	23 ft
Depth of Exploratory Well	23 ft
Depth to Ground Water	19.3 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

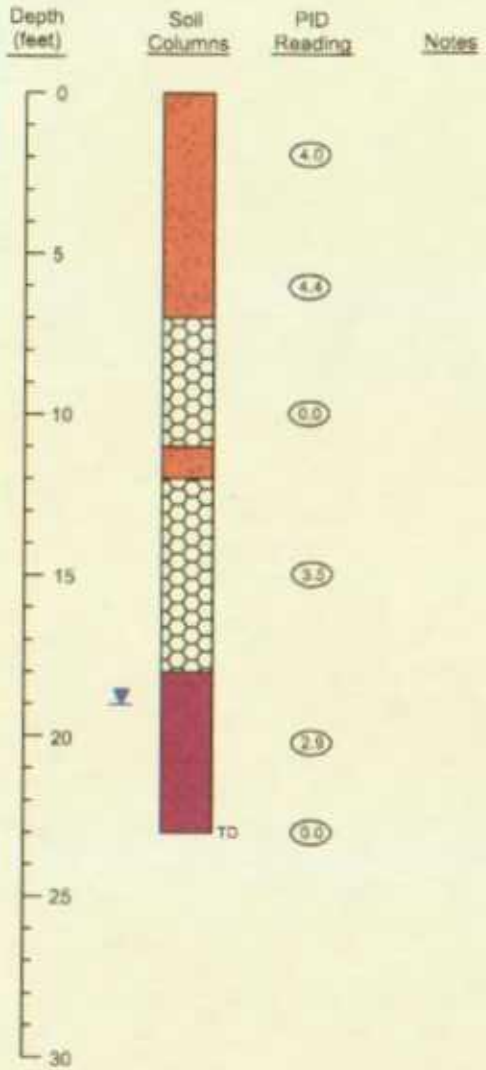
Monitoring Well - 35

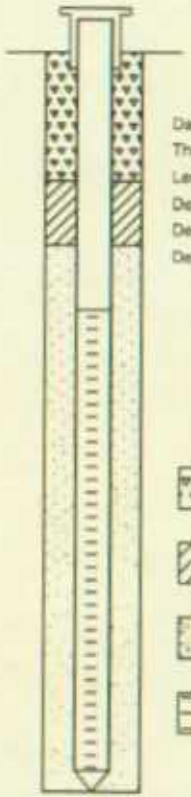
EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 28, 2000	ETGI Project # EOT 2044C	

Monitoring Well MW - 36





Monitoring Well Details

Date Drilled	06 - 28 - 00
Thickness of Bentonite Seal	2 ft
Lenght of PVC Well Screen	13 ft
Depth of PVC Well	23 ft
Depth of Exploratory Well	23 ft
Depth to Ground Water	19 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Legend

Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Red Brown, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Sand - (SP) - Tan white, very fine grained, well sorted, dry, no odor, no stain, interbedded with caliche nodules.

Clay - (SC) - Red, sandy, silty, soft, moist to wet. (Red bed - Triassic Dockum group)

Caliche - White, hard, interbedded with sand.

Indicates samples selected for laboratory analysis.

Indicates the PSH level measured on date.

Indicates the ground water level measured on date.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 36

EOTT Energy Corp. Bob Durham Lea County, NM

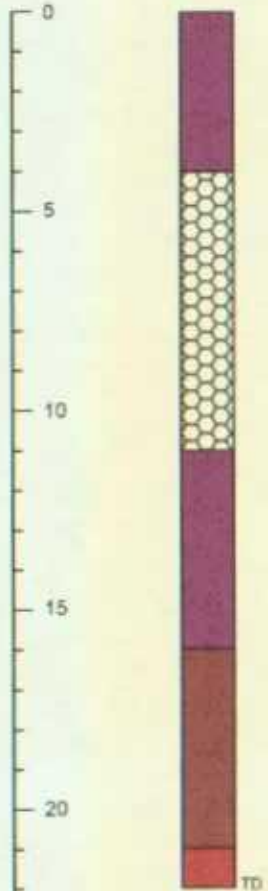
ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
June 28, 2000	ETGI Project # EOT 2044C	

Soil Boring SB - 1

Depth (feet)	Soil Columns	PID Reading	Notes
0			
5		0.0	
10		0.0	
15		(0.0)	
20		0.0	
25	TD		



Legend

- Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, slight stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.
- Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)
- Caliche - White, hard, interbedded with sand.

PID Head-space reading in ppm obtained with a photo-ionization detector.

(0.0) Indicates samples selected for laboratory analysis.

Soil Boring Details

Date Drilled 01 / 28 / 00

Plugged - Surface to TD with Bentonite and hydrated with deionized water

Soil Boring Log Details

Soil Boring SB - 1

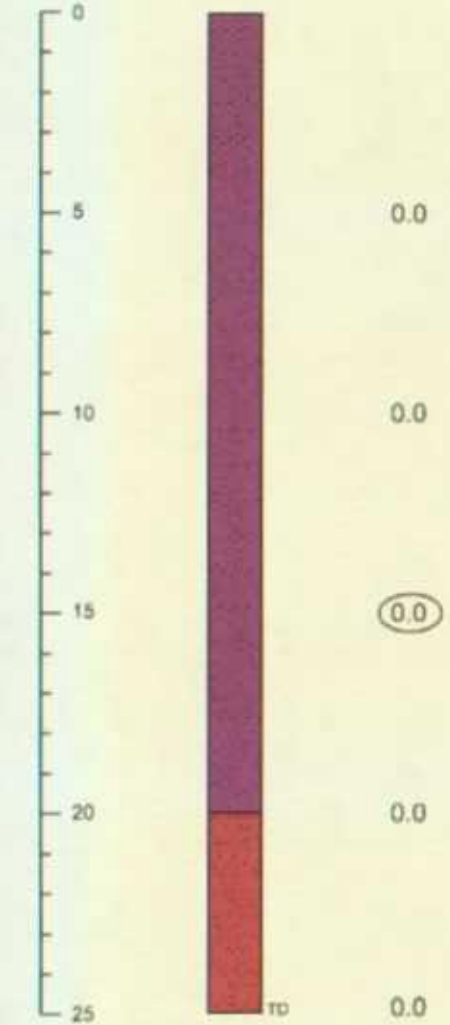
EOTT Energy Corp. Bob Durham Lea County, NM

ETGI

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
January 7, 2000	ETGI Project # EOT 1044C	

Soil Boring SB - 2



Legend

- Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, slight stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.
- Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)
- Caliche - White, hard, interbedded with sand.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Indicates samples selected for laboratory analysis.

Soil Boring Details

Date Drilled 02 / 09 / 00

Plugged - Surface to TD with Bentonite and hydrated with deionized water

Soil Boring Log Details

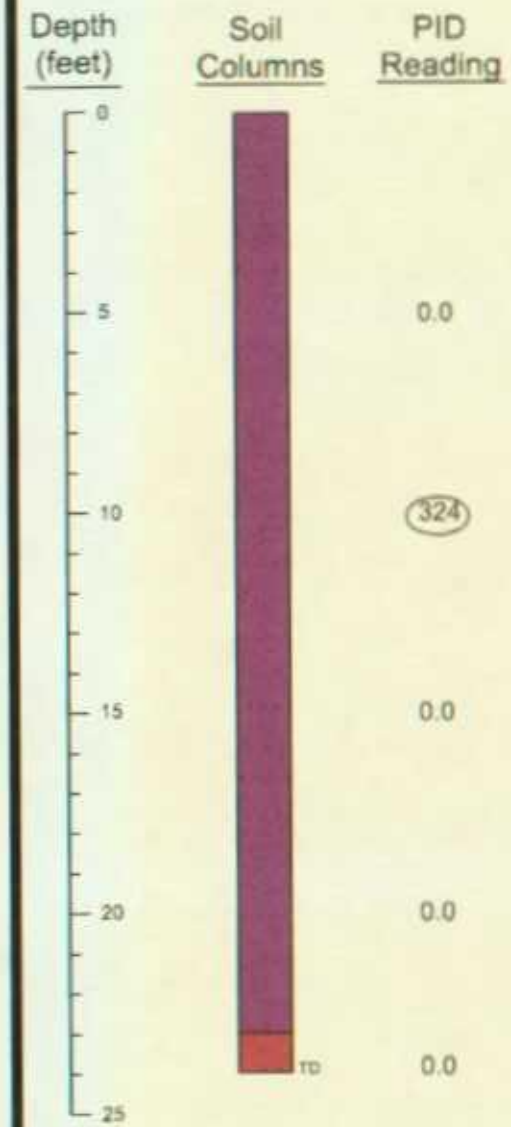
Soil Boring SB - 2

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
FEBRUARY 23, 2000	ETGI Project # EOT 1044C	

Soil Boring SB - 3



Notes

Legend

- Sand - (SP) - Brown, very fine grained, well sorted, dry, no odor, no stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, slight odor, slight stain.
- Sand - (SP) - Brown, very fine grained, well sorted, dry, moderate to strong odor, moderate stain.
- Clay - (ML) - Red, sandy, silty, soft, moist to wet. (Red Bed - Triassic Dockum Group)
- Caliche - White, hard, interbedded with sand.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Indicates samples selected for laboratory analysis.

Soil Boring Details

Date Drilled 02 / 09 / 00

Plugged - Surface to TD with Bentonite and hydrated with deionized water

Soil Boring Log Details

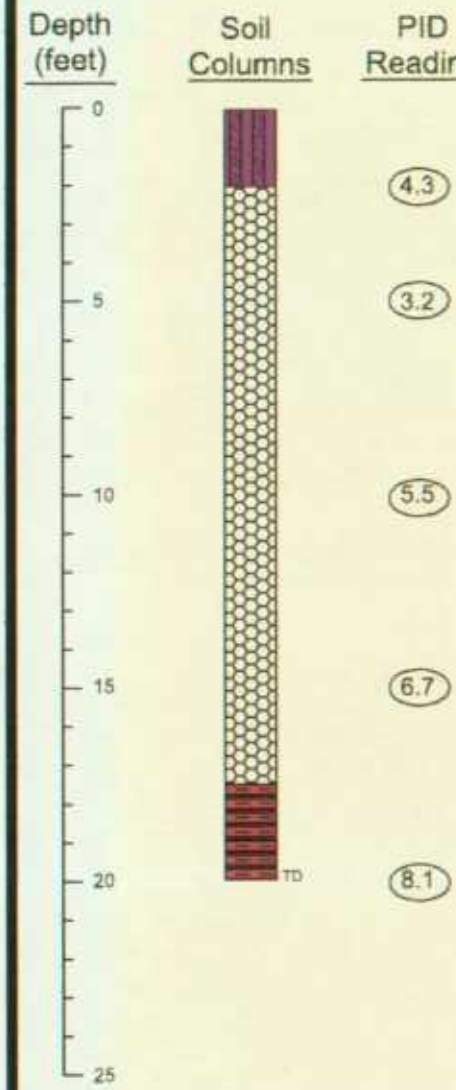
Soil Boring SB - 3

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: JT
FEBRUARY 23, 2000	ETGI Project # EOT 1044C	

Soil Boring SB - 4



Notes

Slight Hydrocarbon Odor

Legend

Sand - (SM) - Brown, very fine grained, well sorted, dry, no odor, no stain.

Caliche - White, hard, interbedded with sand.

Clay - Red to Brown.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Indicates samples selected for laboratory analysis.

Soil Boring Details

Date Drilled 06 / 17 /02

Plugged - Surface to TD with Bentonite and hydrated with deionized water

Soil Boring Log Details

Soil Boring SB - 4

EOTT Energy Corp. Bob Durham Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: JT
September 9, 2022	ETGI Project # EOT2044C	

APPENDIX B

Laboratory Analytical Data

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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Bob Durham
Project Name: EOT1044C
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 01/31/00
Analysis Date: 1/31 - 2/1/00

ELT#	FIELD CODE	SAMPLE DATE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
23236	MW-1 (5')	1/25/00	1838	3661
23237	MW-1 (15')	1/25/00	<10	<10
23238	MW-2 (5')	1/25/00	<10	<10
23239	MW-2 (15')	1/25/00	<10	26
23240	MW-3 (15')	1/25/00	<10	29
23241	MW-4 (15')	1/25/00	<10	<10
23242	MW-5 (15')	1/25/00	11	210
23243	MW-6 (15')	1/25/00	<10	37
23244	MW-7 (15')	1/25/00	49	420
23245	MW-8 (15')	1/26/00	<10	124
23246	MW-9 (15')	1/26/00	<10	<10
23247	MW-10 (15')	1/26/00	<10	<10
23248	MW-11 (20')	1/26/00	<10	<10
23249	MW-12 (15')	1/26/00	694	2807
23250	MW-12 (20')	1/26/00	104	863
23251	MW-13 (5')	1/27/00	<10	<10
23252	MW-13 (15')	1/27/00	<10	<10
23253	MW-14 (15')	1/27/00	<10	<10
23254	MW-15 (15')	1/27/00	<10	<10
23255	MW-16 (5')	1/27/00	<10	<10
23256	MW-16 (10')	1/27/00	<10	<10
23257	MW-16 (15')	1/27/00	794	2032
23258	SB-1 (15')	1/28/00	<10	17
	%INSTRUMENT ACCURACY		101	89
	% EXTRACTION ACCURACY		101	94
	BLANK		<10	<10

Methods: EPA SW 846-8015M GRC/DRO

Raland K. Tuttle — Date: 2-3-00

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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Bob Durham
Project Name: EOT1044C
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 01/31/00
Analysis Date: 1/31 - 2/2/00

ELT#	FIELD CODE / SAMPLE DATE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
23236	MW-1 (5') 1/25/00	2.51	13.7	13.2	51.5	17.3
23237	MW-1 (15') 1/25/00	<0.100	<0.100	<0.100	<0.100	<0.100
23238	MW-2 (5') 1/25/00	<0.100	<0.100	<0.100	<0.100	<0.100
23239	MW-2 (15') 1/25/00	<0.100	0.106	<0.100	0.129	<0.100
23240	MW-3 (15') 1/25/00	<0.100	0.143	<0.100	0.150	<0.100
23241	MW-4 (15') 1/25/00	<0.100	0.105	<0.100	<0.100	<0.100
23242	MW-5 (15') 1/25/00	<0.100	<0.100	<0.100	0.167	<0.100
23243	MW-6 (15' 1/25/00	<0.100	<0.100	<0.100	<0.100	<0.100
23244	MW-7 (15') 1/26/00	<0.100	0.166	0.170	0.720	0.383
23245	MW-8 (15') 1/26/00	<0.100	<0.100	<0.100	0.131	<0.100
23246	MW-9 (15') 1/26/00	<0.100	0.452	0.312	0.978	0.583
23247	MW-10 (15') 1/26/00	<0.100	<0.100	<0.100	<0.100	<0.100
23248	MW-11 (20') 1/26/00	<0.100	<0.100	<0.100	<0.100	<0.100
23249	MW-12 (15') 1/26/00	<0.100	1.10	1.57	6.16	3.16
23250	MW-12 (20') 1/26/00	<0.100	1.30	0.513	2.59	1.46
23251	MW-13 (5') 1/27/00	<0.100	0.110	<0.100	<0.100	<0.100
23252	MW-13 (15') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23253	MW-14 (15') 1/27/00	<0.100	0.216	0.243	0.264	0.143
23254	MW-15 (15') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23255	MW-16 (5') 1/27/00	<0.100	0.114	0.107	0.314	0.262
23256	MW-16 (10') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23257	MW-16 (15') 1/27/00	0.942	1.38	2.07	7.78	3.25
23258	SB-1 (15') 1/28/00	<0.100	<0.100	<0.100	0.115	<0.100
	% IA	91	91	86	89	87
	% EA	95	90	87	90	86
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

2-3-00
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: 74

Project Manager: J. TAYLOR

Phone #: (915) 664-9166

FAX #: (505) 392-3760

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

Project #: BOB DURHAM

Project Name: EOT 1044C

Project Location: MONUMENT, 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	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	TPH 8015 DRO/GRO
23236	MW-1 (5')	1	4oz		X						X			1-25	0750	X								X
23237	MW-1 (15')														0830									
23238	MW-2 (5')														0910									
23239	MW-2 (15')														0925									
23240	MW-3 (15')														1225									
23241	MW-4 (15')														1350									
23242	MW-5 (15')														1520									
23243	MW-6 (15')														1630									
23244	MW-7 (15')													1-26	0820									
23245	MW-8 (15')														0955									
23246	MW-9 (15')														1040									

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	31 Jan 00	1240	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	1/31/00	12:40	Celey Keene

REMARKS
FAX RESULTS:
K. DUTTON

INVOICE: L. FROST

Environmental Lab of Texas, Inc.

12600 West [redacted] East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

2 of 3

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 74

Project Manager: J. TAYLOR

Phone #: (915) 664-9166
FAX #: (505) 392-3760

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

Project #: BOB DURHAM

Project Name: EOT 1044C

Project Location: MONUMENT, 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	HONE	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021/5030	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	TPH 8015 DRO/GRO
23247	MW-10 (15')	1	40z	X							X			1-26	1145	X								X
23248	MW-11 (20')														1320									
23249	MW-12 (15')														1425									
23250	MW-12 (20')														1445									
23251	MW-13 (5')													1-27	0940									
23252	MW-13 (15')														1000									
23253	MW-14 (15')														1045									
23254	MW-15 (15')														1145									
23255	MW-16 (5')														1430									
23256	MW-16 (10')														1450									
23257	MW-16 (15')														1520									

Relinquished by:	Date:	Time:	Received by:
[signature]	31-Jan-00	1249	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 1/31/00	Time: 12:40	Received by Laboratory: [signature]

REMARKS

FAX RES; K. DUTTON

INVOICE: L. FROST

Environmental Lab of Texas, Inc.

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

3 of 3

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

74

Project Manager: J. TAYLOR

Phone #: (915) 664-9166

FAX #: (505) 392-3760

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

Project #: BOB DURHAM

Project Name: EOT 1044C

Project Location: MONUMENT 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 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	TPH 8015 DRO/GRO
23358	SB-1 (15')	1	4oz		X						X			1-28	1410									X

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	1-31-00	1290	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	1/31/00	12:40	Celey Keene

REMARKS

FAX RES: K. DUTTON

INVOICE: L. FROST

ENVIRONMENTAL LAB OF , INC.

COPY

"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

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 02/03/00
Analysis Date: 02/04/00

ELT#	FIELD CODE / SAMPLE DATE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
23358	MW-3 02/03/00	0.480	0.235	0.153	0.441	0.170
23359	MW-9 02/02/00	0.020	0.007	0.001	0.004	0.002
23360	MW-10 02/02/00	0.009	0.004	<0.001	<0.001	<0.001
23361	MW-11 02/02/00	0.027	0.009	0.002	0.004	0.001
23362	MW-13 02/02/00	0.821	0.008	0.020	0.007	0.004
23363	MW-14 02/03/00	0.004	0.001	<0.001	<0.001	<0.001
23364	MW-15 02/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	101	97	95	98	95
	% EA	104	99	97	101	99
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B,5030

Raland K Tuttle

Raland K. Tuttle

2-15-00

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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument,N.M.

Sampling Date: See Below
Receiving Date: 02/03/00
Analysis Date: See Below

ELT#	FIELD CODE / SAMPLE DATE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
23358	MW-3 02/03/00	82.8	80	0	300	568
23359	MW-9 02/02/00	107.8	106	0	300	660
23360	MW-10 02/02/00	109.5	89	0	300	618
23361	MW-11 02/02/00	182.5	115	0	350	823
23362	MW-13 02/02/00	89.8	115	0	370	703
23363	MW-14 02/03/00	230.0	106	0	350	840
23364	MW-15 02/03/00	178.8	106	0	350	803
	QUALITY CONTROL	52.1	5318	*	*	*
	TRUE VALUE	50.0	5000	*	*	*
	% PRECISION	104	106	*	*	*
	ANALYSIS DATE	02/12/00	02/07/00	02/12/00	02/12/00	02/11/00

METHODS: EPA 375.4, 325.3, 310, 160.1

Raland K. Tuttle

2-16-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-3

Sampling Date: 02/03/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/13/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23358	RPD	%EA	%IA
Naphthalene	0.005	0.013			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	61
2-Fluorobiphenyl SURR	62
Terphenyl-d14 SURR	40

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-9

Sampling Date: 02/02/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/13/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23359	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	56
2-Fluorobiphenyl SURR	56
Terphenyl-d14 SURR	35

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-10

Sampling Date: 02/02/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/13/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23360	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	65
2-Fluorobiphenyl SURR	67
Terphenyl-d14 SURR	33

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-11

Sampling Date: 02/02/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/13/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23361	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	54
2-Fluorobiphenyl SURR	51
Terphenyl-d14 SURR	23

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-13

Sampling Date: 02/02/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/14/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23362	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	35
2-Fluorobiphenyl SURR	38
Terphenyl-d14 SURR	15

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-14

Sampling Date: 02/03/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/14/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23363	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	62
2-Fluorobiphenyl SURR	63
Terphenyl-d14 SURR	30

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-15

Sampling Date: 02/03/00
Receiving Date: 02/03/00
Extraction Date: 02/08/00
Analysis Date: 02/14/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23364	RPD	%EA	%IA
Naphthalene	0.005	ND			54
Acenaphthylene	0.005	ND			66
Acenaphthene	0.005	ND	6.35	61	66
Fluorene	0.005	ND			72
Phenanthrene	0.005	ND			76
Anthracene	0.005	ND			76
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	10.13	75	84
Benzo[a]anthracene	0.005	ND			84
Chrysene	0.005	ND			82
Benzo[b]fluoranthene	0.005	ND			68
Benzo[k]fluoranthene	0.005	ND			118
Benzo [a]pyrene	0.005	ND			80
Indeno[1,2,3-cd]pyrene	0.005	ND			84
Dibenz[a,h]anthracene	0.005	ND			84
Benzo[g,h,i]perylene	0.005	ND			86

	% RECOVERY
Nitrobenzene-d5 SURR	90
2-Fluorobiphenyl SURR	91
Terphenyl-d14 SURR	28

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/Iced/HCl
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sample Date: 02/03/00
Receiving Date: 02/03/00
Analysis Date: 02/09/00
Analysis Date: Hg 02/08/00

Analyte (mg/L)	MW-3 23358	MW-14 23363	MW-15 23364	Reporting Limit	%IA	%EA	BLANK	RPD
Aluminum	28.70	55.70	11.90	5.000	97	104	<0.0500	1.41
Arsenic	ND	ND	ND	0.1000	102	120	<0.0050	3.39
Barium	1.530	1.340	1.090	1.000	94	97	<0.0100	0.48
Beryllium	ND	ND	ND	0.0040	106	110	<0.0040	0.00
Cadmium	ND	0.0140	ND	0.0100	100	101	<0.0010	1.90
Calcium	626.0	2540	2020	10.00	96	*	<1.000	0.73
Chromium	ND	0.1200	0.0610	0.0500	97	98	<0.0050	1.47
Cobalt	ND	0.2180	ND	0.0500	99	101	<0.0200	0.99
Copper	ND	ND	ND	1.000	98	106	<0.0100	0.38
Iron	15.70	33.30	6.330	1.000	104	96	<0.0500	3.00
Lead	ND	0.0530	ND	0.0500	98	100	<0.0030	1.98
Magnesium	34.40	73.50	38.50	1.000	97	*	<1.000	0.55
Manganese	0.5010	16.40	0.5620	0.2000	96	97	<0.0150	0.95
Mercury	ND	ND	ND	0.00020	99	89	<0.00020	2.22
Molybdenum	ND	ND	ND	1.00	98	101	<0.050	0.99
Nickel	ND	0.2150	ND	0.2000	97	100	<0.0100	0.80
Potassium	13.90	32.80	12.50	1.000	84	*	<1.000	0.92
Selenium	ND	ND	ND	0.0500	106	110	<0.0050	1.57
Silver	ND	ND	ND	0.05000	104	104	<0.0050	0.00
Sodium	69.10	155.0	169.0	1.000	108	*	<1.000	1.12
Tin	0.0630	0.1240	0.0910	0.0500	98	103	<0.0500	2.87
Vanadium	0.1230	0.3060	0.0810	0.0200	97	104	<0.0200	0.95
Zinc	ND	ND	ND	10.00	102	104	<0.0200	0.84
Boron	ND	ND	ND	0.750	97	99	<0.050	1.65
Strontium	1.32	2.30	1.70	0.050	95	95	<0.050	1.54

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

Raland K. Tuttle

2-15-00
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

Sample Type: Water
Sample Condition: Intact/Iced/HCl
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sample Date: 02/02/00
Receiving Date: 02/03/00
Analysis Date: 02/09/00
Analysis Date: Hg 02/08/00

Analyte (mg/L)	MW-9 23359	MW-10 23360	MW-11 23361	MW-13 23362	Reporting Limit	%IA	%EA	BLANK	RPD
Aluminum	ND	ND	ND	ND	5.000	97	104	<0.0500	1.41
Arsenic	ND	ND	ND	ND	0.1000	102	120	<0.0050	3.39
Barium	ND	ND	ND	ND	1.000	94	97	<0.0100	0.48
Beryllium	ND	ND	ND	ND	0.0040	106	110	<0.0040	0.00
Cadmium	ND	ND	ND	ND	0.0100	100	101	<0.0010	1.90
Calcium	138.0	279.0	712.0	430.0	10.00	96	*	<1.000	0.73
Chromium	ND	ND	ND	ND	0.0500	97	98	<0.0050	1.47
Cobalt	ND	ND	ND	ND	0.0500	99	101	<0.0200	0.99
Copper	ND	ND	ND	ND	1.000	98	106	<0.0100	0.38
Iron	ND	2.180	2.190	2.970	1.000	104	96	<0.0500	3.00
Lead	ND	ND	ND	ND	0.0500	98	100	<0.0030	1.98
Magnesium	18.30	22.30	27.50	26.90	1.000	97	*	<1.000	0.55
Manganese	ND	ND	0.4900	ND	0.2000	96	97	<0.0150	0.95
Mercury	ND	ND	ND	ND	0.00020	99	89	<0.00020	2.22
Molybdenum	ND	ND	ND	ND	1.00	98	101	<0.050	0.99
Nickel	ND	ND	ND	ND	0.2000	97	100	<0.0100	0.80
Potassium	7.780	6.640	8.230	7.140	1.000	84	*	<1.000	0.92
Selenium	ND	ND	ND	ND	0.0500	106	110	<0.0050	1.57
Silver	ND	ND	ND	ND	0.05000	104	104	<0.0050	0.00
Sodium	100.0	82.50	152.0	89.10	1.000	108	*	<1.000	1.12
Tin	ND	ND	0.0580	0.0540	0.0500	98	103	<0.0500	2.87
Vanadium	0.0270	0.0400	0.0460	0.0350	0.0200	97	104	<0.0200	0.95
Zinc	ND	ND	ND	ND	10.00	102	104	<0.0200	0.84
Boron	ND	ND	ND	ND	0.750	97	99	<0.050	1.65
Strontium	1.02	1.20	1.25	1.26	0.050	95	95	<0.050	1.54

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

Raland K. Tuttle

2-15-00
Date

Environmental Lab of Texas, Inc.

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

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 077

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 1040C
Project Name: Bob Dunham

Project Location: Monument, New Mexico
Sampler Signature: Jesse Cases

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
23358	MW 3	5	V.S	X					X	X	X			2-3	0930
23359	MW 9													2-2	1500
23360	MW 10														1520
23361	MW 11														1605
23362	MW 13														1540
23363	MW 14													2-3	1000
23364	MW 15													2-3	1025

ANALYSIS REQUEST

BTEX 8021B/5030	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	ANIONS (300.0)	CATIONS (6010) SM 4500 (CN)	Pb (6010) or 8270	HEAVY METALS, TCLP (6010)
X						X		X	X	X	X

Relinquished by:	Date:	Time:	Received by:
Jesse Cases	2-3-08	1640	Relinquished
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Mail Report - K. Dutton

Invoice: Lennah Frost / 10511

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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 02/12/00
Analysis Date: 02/14/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	Sample Date
23535	MW-17 (15')	<10	<10	2/07/00
23536	MW-18 (20')	<10	<10	2/07/00
23537	MW-19 (15')	<10	<10	2/09/00
23538	MW-20 (15')	<10	<10	2/09/00
23539	MW-22 (15')	<10	<10	2/10/00
23540	MW-23 (15')	<10	349	2/10/00
23541	MW-23 (20')	<10	<10	2/10/00
23542	MW-24 (15')	<10	<10	2/10/00
23543	MW-25 (15')	<10	<10	2/10/00
23544	SB-2 (15')	<10	<10	2/09/00
23545	SB-2 (5')	<10	<10	2/09/00
23546	SB-3 (10')	14	449	2/09/00
23547	SB-3 (15')	<10	<10	2/09/00
	%INSTRUMENT ACCURACY	111	110	
	% EXTRACTION ACCURACY	112	113	
	BLANK	<10	<10	

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle — 2-16-00 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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 02/12/00
Analysis Date: 2/14 & 2/15/00

ELT#	Field Code/ Sample Date	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
23535	MW-17 (15') 2/7/00	<0.100	<0.100	<0.100	<0.100	<0.100
23536	MW-18 (20') 2/7/00	<0.100	<0.100	<0.100	<0.100	<0.100
23537	MW-19 (15') 2/9/00	<0.100	<0.100	<0.100	<0.100	<0.100
23538	MW-20 (15') 2/9/00	<0.100	0.264	0.153	0.272	0.129
23539	MW-22 (15') 2/10/00	<0.100	<0.100	<0.100	<0.100	<0.100
23540	MW-23 (15') 2/10/00	<0.100	<0.100	<0.100	<0.100	<0.100
23541	MW-23 (20') 2/10/00	<0.100	<0.100	<0.100	<0.100	<0.100
23542	MW-24 (15') 2/10/00	<0.100	<0.100	<0.100	<0.100	<0.100
23543	MW-25 (15') 2/10/00	<0.100	<0.100	<0.100	<0.100	<0.100
23544	SB-2 (15') 2/9/00	<0.100	<0.100	<0.100	0.190	<0.100
23545	SB-2 (5') 2/9/00	<0.100	<0.100	<0.100	<0.100	<0.100
23546	SB-3 (10') 2/9/00	<0.100	<0.100	<0.100	0.184	<0.100
23547	SB-3 (15') 2/9/00	<0.100	<0.100	<0.100	<0.100	<0.100
	% IA	94	92	90	91	88
	% EA	102	98	96	98	95
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

2-16-00
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: 079

Project Manager: JESSE TAYLOR

Phone #: (915) 664-9166

FAX #: (505) 392-3760

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

Project #: EOT1044C

Project Name: BOB DURHAM

Project Location: MONUMENT 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 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	TPH 8015 DRO/GRO
23535	MW-17 (15')	1	4oz		X						X			2-7	1440	X								X
23536	MW-18 (20)													2-7	1530									
23537	MW-19 (15')													2-9	0900									
23538	MW-20 (15')													2-9	0945									
23539	MW-22 (15')													2-10	1000									
23540	MW-23 (15)													2-10	1440									
23541	MW-23 (20')													2-10	1510									
23542	MW-24 (15')													2-10	1540									
23543	MW-25 (15')													2-10	1610									
23544	SB-2 (15')													2-9	1445									
23545	SB-2 (5')													2-9	1400									

Relinquished by:	Date:	Times:	Received by:
Ken Dutton	11 Feb 00	1554	
Relinquished by:	Date:	Times:	Received by:
Wm Walls	02-12-00	1115	mcmurry
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS

FAX RESULTS:
K. DUTTON

INVOICE: L. FROST

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

Project Manager: J. TAYLOR

Phone #: (915) 664-9166

FAX #: (505) 392-3760

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

Project #: EOT 1044C

Project Name: BOB DURHAM

Project Location: MONUMENT 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	ANALYSIS REQUEST: BTEX 8020/5030	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	TPH 8015 DRO/GRO
23546	SB-3 (10')	1	4oz	X							X			2-9	1520	X								X
23547	SB-3 (15')	1	4oz	X							X			2-9	1550	X								X

Relinquished by:	Date:	Times:	Received by:
Ken Dutton	11 FEB 00	1554	
Relinquished by:	Date:	Times:	Received by:
	02-12-00	1115	
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS

FR:
K. DUTTON,

INVOICE: L. FROST

COPY

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: 505-392-2760

Sample Type: Water
Sample Condition: Intact/Iced/HCl
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Analysis Date: 02/19/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
23650	MW 17	0.001	<0.001	<0.001	<0.001	<0.001
23651	MW 18	<0.001	<0.001	<0.001	<0.001	<0.001
23652	MW 19	<0.001	<0.001	<0.001	<0.001	<0.001
23653	MW 22	<0.001	<0.001	<0.001	<0.001	<0.001
23654	MW 24	<0.001	<0.001	<0.001	<0.001	<0.001
23655	MW 25	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	110	105	101	108	102
	% EA	113	109	106	110	104
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

2-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument,N.M.

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Analysis Date: See Below

ELT#	FIELD CODE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
23650	MW 17	248	133	0	300	864
23651	MW 18	251	142	0	280	868
23652	MW 19	102	89	0	220	501
23653	MW 22	213	89	0	300	722
23654	MW 24	105	80	0	240	546
23655	MW 25	97	89	0	230	548
	QUALITY CONTROL	48.5	5052	*	*	*
	TRUE VALUE	50.0	5000	*	*	*
	% PRECISION	97	101	*	*	*
	ANALYSIS DATE	2/23/00	2/23/00	2/24/00	2/24/00	2/19/00

METHODS: EPA 375.4, 325.3, 310, 160.1

Raland K. Tuttle

2-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-17

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/25/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23650	RPD	%EA	%IA
Naphthalene	0.005	ND			68
Acenaphthylene	0.005	ND			76
Acenaphthene	0.005	ND	11.94	63	78
Fluorene	0.005	ND			80
Phenanthrene	0.005	ND			86
Anthracene	0.005	ND			84
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	3.73	79	122
Benzo[a]anthracene	0.005	ND			90
Chrysene	0.005	ND			88
Benzo[b]fluoranthene	0.005	ND			88
Benzo[k]fluoranthene	0.005	ND			176
Benzo [a]pyrene	0.005	ND			90
Indeno[1,2,3-cd]pyrene	0.005	ND			38
Dibenz[a,h]anthracene	0.005	ND			46
Benzo[g,h,i]perylene	0.005	ND			42

	% RECOVERY
Nitrobenzene-d5 SURR	46
2-Fluorobiphenyl SURR	57
Terphenyl-d14 SURR	68

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-18

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/25/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23651	RPD	%EA	%IA
Naphthalene	0.005	ND			68
Acenaphthylene	0.005	ND			76
Acenaphthene	0.005	ND	11.94	63	78
Fluorene	0.005	ND			80
Phenanthrene	0.005	ND			86
Anthracene	0.005	ND			84
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	3.73	79	122
Benzo[a]anthracene	0.005	ND			90
Chrysene	0.005	ND			88
Benzo[b]fluoranthene	0.005	ND			88
Benzo[k]fluoranthene	0.005	ND			176
Benzo [a]pyrene	0.005	ND			90
Indeno[1,2,3-cd]pyrene	0.005	ND			38
Dibenz[a,h]anthracene	0.005	ND			46
Benzo[g,h,i]perylene	0.005	ND			42

	% RECOVERY
Nitrobenzene-d5 SURR	54
2-Fluorobiphenyl SURR	70
Terphenyl-d14 SURR	74

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-19

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/25/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23652	RPD	%EA	%IA
Naphthalene	0.005	ND			68
Acenaphthylene	0.005	ND			76
Acenaphthene	0.005	ND	11.94	63	78
Fluorene	0.005	ND			80
Phenanthrene	0.005	ND			86
Anthracene	0.005	ND			84
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	3.73	79	122
Benzo[a]anthracene	0.005	ND			90
Chrysene	0.005	ND			88
Benzo[b]fluoranthene	0.005	ND			88
Benzo[k]fluoranthene	0.005	ND			176
Benzo [a]pyrene	0.005	ND			90
Indeno[1,2,3-cd]pyrene	0.005	ND			38
Dibenz[a,h]anthracene	0.005	ND			46
Benzo[g,h,i]perylene	0.005	ND			42

	% RECOVERY
Nitrobenzene-d5 SURR	56
2-Fluorobiphenyl SURR	70
Terphenyl-d14 SURR	72

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

Date 2-29-00

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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-22

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/25/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23653	RPD	%EA	%IA
Naphthalene	0.005	ND			68
Acenaphthylene	0.005	ND			76
Acenaphthene	0.005	ND	11.94	63	78
Fluorene	0.005	ND			80
Phenanthrene	0.005	ND			86
Anthracene	0.005	ND			84
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	3.73	79	122
Benzo[a]anthracene	0.005	ND			90
Chrysene	0.005	ND			88
Benzo[b]fluoranthene	0.005	ND			88
Benzo[k]fluoranthene	0.005	ND			176
Benzo [a]pyrene	0.005	ND			90
Indeno[1,2,3-cd]pyrene	0.005	ND			38
Dibenz[a,h]anthracene	0.005	ND			46
Benzo[g,h,i]perylene	0.005	ND			42

	% RECOVERY
Nitrobenzene-d5 SURR	48
2-Fluorobiphenyl SURR	60
Terphenyl-d14 SURR	71

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-24

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/25/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23654	RPD	%EA	%IA
Naphthalene	0.005	ND			68
Acenaphthylene	0.005	ND			76
Acenaphthene	0.005	ND	11.94	63	78
Fluorene	0.005	ND			80
Phenanthrene	0.005	ND			86
Anthracene	0.005	ND			84
Fluoranthene	0.005	ND			80
Pyrene	0.005	ND	3.73	79	122
Benzo[a]anthracene	0.005	ND			90
Chrysene	0.005	ND			88
Benzo[b]fluoranthene	0.005	ND			88
Benzo[k]fluoranthene	0.005	ND			176
Benzo [a]pyrene	0.005	ND			90
Indeno[1,2,3-cd]pyrene	0.005	ND			38
Dibenz[a,h]anthracene	0.005	ND			46
Benzo[g,h,i]perylene	0.005	ND			42

	% RECOVERY
Nitrobenzene-d5 SURR	61
2-Fluorobiphenyl SURR	68
Terphenyl-d14 SURR	58

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

3-29-00
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

Sample Type: Water
Sample Condition: Intact/Iced/HNO3
Project #: EOT 1044C
Project Name: Bobe Durham
Project Location: Monument, N.M.

Sample Date: 02/17/00
Receiving Date: 02/18/00
Analysis Date: 02/24/00
Analysis Date: Hg 02/22/00

Analyte (mg/L)	MW-22 23653	MW-24 23654	MW-25 23655	Reporting Limit	%IA	%EA	BLANK	RPD
Aluminum	8.450	11.33	7.540	0.0500	102	106	<0.0500	3.34
Arsenic	0.0060	0.0090	0.0060	0.0500	104	108	<0.0050	0.00
Barium	0.2930	0.2760	0.2000	0.0100	100	103	<0.0100	2.88
Beryllium	ND	ND	ND	0.0040	108	110	<0.0040	1.83
Cadmium	0.0030	0.0030	0.0030	0.0010	106	106	<0.0010	1.87
Calcium	254.0	337.0	392.0	1.000	95	*	<1.000	0.00
Chromium	0.0220	0.0210	0.0210	0.0050	98	102	<0.0050	2.49
Cobalt	ND	ND	ND	0.0200	101	104	<0.0200	2.52
Copper	ND	0.0100	ND	0.0100	100	105	<0.0100	3.09
Iron	5.630	4.680	4.660	0.0500	111	111	<0.0500	9.06
Lead	0.0050	0.0040	0.0030	0.0030	102	104	<0.0030	0.00
Magnesium	27.50	22.37	21.60	1.000	98	*	<1.000	0.25
Manganese	0.0770	0.1460	0.4830	0.0150	99	101	<0.0150	1.74
Mercury	ND	ND	ND	0.00020	101	104	<0.00020	0.00
Molybdenum	ND	ND	ND	0.050	97	100	<0.050	2.85
Nickel	0.0140	0.0160	0.0170	0.0100	101	103	<0.0100	2.50
Potassium	8.590	8.440	7.440	1.000	85	*	<1.000	0.00
Selenium	0.0080	0.0060	0.0070	0.0050	118	122	<0.0050	3.33
Silver	ND	ND	ND	0.00500	104	106	<0.0050	1.90
Sodium	107.0	75.79	67.40	1.000	110	*	<1.000	1.71
Tin	ND	ND	ND	0.0500	94	99	<0.0500	1.63
Vanadium	0.1010	0.0590	0.0610	0.0200	99	102	<0.0200	2.58
Zinc	ND	0.0600	ND	0.0200	100	106	<0.0200	3.26
Boron	0.299	0.170	0.161	0.050	103	106	<0.050	1.90
Strontium	1.18	1.09	1.06	0.050	96	103	<0.050	2.96

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

Raland K. Tuttle

3-29-00
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

Sample Type: Water
Sample Condition: Intact/ Iced
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW-25

Sampling Date: 02/17/00
Receiving Date: 02/18/00
Extraction Date: 02/21/00
Analysis Date: 02/24/00

EPA SW846 8270 (mg/l)	REPORT LIMIT	ELT# 23655	RPD	%EA	%IA
Naphthalene	0.005	ND			90
Acenaphthylene	0.005	ND			94
Acenaphthene	0.005	ND	9.52	70	90
Fluorene	0.005	ND			94
Phenanthrene	0.005	ND			104
Anthracene	0.005	ND			92
Fluoranthene	0.005	ND			92
Pyrene	0.005	ND	5.63	69	88
Benzo[a]anthracene	0.005	ND			92
Chrysene	0.005	ND			92
Benzo[b]fluoranthene	0.005	ND			90
Benzo[k]fluoranthene	0.005	ND			112
Benzo [a]pyrene	0.005	ND			96
Indeno[1,2,3-cd]pyrene	0.005	ND			110
Dibenz[a,h]anthracene	0.005	ND			104
Benzo[g,h,i]perylene	0.005	ND			110

	% RECOVERY
Nitrobenzene-d5 SURR	70
2-Fluorobiphenyl SURR	88
Terphenyl-d14 SURR	75

ND= NOT DETECTED

Method: EPA SW 846 8270C , 3510

Raland K. Tuttle

2-29-00
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 853

Project Manager: Jesse Taylor
Phone #: (915) 664-9166
FAX #: (505) 392-3760

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

Project #: EOT 10446
Project Name: BOB DURHAM

Project Location: Monument NM
Sampler Signature: Jesse 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/5030	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	Anions (Cl, SO4, Alkalinity)	Cations (Ca, Mg, Na, K)	DAH (GC/MS) 8270	Method MM-TCLP (GC/MS) 8270
23650	MW 17	5	125	X					X	X	X			2-17	1315	X						X		X	X	X	X
23651	MW 18														1235												
23652	MW 19														1142												
23653	MW 22														1207												
23654	MW 24														1123												
23655	MW 25														1100												

Relinquished by:	Date:	Time:	Received by:	REMARKS
Jesse Casas	2-17-00	1500		E.L. New Date
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date: 02-18-00	Time: 0800	Received by Laboratory: J. McManus	Turnaround Time:

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: 915-520-4310
FAX: 505-392-3760

Sampling Date: 03/09/00
Receiving Date: 03/10/00
Analysis Date: 3/14-3/15/00

SampleType: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1044C
Project Name: Bob Durham
Project Location: Monument, N.M.

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
24125	DW-1	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	94	94	102	90
% EA		95	85	83	92	82
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle (signature)
Raland K. Tuttle

3-16-00
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: 505-392-3760

Sample Type: Water
Sample Condition: Intact/Iced/HCl
Project #: EOT1044C
Project Name: Bob Durham
Project Location: Monument

Sampling Date: 03/03/00
Receiving Date: 03/10/00
Analysis Date: 03/13/00

ELT#	FIELD CODE	GRO C5-C10 mg/L	DRO >C10-C28 mg/L
24125	DW-1	<3	<3
	%INSTRUMENT ACCURACY	99	112
	% EXTRACTION ACCURACY	80	88
	BLANK	<3	<3

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle — Date: 3-16-00

003 HOBBS E.T.G.I. 04/24/00 MON 11:02 FAX 261 362 8832

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 105

Project Manager: Jesse Taylor
Phone #: (915) 664-9161
FAX #: (505) 392-3760

Company Name & Address: ETGT
P.O. Box 4845 Midland TX 79704

Project #: EOT 1044C
Project Name: Bob Durham

Project Location: Monument
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/5030	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	TPH 8015
2125	DW 1	3	VOA	X					X		X			8-9	1430	X								X

Relinquished by:	Date:	Time:	Received by:
Jesse Taylor	8-10-00	1600	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
Mail Results: K. Dutton

Invoice: Lowrey Frost 1015 pm

PAGE 03/03
ENVIRONMENTAL TECH
03/15/2000 13:39 9155224318
Mar 15 00 11:12a

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

SampleType: Soil
Sample Condition: Intact/ 38 deg. F
Project #: EOT 1044C
Project Name: None Given
Project Location: Bob Durham

Sampling Date: 05/08/00
Receiving Date: 05/12/00
Analysis Date: 05/15/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
25672	SST-1-SE	<0.100	0.826	0.435	2.40	0.770
25673	SST-2-Middle	<0.100	1.87	1.43	6.07	1.36
25674	SST-3-NW	0.513	20.4	6.27	38.6	12.9
% IA		103	100	101	111	99
% EA		99	103	97	109	94
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

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: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ 38 deg. F
Project #: EOT 1044C
Project Name: None Given
Project Location: Bob Durham

Sampling Date: 05/08/00
Receiving Date: 05/12/00
Analysis Date: 05/12/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
25672	SST-1-SE	248	990
25673	SST-2-Middle	562	1552
25674	SST-3-NW	3360	6811
% IA		90	90
% EA		94	53
BLANK		<10	<10

METHODS: SW 846-8015M GRO/DRO

Umesh Rao
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

Project Manager: Jessa Taylor
Phone #: (505) 392-8731
FAX #: (505) 392-8780

Company Name & Address: ETGI 702 Enu, Hobbs, NM 88240

Project #: EOT 1044C
Project Name:

Project Location: Bob Durham
Sampler 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	SAMPLING: TIME	ANALYSIS REQUEST: 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
25672	SST-1-SE	1			X									5-8	1146	X	X						
25673	SST-2-Middle	1			X									5-8	1149	X	X						
25674	SST-3-NW	1			X									5-8	1148	X	X						

Relinquished by:	Date:	Times:	Received by:
Jessa Taylor	5-12-00	0830	
	5-12-00	1530	

Relinquished by:
Date:
Times:
Received by Laboratory:

REMARKS: Rec. 38°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: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 06/07/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
26451	MW26SS (5')	<10	<10
26452	MW26SS (10')	<10	<10
26453	MW26C (15')	<10	<10
26454	MW26C (20')	<10	<10
26455	MW26C (29')	<10	<10
26456	MW27C (5')	<10	<10
26457	MW27C (10')	<10	<10
26458	MW27C (15')	<10	<10
26459	MW27C (20')	<10	<10
26460	MW27C (27')	<10	<10
26461	MW27C (29')	<10	<10
	% IA	83	113
	% EA	95	116
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Umesh Rao

Umesh Rao, Ph. D.

6/14/00
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: 150

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 2044C
Project Name: BOB DURHAM

Project Location: MONUMENT 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 2600	TIME
26451	MW2655 (5')	1	4oz		X						X			6/7	0900
26452	MW 2655 (10')														0908
26453	MW26C (15')														0928
26454	MW26C (20')														0934
26455	MW26C (29')														0955
26456	MW27C (5')														1302
26457	MW27C (10')														1308
26458	MW27C (15')														1315
26459	MW27C (20')														1320
26460	MW27C (27')														1325
26461	MW27C (29')														1332

ANALYSIS REQUEST

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
	X						

Relinquished by:	Date:	Time:	Received by:
	09 Jun 00	1438	
Relinquished by:	Date:	Time:	Received by:
	10 Jun 00	1100	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

FX: (505) 392-3760

32°F

INVOICE: EOTT

Jun 14 00 08:03a

P.2

COPY

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/HNO3/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sample Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/19/00
Analysis Date: Hg 06/15/00

Analyte (mg/L)	MW 20 26584	MW 21 26585	MW 26 26589	MW 27 26590	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	42.8	8.40	0.914	19.5	0.0500	96	N/A	<0.0500	2.79
Arsenic	0.0150	ND	ND	0.0070	0.0050	94	112	<0.0050	0.00
Barium	0.4450	0.2690	0.0950	0.5360	0.0100	98	105	<0.0100	0.91
Beryllium	0.0040	ND	ND	ND	0.0040	104	108	<0.0040	0.00
Cadmium	0.0040	0.0020	ND	0.0020	0.0010	100	102	<0.0010	1.98
Calcium	439.0	184.0	194.0	489.0	1.000	100	N/A	<1.000	1.02
Chromium	0.0650	0.0150	ND	0.0330	0.0050	96	102	<0.0050	0.98
Cobalt	0.0220	ND	ND	ND	0.0200	100	101	<0.0200	1.39
Copper	0.0400	0.0110	ND	0.0130	0.0100	99	109	<0.0100	1.10
Iron	29.00	5.810	0.5460	10.60	0.0500	103	N/A	<0.0500	2.99
Lead	0.0210	ND	ND	0.0100	0.0030	92	102	<0.0030	1.94
Magnesium	64.00	26.00	32.00	35.00	1.000	97	N/A	<1.000	0.56
Manganese	0.4700	0.2700	0.0810	0.4390	0.0150	93	98	<0.0150	1.05
Mercury	0.003	ND	0.003	ND	0.002	98	98	<0.002	2.02
Molybdenum	ND	ND	ND	ND	0.050	88	89	<0.050	1.36
Nickel	0.0360	0.0150	ND	0.0250	0.0100	101	102	<0.0100	1.18
Potassium	18.90	6.520	7.280	12.40	1.000	84	N/A	<1.000	0.71
Selenium	ND	ND	ND	ND	0.0050	100	116	<0.0050	1.74
Silver	ND	ND	ND	ND	0.00500	96	90	<0.0050	0.00
Sodium	106.0	72.50	161.0	143.0	1.000	104	N/A	<1.000	0.92
Tin	ND	ND	ND	ND	0.0500	107	112	<0.0500	1.80
Vanadium	0.1650	0.0500	0.0310	0.0930	0.0200	97	101	<0.0200	1.31
Zinc	0.1010	0.0230	0.0230	0.0350	0.0200	104	110	<0.0200	1.06
Boron	0.234	0.162	0.254	0.300	0.050	109	115	<0.050	0.00
Strontium	1.40	1.02	1.27	1.47	0.050	97	99	<0.050	0.00

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

Raland K. Tuttle

6-28-00
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/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: See Below

ELT#	FIELD CODE	Sulfate mg/L	Chloride mg/L	Carbonate mg/L	Bicarbonate mg/L	TDS mg/L
26584	MW 20	130.7	106	0	360	783
26585	MW 21	81.2	81	0	366	694
26589	MW 26	158.8	177	0	280	855
26590	MW 27	164.5	112	0	286	792
	QUALITY CONTROL	56.8	5495	*	*	*
	TRUE VALUE	50.0	5000	*	*	*
	% PRECISION	114	110	*	*	*
	ANALYSIS DATE	06/27/00	06/16/00	06/23/00	06/23/00	06/16/00

METHODS: EPA 375.4, 325.3, 310, 160.1

Raland K. Tuttle

6-27-00
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: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
26574	MW 3	0.433	0.016	0.119	0.095	0.056
26575	MW 9	0.078	0.002	0.002	0.002	0.001
26576	MW 10	<0.001	<0.001	<0.001	<0.001	0.001
26577	MW 11	0.006	<0.001	<0.001	<0.001	<0.001
26578	MW 13	0.777	0.007	0.059	0.044	0.010
26579	MW 14	0.003	<0.001	<0.001	<0.001	<0.001
26580	MW 15	0.010	<0.001	<0.001	<0.001	<0.001
26581	MW 17	<0.001	<0.001	<0.001	<0.001	<0.001
26582	MW 18	<0.001	<0.001	<0.001	<0.001	<0.001
26583	MW 19	<0.001	<0.001	<0.001	<0.001	<0.001
26584	MW 20	0.004	0.001	0.001	0.003	<0.001
26585	MW 21	0.001	0.001	0.001	0.002	0.001
26586	MW 22	<0.001	<0.001	<0.001	<0.001	<0.001
26587	MW 24	<0.001	<0.001	<0.001	<0.001	<0.001
26588	MW 25	<0.001	<0.001	<0.001	<0.001	<0.001
26589	MW 26	<0.001	<0.001	<0.001	<0.001	<0.001
26590	MW 27	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	90	87	89	96	88
	% EA	92	90	90	97	89
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Umesh Rao
Umesh Rao, Ph. D.

6/16/00
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: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 20

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 26584	RPD	%EA	%DEV
Naphthalene	0.005	ND			-5.9
Acenaphthylene	0.005	ND			0.8
Acenaphthene	0.005	ND	5	102	1.7
Fluorene	0.005	ND			2.1
Phenanthrene	0.005	ND			0.7
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.0
Pyrene	0.005	ND	19	103	3.4
Benzo[a]anthracene	0.005	ND			4.6
Chrysene	0.005	ND			4.0
Benzo[b]fluoranthene	0.005	ND			12.7
Benzo[k]fluoranthene	0.005	ND			10.5
Benzo [a]pyrene	0.005	ND			6.4
Indeno[1,2,3-cd]pyrene	0.005	ND			8.8
Dibenz[a,h]anthracene	0.005	ND			7.0
Benzo[g,h,i]perylene	0.005	ND			10.6

	% RECOVERY
Nitrobenzene-d5 SURR	117
2-Fluorobiphenyl SURR	125
p-Terphenyl-d14 SURR	130

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

Raland K. Tuttle

6-28-00
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: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 21

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 26585	RPD	%EA	%DEV
Naphthalene	0.005	ND			-5.9
Acenaphthylene	0.005	ND			0.8
Acenaphthene	0.005	ND	5	102	1.7
Fluorene	0.005	ND			2.1
Phenanthrene	0.005	ND			0.7
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.0
Pyrene	0.005	ND	19	103	3.4
Benzo[a]anthracene	0.005	ND			4.6
Chrysene	0.005	ND			4.0
Benzo[b]fluoranthene	0.005	ND			12.7
Benzo[k]fluoranthene	0.005	ND			10.5
Benzo [a]pyrene	0.005	ND			6.4
Indeno[1,2,3-cd]pyrene	0.005	ND			8.8
Dibenz[a,h]anthracene	0.005	ND			7.0
Benzo[g,h,i]perylene	0.005	ND			10.6

	% RECOVERY
Nitrobenzene-d5 SURR	111
2-Fluorobiphenyl SURR	121
p-Terphenyl-d14 SURR	139

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

Raland K. Tuttle

6-28-00
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: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument N.M.
Field Code: MW 26

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 26589	RPD	%EA	%DEV
Naphthalene	0.005	ND			-5.9
Acenaphthylene	0.005	ND			0.8
Acenaphthene	0.005	ND	5	102	1.7
Fluorene	0.005	ND			2.1
Phenanthrene	0.005	ND			0.7
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.0
Pyrene	0.005	ND	19	103	3.4
Benzo[a]anthracene	0.005	ND			4.6
Chrysene	0.005	ND			4.0
Benzo[b]fluoranthene	0.005	ND			12.7
Benzo[k]fluoranthene	0.005	ND			10.5
Benzo [a]pyrene	0.005	ND			6.4
Indeno[1,2,3-cd]pyrene	0.005	ND			8.8
Dibenz[a,h]anthracene	0.005	ND			7.0
Benzo[g,h,i]perylene	0.005	ND			10.6

	% RECOVERY
Nitrobenzene-d5 SURR	101
2-Fluorobiphenyl SURR	123
p-Terphenyl-d14 SURR	134

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

Raland K. Tuttle

6-23-00
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: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 27

Sampling Date: 06/09/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 26590	RPD	%EA	%DEV
Naphthalene	0.005	ND			-5.9
Acenaphthylene	0.005	ND			0.8
Acenaphthene	0.005	ND	5	102	1.7
Fluorene	0.005	ND			2.1
Phenanthrene	0.005	ND			0.7
Anthracene	0.005	ND			-1.7
Fluoranthene	0.005	ND			-2.0
Pyrene	0.005	ND	19	103	3.4
Benzo[a]anthracene	0.005	ND			4.6
Chrysene	0.005	ND			4.0
Benzo[b]fluoranthene	0.005	ND			12.7
Benzo[k]fluoranthene	0.005	ND			10.5
Benzo [a]pyrene	0.005	ND			6.4
Indeno[1,2,3-cd]pyrene	0.005	ND			8.8
Dibenz[a,h]anthracene	0.005	ND			7.0
Benzo[g,h,i]perylene	0.005	ND			10.6

	% RECOVERY
Nitrobenzene-d5 SURR	100
2-Fluorobiphenyl SURR	125
p-Terphenyl-d14 SURR	135

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

Raland K. Tuttle

6-22-00
Date

Environmental Lab of Texas, Inc.

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

1062

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 1583

Project Manager: Jesse Tavoe
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: EOT
P.O. Box 4067 Midland TX 79704

Project #: EOT 20446
Project Name: BOB DURHAM

Project Location: Bloomfield, NM
Sampler Signature: Jesse 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 7000	Time	ANALYSIS REQUEST: BTEX 8021B/5030	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 8100	CATIONS 6010	ANIONS 300.0	HEAVY METALS 6010
26578	MW 3	2	V	X					X		X			6-9	1248	X											
26579	MW 9														1345												
26580	MW 10														1311												
26581	MW 11														1325												
26582	MW 13														1316												
26583	MW 14														1340												
26584	MW 15														1332												
26585	MW 17														1858												
26586	MW 18														1036												
26587	MW 19														0917												
26588	MW 20	5	V						X	X					0957							X		X	X	X	X

Relinquished by:	Date:	Time:	Received by:
Jesse Casas	10 Jan 00	1110	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
FAX Results: Hobbs office
32°F

Invoice: EOT 10577

Jun 28 00 11:51a

Environmental Lab of Texas, Inc.

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

282

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 158

Project Manager: Jesse Taylor
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGT
P.O. Box 4648 Midland TX 79704

Project #: EOT 2044C
Project Name: Bob Dickson

Project Location: Monument NM
Sampler Signature: Jesse 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/5030	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	CHT/DRO 8015	Metals 300.0	Heavy Metals 6010
26585	MW 21	5	VL's	X					X	X	X			6-9	0930	X						X		X	X	X	X
26586	MW 22	2	V						X						1005												
26587	MW 24	2													1015												
26588	MW 25	2													1020												
26589	MW 26	5	VL's							X					1200							X		X	X	X	X
26590	MW 27	5													1130												

Relinquished by:	Date:	Time:	Received by:
Jesse Casas	10 Jun 08	1140	Robert Ford
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
Fax Results: Hobbs office
32.0°F

Invoice: EOT Odessa

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/ 28 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 06/26/00
Receiving Date: 06/29/00
Analysis Date: 07/05/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
27510	MW-28C (0-2)	<10	<10
27511	MW-28SS (3-5)	<10	<10
27512	MW-28SS (8-10)	<10	<10
27513	MW-28SS (13-15)	<10	<10
27514	MW-28SS (18-20)	<10	<10
27515	MW-28SS (23-25)	<10	<10
27516	MW-29C (0-2)	<10	17
27517	MW-29SS (3-5)	<10	<10
27518	MW-29SS (8-10)	<10	<10
27519	MW-29SS (13-15)	<10	10
27520	MW-29C (18-20)	<10	<10
27521	MW-29SS (23-25)	<10	<10
27522	MW-30C (0-2)	<10	22
27523	MW-30C (3-5)	<10	<10
27524	MW-30C (8-10)	<10	<10
	% IA	89	109
	% EA	71	80
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-6-00
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/ 28 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 06/29/00
Analysis Date: 07/05/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27525	MW-30C (13-15)	<10	<10	06/26/00
27526	MW-30SS (18-20)	<10	<10	06/26/00
27527	MW-30SS (23-25)	<10	<10	06/26/00
27528	MW-31C (0-2)	<10	<10	06/30/00
27529	MW-31SS (3-5)	<10	<10	06/30/00
27530	MW-31SS (8-10)	<10	<10	06/30/00
27531	MW-31C (13-15)	<10	<10	06/30/00
27532	MW-31SS (18-20)	<10	<10	06/27/00
27533	MW-31SS (21-23)	<10	<10	06/27/00
27534	MW-32C (0-2)	<10	<10	06/27/00
27535	MW-32C (3-5)	<10	<10	06/27/00
27536	MW-32SS (8-10)	<10	18	06/27/00
27537	MW-32C (13-15)	<10	43	06/27/00
27538	MW-32SS (18-20)	<10	<10	06/27/00
27539	MW-32SS (23-25)	<10	<10	06/27/00
27540	MW-33C (0-2)	<10	<10	06/27/00
27541	MW-33C (3-5)	<10	<10	06/27/00
27542	MW-33C (8-10)	<10	<10	06/27/00
27543	MW-33C (13-15)	<10	<10	06/27/00
27544	MW-33SS (18-20)	<10	<10	06/27/00
	% IA	89	109	
	% EA	90	104	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-6-00
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/ 28 deg. F
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 06/29/00
Analysis Date: 07/05/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
27545	MW-33SS (23-25)	<10	<10	06/27/00
27546	MW-34C (0-2)	<10	<10	06/28/00
27547	MW-34C (3-5)	<10	<10	06/28/00
27548	MW-34C (8-10)	<10	<10	06/28/00
27549	MW-34C (13-15)	<10	<10	06/28/00
27550	MW-34SS (18-20)	<10	<10	06/28/00
27551	MW-34SS (23-25)	<10	<10	06/28/00
27552	MW-35C (0-2)	<10	<10	06/28/00
27553	MW-35C (3-5)	<10	<10	06/28/00
27554	MW-35C (8-10)	<10	<10	06/28/00
27555	MW-35C (13-15)	<10	<10	06/28/00
27556	MW-35C (18-20)	<10	<10	06/28/00
27557	MW-35SS (23)	<10	<10	06/28/00
27558	MW-36C (0-2)	<10	<10	06/28/00
27559	MW-36C (3-5)	<10	<10	06/28/00
27560	MW-36C (8-10)	<10	<10	06/28/00
27561	MW-36C (13-15)	<10	<10	06/28/00
27562	MW-36SS (18-20)	<10	<10	06/28/00
27563	MW-36SS (23)	<10	<10	06/28/00
	% IA	89	109	
	% EA	90	104	
	BLANK	<10	<10	

METHODS: SW 846-8015M GRO/DRO

Raland K. Tuttle

7-6-00
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# 172

Project Manager: J. TAYLOR

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

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

Project #: EOT 20446

Project Name: BOB DURHAM

Project Location: MONUMENT NM

Sampler Signature: Ken Dutton

ANALYSIS REQUEST

1 of 5

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
27510	MW-28C (0-2)	1	4oz		X						X			6/26	1118		X						
27511	MW-28SS (3-5)														1121								
27512	MW-28SS (8-10)														1130								
27513	MW-28SS (13-15)														1145								
27514	MW-28SS (18-20)														1156								
27515	MW-28SS (23-25)														1225								
27516	MW-29C (0-2)														1418								
27517	MW-29SS (3-5)														1427								
27518	MW-29SS (8-10)														1432								
27519	MW-29SS (13-15)														1442								
27520	MW-29C (18-20)														1453								

Relinquished by:	Date:	Time:	Received by:
Ken Dutton	29 JUN 00	1351	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	29 JUN 00	5:10	C. McMurrey

REMARKS: Rec. 28°F

FR: K. DUTTON
(505) 397-4701

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# 172

2 of 5

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

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

Project #: EOT 2044C
Project Name: BOB DURHAM

Project Location: MONUMENT 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 (2000)	TIME	BTEX 8021B/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
27521	MW-29 SS (23-25)	1	4oz	X							X			6/26	1512		X						
27522	MW-30 C (0-2)														0907								
27523	MW-30 C (3-5)														0918								
27524	MW-30 C (8-10)														0921								
27525	MW-30 C (13-15)														0924								
27526	MW-30 SS (18-20)														0933								
27527	MW-30 SS (23-25)														0953								
27528	MW-31 C (0-2)													6/27	1045								
27529	MW-31 SS (3-5)														1053								
27530	MW-31 SS (8-10)														1105								
27531	MW-31 C (13-15)														1111								

Relinquished by:	Date:	Time:	Received by:
[signature]	29 Jun 00	1351	[signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by: [signature]	Date: 29 Jun 00	Time: 5:10	Received by Laboratory: [signature]

REMARKS: Rec 28° F
FR: K. DUTTON
(505) 397-4701

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 # 172

Project Manager: J TAYLOR

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

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

Project #: EOT 2044C

Project Name: BOB DURHAM

Project Location: MONUMENT NM

Sampler Signature: Don 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 Mod Ext	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
27532	MW-3155 (18-20)	1	4oz		X						X			6/27	1109		X						
27533	MW-3155 (21-23)														1130								
27534	MW-32 C (0-2)														1235								
27535	MW-32 C (3-5)														1241								
27536	MW-32 SS (8-10)														1251								
27537	MW-32 C (13-15)														1259								
27538	MW-32 SS (18-20)														1305								
27539	MW-32 SS (23-25)														1335								
27540	MW-33 C (0-2)														1359								
27541	MW-33 C (3-5)														1409								
27542	MW-33 C (8-10)														1410								

Relinquished by:	Date:	Time:	Received by:
Don Dutton	29 Jun 00	1351	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	29 Jun 00	5:10	McManus

REMARKS: Rec 28°F

FR: K. DUTTON
(505) 397-4701

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 # 172

Project Manager: J. TAYLOR

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

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

Project #: EOT 2044C

Project Name: BOB DURHAM

Project Location: MONUMENT NM

Sampler Signature: Kea Dutton

ANALYSIS REQUEST

4 of 5

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 ~~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
27543	MW-33C (13-15)	1	4oz		X						X			6/27	1420		X						
27544	MW-33SS (18-20)														1427								
27545	MW-33SS (23-25)														1440								
27546	MW-34C (0-2)													6/28	0939								
27547	MW-34C (3-5)														0942								
27548	MW-34C (8-10)														1001								
27549	MW-34C (13-15)														1008								
27550	MW-34SS (18-20)														1014								
27551	MW-34SS (23-25)														1022								
27552	MW-35C (0-2)														1150								
27553	MW-35C (3-5)														1154								

Relinquished by:	Date:	Time:	Received by:
Kea Dutton	29 JUN 00	135	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	29 JUN 00	5:10	D McMurrey

REMARKS: FR: K. DUTTON Rec 28°F (505) 397-4701

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# 172

5 of 5

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

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

Project #: EOT 2044C
Project Name: BOB DURHAM

Project Location: MONUMENT NM
Sampler 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 2000	TIME	BTEX 8021B/5030	TPH 8015 DRO 12-20	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
27554	MW-35C (8-10)	1	4oz		X						X			6/28	1206		X						
27555	MW-35C (13-15)														1212								
27556	MW-35C (18-20)														1219								
27557	MW-35SS (23)														1240								
27558	MW-36C (0-2)														1325								
27559	MW-36C (3-5)														1331								
27560	MW-36C (8-10)														1343								
27561	MW-36C (13-15)														1356								
27562	MW-36SS (18-20)														1410								
27563	MW-36SS (23)														1422								

Relinquished by:	Date:	Time:	Received by:
[signature]	29 Jun 00	135	[signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
[signature]	29 Jun 00	5:10.	[signature]

REMARKS

Rec 2-8° F

FR: K. DUTTON
(505) 397-4701

INVOICE: EOTT

ENVIRONMENTAL LAB OF , INC.

COPY

"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 2044C
Project Name: Bob Durham
Project Location: Monument N.M.
Field Code: MW 30

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28190	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	35
2-Fluorobiphenyl SURR	49
p-Terphenyl-d14 SURR	28

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

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 31

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28191	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	61
2-Fluorobiphenyl SURR	69
p-Terphenyl-d14 SURR	56

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 32

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28192	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	71
2-Fluorobiphenyl SURR	80
p-Terphenyl-d14 SURR	54

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 33

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28193	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			-2.6
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	37
2-Fluorobiphenyl SURR	53
p-Terphenyl-d14 SURR	48

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

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 34

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28194	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	62
2-Fluorobiphenyl SURR	73
p-Terphenyl-d14 SURR	74

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 35

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28195	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	56
p-Terphenyl-d14 SURR	51

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

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.
Field Code: MW 36

Sampling Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/14/00

EPA SW846 8270 (mg/L)	REPORT LIMIT	ELT# 28196	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	49
p-Terphenyl-d14 SURR	50

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sample Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/25/00
Analysis Date: Hg 07/26/00

Analyte (mg/L)	MW29 28189	MW30 28190	MW31 28191	MW31 28192	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	85.5	7.65	1.18	18.2	0.0500	96	101	<0.0500	4.04
Arsenic	0.0300	0.0050	ND	0.0140	0.0050	100	104	<0.0050	1.90
Barium	1.460	0.2360	0.4020	0.3830	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	1460	178.0	160.0	224.0	1.000	94	N/A	<1.000	3.12
Chromium	0.1110	0.0080	ND	0.0130	0.0050	94	104	<0.0050	2.93
Cobalt	0.0320	ND	ND	ND	0.0200	94	100	<0.0200	2.63
Copper	0.0260	ND	ND	ND	0.0100	98	110	<0.0100	3.31
Iron	46.80	3.380	1.050	9.120	0.0500	104	108	<0.0500	4.65
Lead	0.0120	0.0060	ND	0.0100	0.0030	98	106	<0.0030	1.90
Magnesium	122.0	24.30	36.00	31.80	1.000	97	N/A	<1.000	3.39
Manganese	0.8960	0.0890	0.0900	0.6140	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	0.0600	0.0110	ND	0.0210	0.0100	95	103	<0.0100	2.37
Potassium	38.80	7.000	10.70	11.10	1.000	84	N/A	<1.000	4.98
Selenium	0.0100	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	299.0	104.0	111.0	83.20	1.000	81	N/A	<1.000	7.00
Tin	0.0530	ND	ND	ND	0.0500	97	104	<0.0500	2.44
Vanadium	0.2480	0.0310	ND	0.0460	0.0200	91	98	<0.0200	2.90
Zinc	0.2450	0.0400	ND	0.0420	0.0200	101	108	<0.0200	2.25
Boron	0.599	0.248	0.274	0.202	0.050	106	118	<0.050	2.13
Strontium	4.13	1.21	1.64	1.36	0.050	102	109	<0.050	2.08

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

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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sample Date: 07/13/00
Receiving Date: 07/14/00
Analysis Date: 07/25/00
Analysis Date: Hg 07/26/00

Analyte (mg/L)	MW33 28193	MW34 28194	MW35 28195	MW36 28196	Report Limit	%IA	%EA	BLANK	RPD
Aluminum	36.6	9.66	19.7	13.2	0.0500	96	101	<0.0500	4.04
Arsenic	0.0120	0.0070	0.0160	0.0130	0.0050	100	104	<0.0050	1.90
Barium	0.5010	0.1510	0.4470	0.3180	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	409.0	246.0	858.0	1010	1.000	94	N/A	<1.000	3.12
Chromium	0.0350	0.0110	0.0290	0.0190	0.0050	94	104	<0.0050	2.93
Cobalt	ND	ND	ND	ND	0.0200	94	100	<0.0200	2.63
Copper	0.0100	ND	0.0180	ND	0.0100	98	110	<0.0100	3.31
Iron	19.20	6.550	11.30	8.230	0.0500	104	108	<0.0500	4.65
Lead	0.0150	0.0040	0.0800	ND	0.0030	98	106	<0.0030	1.90
Magnesium	40.90	34.50	42.30	34.30	1.000	97	N/A	<1.000	3.39
Manganese	0.6120	0.1980	0.3680	0.4330	0.0150	94	99	<0.0150	2.44
Mercury	ND	ND	ND	0.003	0.002	99	107	<0.002	10.70
Molybdenum	ND	ND	ND	ND	0.050	95	101	<0.050	2.19
Nickel	0.0230	0.0120	0.0140	0.0130	0.0100	95	103	<0.0100	2.37
Potassium	15.50	10.70	10.10	9.730	1.000	84	N/A	<1.000	4.98
Selenium	ND	0.0060	ND	ND	0.0050	106	112	<0.0050	5.50
Silver	ND	0.00600	ND	ND	0.00500	82	98	<0.0050	10.75
Sodium	140.0	158.0	111.0	110.0	1.000	81	N/A	<1.000	7.00
Tin	ND	ND	ND	ND	0.0500	97	104	<0.0500	2.44
Vanadium	0.0960	0.0370	0.0880	0.0720	0.0200	91	98	<0.0200	2.90
Zinc	0.0520	0.0750	0.0470	0.0340	0.0200	101	108	<0.0200	2.25
Boron	0.354	0.390	0.266	0.255	0.050	106	118	<0.050	2.13
Strontium	1.56	1.42	1.99	1.67	0.050	102	109	<0.050	2.08

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

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
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 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 07/13/00
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
28189	MW 29	308	292	0	344	1406
28190	MW 30	90	106	0	320	615
28191	MW 31	62	168	0	420	801
28192	MW 32	136	97	0	323	676
28193	MW 33	199	118	0	332	796
28194	MW 34	212	142	0	293	825
28195	MW 35	175	102	0	273	645
28196	MW 36	168	97	0	267	646
	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

7-27-00
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 # 187

1 of 1

Project Manager: J. TAYLOR

Phone #: (505) 397-4882

FAX #: (505) 397-4701

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

Project #: EOT 2044C

Project Name: BOB DURHAM

Project Location: MONUMENT 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
28189	MW-29	5	VOA 5m	X					X	X	X			7-13	10:58
28190	MW-30													7-13	11:16
28191	MW-31													7-13	11:42
28192	MW-32													7-13	12:14
28193	MW-33													7-13	2:04
28194	MW-34													7-13	2:18
28195	MW-35													7-13	2:47
28196	MW-36													7-13	3:06

ANALYSIS REQUEST

BTEX 8021/5030	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
X						X		X	X	X	X

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

REMARKS: 34°

Jul 27 00 10:51a

ENVIRONMENTAL LAB OF , INC.

COPY

"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
Project #: EOT 20440
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 09/20/00
Receiving Date: 09/22/00
Analysis Date: 09/28/00

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
31197	MW 3	0.138	0.004	0.120	0.100	0.029	0.391
31198	MW 9	0.012	<0.001	<0.001	<0.001	<0.001	0.012
31199	MW 10	0.003	<0.001	<0.001	<0.001	0.002	0.005
31200	MW 11	0.014	<0.001	<0.001	<0.001	<0.001	0.014
31201	MW 13	0.946	<0.002	0.076	0.163	0.044	1.23
31202	MW 14	0.005	<0.001	<0.001	<0.001	<0.001	0.005
31203	MW 15	0.012	<0.001	<0.001	<0.001	<0.001	0.012
31204	MW 17	0.001	<0.001	<0.001	<0.001	<0.001	0.001
31205	MW 18	<0.001	0.001	0.001	0.006	0.003	0.011
31206	MW 19	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31207	MW 20	0.002	<0.001	<0.001	<0.001	<0.001	0.002
31214	MW 21	0.004	<0.001	<0.001	0.001	<0.001	0.005
31215	MW 22	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31216	MW 24	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	98	96	96	100	92	
	% EA	87	89	86	89	90	
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-30-00
Date

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
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M

Sampling Date: 09/20/00
Receiving Date: 09/22/00
Analysis Date: 09/29/00

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
31217	MW 25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31218	MW 26	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31219	MW 27	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31220	MW 29	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31221	MW 30	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31222	MW 31	<0.001	<0.001	0.001	<0.001	<0.001	0.001
31223	MW 33	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31224	MW 34	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31225	MW 35	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31226	MW 36	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
31227	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	93	92	92	95	86	
	% EA	98	97	97	96	93	
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-30-00
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 # 235

Project Manager: BETH ALDRICH
Phone #: (505) 397-4882
FAX #: (505) 397-4701

ANALYSIS REQUEST — 1 of 3

Company Name & Address: ETGI
2540 W MARLAND HOBBS NM

Project #: EOT 2044C
Project Name: BOB DURHAM

Project Location: MONUMENT 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	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
31197	MW 3	2	V	X					X		X			9-20	1136	X							
31198	MW 9														1435								
31199	MW 16														1428								
31200	MW 11														1345								
31201	MW 13														1420								
31202	MW 14														1334								
31203	MW 15														1358								
31204	MW 17														0852								
31205	MW 18														0913								
31206	MW 19														1225								
31207	MW 20														1145								

Relinquished by:	Date:	Time:	Received by:
	9.22.00	7:30	
Relinquished by:	Date: 9/22/00	Time: 8:00 AM	Received by:
Relinquished by:	Date: 9/22/00	Time: 11:45 AM	Received by Laboratory:

REMARKS
INVOICE; EOTT
FAX RESULTS; HOBBS OFFICE
MAIL RESULTS: 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 # 235

Project Manager: BETH ALDRICH

Phone #: (505) 397-4882

FAX #: (505) 397-4781

Company Name & Address: ETGI
2540 W MARLAND HOBBS NM

Project #: EOT 23446

Project Name: BOB DURHAM

Project Location: MONUMENT NM

Sampler Signature:

ANALYSIS REQUEST

2 of 3

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	RCI
31214	MW 21	2	V	X					X		X			9-20	1215	X							
31215	MW 22														1151								
31216	MW 24														1232								
31217	MW 25														1240								
31218	MW 26														1040								
31219	MW 27														1110								
31220	MW 29														1250								
31221	MW 30														1300								
31222	MW 31														1315								
31223	MW 33														1325								
31224	MW 34														0930								

Relinquished by:	Date:	Time:	Received by:
	9-22-00	7:30	
Relinquished by:	Date:	Time:	Received by:
	9/22/00	8:00 MNM	
Relinquished by:	Date:	Time:	Received by Laboratory:
	9/22/00	11:45 AX	

REMARKS

INVOICE: EOTT

FAX RESULTS: HOBBS OFFICE

MAIL RESULTS: 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# 235

Project Manager: BETH ALDRICH

Phone #: (505) 397-4882

FAX #: (505) 397-4781

Company Name & Address: ETGI
2540 W MARLAND HOBBS NM

Project #: EOT 2044C

Project Name: BOB DURHAM

Project Location: MONUMENT NM

Sampler Signature:

ANALYSIS REQUEST

3 of 3

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	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
31225	MW 35	2		X					X		X			9-20	0956	X							
31226	MW 36														1014								
31227	EB 1														1450								

Relinquished by:	Date:	Time:	Received by:
Simon Casso	9-22-00	7:30	
Relinquished by:	Date:	Time:	Received by:
	9/22/00	8:00 M NM	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

INVOICE; EOTT

FAX RESULTS; HOBBS OFFICE

MAIL RESULTS: EOTT

ENVIRONMENTAL LAB OF , INC.

COPY

"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

Sample Type: Water
Sample Condition: Intact/ Iced/ 0.5 deg. C
Project #: ECT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 03/21/01
Receiving Date: 03/26/01
Analysis Date: 03/29/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
38520	MW-3	0.130	<0.005	0.030	0.038	<0.005
38521	MW-9	0.008	<0.001	0.002	<0.001	<0.001
38522	MW-10	0.018	<0.001	0.002	<0.001	<0.001
38523	MW-11	0.006	<0.001	<0.001	<0.001	<0.001
38524	MW-13	0.517	<0.005	0.117	0.161	0.008
38525	MW-14	<0.001	<0.001	<0.001	<0.001	<0.001
38526	MW-15	0.007	<0.001	<0.001	<0.001	<0.001
38527	MW-17	<0.001	<0.001	<0.001	<0.001	<0.001
38528	MW-18	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	91	97	100	99	99
	%EA	88	89	93	90	92
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-2-01
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

Sample Type: Water
Sample Condition: Intact/ Iced/ 0.5 deg. C
Project #: EOT 2044C
Project Name: Bob Durham
Project Location: Monument, N.M.

Sampling Date: 03/21/01
Receiving Date: 03/26/01
Analysis Date: 04/02/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
38529	MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
38530	MW-20	<0.001	<0.001	<0.001	<0.001	<0.001
38531	MW-21	0.002	<0.001	0.002	0.001	<0.001
38532	MW-22	<0.001	<0.001	<0.001	<0.001	<0.001
38533	MW-24	<0.001	<0.001	<0.001	<0.001	<0.001
38534	MW-25	<0.001	<0.001	<0.001	<0.001	<0.001
38535	MW-26	<0.001	<0.001	<0.001	<0.001	<0.001
38536	MW-27	<0.001	<0.001	<0.001	<0.001	<0.001
38537	MW-29	<0.001	<0.001	<0.001	<0.001	<0.001
38538	MW-30	<0.001	<0.001	<0.001	<0.001	<0.001
38539	MW-31	0.006	<0.001	0.002	<0.001	<0.001
38540	MW-33	<0.001	<0.001	<0.001	<0.001	<0.001
38541	MW-34	<0.001	<0.001	<0.001	<0.001	<0.001
38542	MW-35	<0.001	<0.001	<0.001	<0.001	<0.001
38543	MW-36	<0.001	<0.001	<0.001	<0.001	<0.001
38544	EB-1	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	89	95	99	98	99
	%EA	89	95	99	97	98
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

4-2-01
Date

COC#43

1 of 3

Environmental Lab of Texas, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: JESSE TAYLOR
Company Name: ETGI
Company Address: 2540 W. MARLAND
City/State/Zip: HOBBS NM 88240
Telephone No: (505) 397-4882
Fax No: (505) 397-4701
Sampler Signature:

Project Name: BOB DUNAM
Project #: EOT 2044C
Project Loc: MONUMENT NM
PO #: ———

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO3	Preservative: HCl	Preservative: NaOH	Preservative: H2SO4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP: TOSHCL / SPLP / EC	Analyze For: TCLP: TPH 418.1	Analyze For: TCLP: TPH TX 1005/1006	Analyze For: TCLP: Pest 8015M GRO/DRO	Analyze For: TCLP: Metals Ag As Ba Cd Cr Pb Hg Se	Analyze For: TCLP: Volatiles	Analyze For: TCLP: Semivolatiles	Analyze For: TCLP: BTEX 8021B/5030	Analyze For: TOTAL	IRUSH TAT (Pre-Scheduled)	Standard TAT
38520	MW-3	03-21	1405	2	X		X					X											X			
38521	MW-9		1145																							
38522	MW-10		1130																							
38523	MW-11		1100																							
38524	MW-13		1042																							
38525	MW-14		1030																							
38526	MW-15		1119																							
38527	MW-17		1201																							
38528	MW-18		1222																							
38529	MW-19		0825																							

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 0.5°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	3-23-01	0700		3-23-01	0700
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	3-26-01	3:09		03-26-01	1500

Environmental Lab of Texas, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: JESSE TAYLOR
Company Name: ETGI
Company Address: 2540 W. MARLAND
City/State/Zip: HOBBS NM
Telephone No: (505) 397-4882
Fax No: (505) 397-4701
Sampler Signature:

Project Name: BOB DURHAM
Project #: EOT 20446
Project Loc: MONUMENT NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP TOTAL: TDS/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 8020/602	RUSH TAT (Pre-Schedule)	Standard TAT
38530	MW-20	3-21	0915	2	X		X					X											X		
38531	MW-21		0839																						
38532	MW-22		0900																						
38533	MW-24		0810																						
38534	MW-25		0800																						
38535	MW-26		1330																						
38536	MW-27		1345																						
38537	MW-29		0930																						
38538	MW-30		0947																						
38539	MW-31		1000																						

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 0.5°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	3-23-01	0900		3-23-01	0900
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	3-26-01	3:00		03-26-01	1500

3 of 3

Environmental Lab of Texas, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: JESSE TAYLOR
Company Name: ETGI
Company Address: 2540 W. MARLAND
City/State/Zip: HOBBS NM 88240
Telephone No: (505) 397-4882
Fax No: (505) 397-4401
Sampler Signature:

Project Name: BOB SHERRY
Project #: EOT 2044C
Project Loc: MONUMENT NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO3	Preservative: HCl	Preservative: NaOH	Preservative: H2SO4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP / SAR / EC	Analyze For: TPH 418.1	Analyze For: TPH TX 1005/1006	Analyze For: TPH 8015M GRO/DRO	Analyze For: Metals As Ag Ba Cd Cr Pb Hg Se	Analyze For: Volatiles	Analyze For: Semivolatiles	Analyze For: BTEX 8021/8260	RUSH TAT (Pre-Schedule)	Standard TAT
38540	MW-33	03-21	1019	2	X		X					X											X		
38541	MW-34		1239																						
38542	MW-35		1255																						
38543	MW-36		1312																						
38544	EB-1		1420																						

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 0.5°C
Laboratory Comments:

Relinquished by	Date	Time	Received by:	Date	Time
	3-23-01	0706		3-27-01	0700
Relinquished by	Date	Time	Received by ELOT:	Date	Time
	3-26-01	3:00	Jaime McMurray	03-26-01	1500

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

COPY

Report Date: June 14, 2001 Order Number: A01060718 Page Number: 1 of 2
EOT 2044C Bob Durham Monument NM

Summary Report

Ken Dutton
ETGI
2540 W. Marland
Hobbs, NM

Report Date: June 14, 2001

Order ID Number: A01060718

Project Number: EOT 2044C
Project Name: Bob Durham
Project Location: Monument NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
172786	MW-3	Water	6/5/01	15:45	6/7/01
172787	MW-9	Water	6/5/01	13:32	6/7/01
172788	MW-10	Water	6/5/01	13:17	6/7/01
172789	MW-11	Water	6/5/01	12:42	6/7/01
172790	MW-13	Water	6/5/01	12:30	6/7/01
172791	MW-14	Water	6/5/01	12:15	6/7/01
172792	MW-15	Water	6/5/01	13:00	6/7/01
172793	MW-17	Water	6/5/01	13:45	6/7/01
172794	MW-18	Water	6/5/01	14:00	6/7/01
172795	MW-19	Water	6/5/01	9:46	6/7/01
172796	MW-20	Water	6/5/01	10:30	6/7/01
172797	MW-21	Water	6/5/01	10:40	6/7/01
172798	MW-22	Water	6/5/01	10:00	6/7/01
172799	MW-24	Water	6/5/01	9:30	6/7/01
172800	MW-25	Water	6/5/01	9:15	6/7/01
172801	MW-26	Water	6/5/01	15:31	6/7/01
172802	MW-27	Water	6/5/01	13:11	6/7/01
172803	MW-30	Water	6/5/01	11:22	6/7/01
172804	MW-29	Water	6/5/01	11:00	6/7/01
172805	MW-31	Water	6/5/01	11:45	6/7/01
172806	MW-33	Water	6/5/01	12:00	6/7/01
172807	MW-34	Water	6/5/01	14:16	6/7/01
172808	MW-35	Water	6/5/01	14:33	6/7/01
172809	MW-36	Water	6/5/01	14:52	6/7/01
172810	EB-1	Water	6/5/01	16:00	6/7/01

This report consists of a total of 2 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)
172786 - MW-3	0.122	<0.005	0.0333	0.0266	0.182
172787 - MW-9	0.0098	<0.005	<0.005	<0.005	0.0098
172788 - MW-10	0.0717	<0.005	<0.005	<0.005	0.0717
172789 - MW-11	<0.001	<0.001	0.0032	<0.001	0.0077
172790 - MW-13	0.479	<0.005	0.143	0.236	0.858
172791 - MW-14	<0.001	<0.001	<0.001	<0.001	<0.001
172792 - MW-15	0.002	<0.001	<0.001	<0.001	0.002
172793 - MW-17	<0.005	<0.005	<0.005	<0.005	<0.005

Continued ...

Continued ...

	BTEX				
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	M,P,O-Xylene (mg/L)	Total BTEX (mg/L)
172794 - MW-18	<0.005	<0.005	<0.005	<0.005	<0.005
172795 - MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
172796 - MW-20	<0.005	<0.005	<0.005	<0.005	<0.005
172797 - MW-21	<0.005	<0.005	<0.005	<0.005	<0.005
172798 - MW-22	<0.005	<0.005	<0.005	<0.005	<0.005
172799 - MW-24	<0.001	<0.001	<0.001	<0.001	<0.001
172800 - MW-25	<0.001	<0.001	<0.001	<0.001	<0.001
172801 - MW-26	<0.001	<0.001	<0.001	<0.001	<0.001
172802 - MW-27	<0.005	<0.005	<0.005	<0.005	<0.005
172803 - MW-30	<0.005	<0.005	<0.005	<0.005	<0.005
172804 - MW-29	<0.005	<0.005	<0.005	<0.005	<0.005
172805 - MW-31	<0.001	<0.001	0.001	<0.001	0.001
172806 - MW-33	<0.005	<0.005	<0.005	<0.005	<0.005
172807 - MW-34	<0.005	<0.005	<0.005	<0.005	<0.005
172808 - MW-35	<0.005	<0.005	<0.005	<0.005	<0.005
172809 - MW-36	<0.005	<0.005	<0.005	<0.005	<0.005
172810 - EB-1	<0.001	<0.001	<0.001	<0.001	<0.001

TRACEANALYSIS, INC.

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ken Dutton
ETGI
2540 W. Marland
Hobbs, NM

Report Date: June 14, 2001

Order ID Number: A01060718

Project Number: EOT 2044C
Project Name: Bob Durham
Project Location: Monument NM

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
172786	MW-3	Water	6/5/01	15:45	6/7/01
172787	MW-9	Water	6/5/01	13:32	6/7/01
172788	MW-10	Water	6/5/01	13:17	6/7/01
172789	MW-11	Water	6/5/01	12:42	6/7/01
172790	MW-13	Water	6/5/01	12:30	6/7/01
172791	MW-14	Water	6/5/01	12:15	6/7/01
172792	MW-15	Water	6/5/01	13:00	6/7/01
172793	MW-17	Water	6/5/01	13:45	6/7/01
172794	MW-18	Water	6/5/01	14:00	6/7/01
172795	MW-19	Water	6/5/01	9:46	6/7/01
172796	MW-20	Water	6/5/01	10:30	6/7/01
172797	MW-21	Water	6/5/01	10:40	6/7/01
172798	MW-22	Water	6/5/01	10:00	6/7/01
172799	MW-24	Water	6/5/01	9:30	6/7/01
172800	MW-25	Water	6/5/01	9:15	6/7/01
172801	MW-26	Water	6/5/01	15:31	6/7/01
172802	MW-27	Water	6/5/01	13:11	6/7/01
172803	MW-30	Water	6/5/01	11:22	6/7/01
172804	MW-29	Water	6/5/01	11:00	6/7/01
172805	MW-31	Water	6/5/01	11:45	6/7/01
172806	MW-33	Water	6/5/01	12:00	6/7/01
172807	MW-34	Water	6/5/01	14:16	6/7/01
172808	MW-35	Water	6/5/01	14:33	6/7/01
172809	MW-36	Water	6/5/01	14:52	6/7/01
172810	EB-1	Water	6/5/01	16:00	6/7/01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

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

Dr. Blair Leftwich, Director

Analytical Report

Sample: 172786 - MW-3

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11811	Date Analyzed:	6/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10097	Date Prepared:	6/9/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.122	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		0.0333	mg/L	5	0.001
M,P,O-Xylene		0.0266	mg/L	5	0.001
Total BTEX		0.182	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.439	mg/L	5	0.10	87	72 - 128
4-BFB		0.447	mg/L	5	0.10	89	72 - 128

Sample: 172787 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11811	Date Analyzed:	6/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10097	Date Prepared:	6/9/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0098	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		0.0098	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.454	mg/L	5	0.10	90	72 - 128
4-BFB		0.448	mg/L	5	0.10	89	72 - 128

Sample: 172788 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11811	Date Analyzed:	6/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10097	Date Prepared:	6/9/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0717	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		0.0717	mg/L	5	0.001

Continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.384	mg/L	5	0.10	76	72 - 128
4-BFB		0.391	mg/L	5	0.10	78	72 - 128

Sample: 172789 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11811	Date Analyzed:	6/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10097	Date Prepared:	6/9/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		0.0032	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		0.0077	mg/L	1	0.001
Test Comments		0.0032	mg/L	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0926	mg/L	1	0.10	92	72 - 128
4-BFB		0.0931	mg/L	1	0.10	93	72 - 128

Sample: 172790 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.479	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		0.143	mg/L	5	0.001
M,P,O-Xylene		0.236	mg/L	5	0.001
Total BTEX		0.858	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.384	mg/L	5	0.10	76	72 - 128
4-BFB		0.411	mg/L	5	0.10	82	72 - 128

Sample: 172791 - MW-14

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001

Continued ...

... *Continued* Sample: 172791 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0787	mg/L	1	0.10	78	72 - 128
4-BFB		0.0748	mg/L	1	0.10	74	72 - 128

Sample: 172792 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.002	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		0.002	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0781	mg/L	1	0.10	78	72 - 128
4-BFB		0.0748	mg/L	1	0.10	74	72 - 128

Sample: 172793 - MW-17

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.372	mg/L	5	0.10	74	72 - 128
4-BFB		0.358	mg/L	5	0.10	72	72 - 128

Sample: 172794 - MW-18

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.371	mg/L	5	0.10	74	72 - 128
4-BFB	[1]	0.353	mg/L	5	0.10	70	72 - 128

Sample: 172795 - MW-19

Analysis: BTEX | Analytical Method: S 8021B | QC Batch: QC11905 | Date Analyzed: 6/11/01
Analyst: CG | Preparation Method: E 5030B | Prep Batch: PB10186 | Date Prepared: 6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[2]	0.0548	mg/L	1	0.10	54	72 - 128
4-BFB	[3]	0.0567	mg/L	1	0.10	56	72 - 128

Sample: 172796 - MW-20

Analysis: BTEX | Analytical Method: S 8021B | QC Batch: QC11905 | Date Analyzed: 6/11/01
Analyst: CG | Preparation Method: E 5030B | Prep Batch: PB10186 | Date Prepared: 6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.376	mg/L	5	0.10	75	72 - 128
4-BFB		0.359	mg/L	5	0.10	72	72 - 128

[1] Low surrogate due to matrix.
[2] Surrogate recovery outside of normal limits due to matrix difficulties.
[3] Surrogate recovery outside of normal limits due to matrix difficulties.

Sample: 172797 - MW-21

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[3]	0.316	mg/L	5	0.10	63	72 - 128
4-BFB	[4]	0.297	mg/L	5	0.10	59	72 - 128

Sample: 172798 - MW-22

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.391	mg/L	5	0.10	78	72 - 128
4-BFB		0.374	mg/L	5	0.10	74	72 - 128

Sample: 172799 - MW-24

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0977	mg/L	1	0.10	97	72 - 128
4-BFB		0.0932	mg/L	1	0.10	93	72 - 128

[3]Surrogate recovery outside of normal limits due to matrix difficulties.
[4]Surrogate recovery outside of normal limits due to matrix difficulties.

Sample: 172800 - MW-25

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.072	mg/L	1	0.10	72	72 - 128
4-BFB	[5]	0.0692	mg/L	1	0.10	69	72 - 128

Sample: 172801 - MW-26

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0889	mg/L	1	0.10	88	72 - 128
4-BFB		0.0854	mg/L	1	0.10	85	72 - 128

Sample: 172802 - MW-27

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.488	mg/L	5	0.10	97	72 - 128
4-BFB		0.466	mg/L	5	0.10	93	72 - 128

[5] Surrogate recovery outside of normal limits due to matrix difficulties.

Sample: 172803 - MW-30

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.449	mg/L	5	0.10	89	72 - 128
4-BFB		0.428	mg/L	5	0.10	85	72 - 128

Sample: 172804 - MW-29

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[6]	0.26	mg/L	5	0.10	52	72 - 128
4-BFB	[7]	0.253	mg/L	5	0.10	50	72 - 128

Sample: 172805 - MW-31

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0988	mg/L	1	0.10	98	72 - 128
4-BFB		0.0949	mg/L	1	0.10	94	72 - 128

[6] Surrogate recovery outside of normal limits due to matrix difficulties.
[7] Surrogate recovery outside of normal limits due to matrix difficulties.

Sample: 172806 - MW-33

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.449	mg/L	5	0.10	89	72 - 128
4-BFB		0.446	mg/L	5	0.10	89	72 - 128

Sample: 172807 - MW-34

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.457	mg/L	5	0.10	91	72 - 128
4-BFB		0.446	mg/L	5	0.10	89	72 - 128

Sample: 172808 - MW-35

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.486	mg/L	5	0.10	97	72 - 128
4-BFB		0.47	mg/L	5	0.10	94	72 - 128

Sample: 172809 - MW-36

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11905	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10186	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.49	mg/L	5	0.10	98	72 - 128
4-BFB		0.46	mg/L	5	0.10	92	72 - 128

Sample: 172810 - EB-1

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC11906	Date Analyzed:	6/11/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10188	Date Prepared:	6/11/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0947	mg/L	1	0.10	94	72 - 128
4-BFB		0.0904	mg/L	1	0.10	90	72 - 128

Quality Control Report
Method Blank

Method Blank

QCBatch: QC11811

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0936	mg/L	1	0.10	93	72 - 128
4-BFB		0.0908	mg/L	1	0.10	90	72 - 128

Method Blank

QCBatch: QC11905

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0877	mg/L	1	0.10	87	72 - 128
4-BFB		0.0822	mg/L	1	0.10	82	72 - 128

Method Blank

QCBatch: QC11906

Param	Flag	Results	Units	Reporting Limit
MTBE		<0.001	mg/L	0.001
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0872	mg/L	1	0.10	87	72 - 128

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-BFB		0.0836	mg/L	1	0.10	83	72 - 128

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC11811

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0944	0.0937	mg/L	1	0.10	<0.001	94	0	80 - 120	20
Benzene	0.0862	0.0856	mg/L	1	0.10	<0.001	86	0	80 - 120	20
Toluene	0.0851	0.0847	mg/L	1	0.10	<0.001	85	0	80 - 120	20
Ethylbenzene	0.085	0.0846	mg/L	1	0.10	<0.001	85	0	80 - 120	20
M,P,O-Xylene	0.262	0.261	mg/L	1	0.30	<0.001	87	0	80 - 120	20

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

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0923	0.0897	mg/L	1	0.10	92	89	72 - 128
4-BFB	0.0908	0.0898	mg/L	1	0.10	90	89	72 - 128

Laboratory Control Spikes

QCBatch: QC11905

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0901	0.0886	mg/L	1	0.10	<0.001	90	1	80 - 120	20
Benzene	0.0937	0.0918	mg/L	1	0.10	<0.001	93	2	80 - 120	20
Toluene	0.0929	0.0911	mg/L	1	0.10	<0.001	92	1	80 - 120	20
Ethylbenzene	0.0931	0.0914	mg/L	1	0.10	<0.001	93	1	80 - 120	20
M,P,O-Xylene	0.29	0.285	mg/L	1	0.30	<0.001	96	1	80 - 120	20

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

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0963	0.0939	mg/L	1	0.10	96	93	72 - 128
4-BFB	0.0968	0.093	mg/L	1	0.10	96	93	72 - 128

Laboratory Control Spikes

QCBatch: QC11906

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.101	0.103	mg/L	1	0.10	<0.001	101	1	80 - 120	20
Benzene	0.095	0.0962	mg/L	1	0.10	<0.001	95	1	80 - 120	20
Toluene	0.0944	0.096	mg/L	1	0.10	<0.001	94	1	80 - 120	20
Ethylbenzene	0.095	0.0966	mg/L	1	0.10	<0.001	95	1	80 - 120	20
M,P,O-Xylene	0.295	0.3	mg/L	1	0.30	<0.001	98	1	80 - 120	20

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

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.099	0.101	mg/L	1	0.10	99	101	72 - 128
4-BFB	0.1	0.101	mg/L	1	0.10	100	101	72 - 128

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC11811

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0998	99	85 - 115	6/9/01
Benzene		mg/L	0.10	0.0898	89	85 - 115	6/9/01
Toluene		mg/L	0.10	0.0888	88	85 - 115	6/9/01
Ethylbenzene		mg/L	0.10	0.0888	88	85 - 115	6/9/01
M,P,O-Xylene		mg/L	0.30	0.274	91	85 - 115	6/9/01

CCV (2)

QCBatch: QC11811

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.102	102	85 - 115	6/9/01
Benzene		mg/L	0.10	0.0937	93	85 - 115	6/9/01
Toluene		mg/L	0.10	0.0924	92	85 - 115	6/9/01
Ethylbenzene		mg/L	0.10	0.0925	92	85 - 115	6/9/01
M,P,O-Xylene		mg/L	0.30	0.285	95	85 - 115	6/9/01

ICV (1)

QCBatch: QC11811

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.102	102	85 - 115	6/9/01
Benzene		mg/L	0.10	0.0943	94	85 - 115	6/9/01
Toluene		mg/L	0.10	0.0935	93	85 - 115	6/9/01
Ethylbenzene		mg/L	0.10	0.0943	94	85 - 115	6/9/01
M,P,O-Xylene		mg/L	0.30	0.292	97	85 - 115	6/9/01

CCV (1)

QCBatch: QC11905

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0862	86	85 - 115	6/11/01
Benzene		mg/L	0.10	0.0914	91	85 - 115	6/11/01
Toluene		mg/L	0.10	0.0903	90	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.0904	90	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.281	93	85 - 115	6/11/01

CCV (2)

QCBatch: QC11905

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0953	95	85 - 115	6/11/01
Benzene		mg/L	0.10	0.0943	94	85 - 115	6/11/01
Toluene		mg/L	0.10	0.0935	93	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.0939	93	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.291	97	85 - 115	6/11/01

ICV (1)

QCBatch: QC11905

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0927	92	85 - 115	6/11/01
Benzene		mg/L	0.10	0.0948	94	85 - 115	6/11/01
Toluene		mg/L	0.10	0.0944	94	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.0949	94	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.295	98	85 - 115	6/11/01

CCV (1)

QCBatch: QC11906

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0913	91	85 - 115	6/11/01
Benzene		mg/L	0.10	0.0855	85	85 - 115	6/11/01
Toluene		mg/L	0.10	0.085	85	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.085	85	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.265	88	85 - 115	6/11/01

CCV (2)

QCBatch: QC11906

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0888	88	85 - 115	6/11/01

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.0891	89	85 - 115	6/11/01
Toluene		mg/L	0.10	0.0881	88	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.0877	87	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.272	90	85 - 115	6/11/01

ICV (1) QCBatch: QC11906

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.091	91	85 - 115	6/11/01
Benzene		mg/L	0.10	0.0893	89	85 - 115	6/11/01
Toluene		mg/L	0.10	0.0888	88	85 - 115	6/11/01
Ethylbenzene		mg/L	0.10	0.089	89	85 - 115	6/11/01
M,P,O-Xylene		mg/L	0.30	0.2772	92	85 - 115	6/11/01

073

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Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0106007 18

Company Name: ETGI
Phone # (505) 397-4882
Address: (Street, City, Zip) 2540 W MARLAND HOBBS NM 88240
Fax # (505) 397-4701
Contact Person: KEN DURHAM
Invoice to: (if different from above) ETGI
Project #: 507 2044C
Project Name: BOB DURHAM
Project Location: MONUMENT NM
Sampler Signature: Denton Casas

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
172786	MW 3	2	✓	X				X				X		6-5	1545
87	MW 4														1352
88	MW 12														1317
89	MW 11														1242
90	MW 13														1230
91	MW 14														1215
92	MW 15														1300
93	MW 17														1345
94	MW 18														1400
95	MW 19														0941
96	MW 20														1030

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by: Denton Casas Date: 6-6-01 Time: 1400
Received by: Date: 6-6-01 Time: 1440
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Vicki Chaney Date: 6-7-01 Time: 10:00

LAB USE ONLY
Intact (Y) N
Headspace Y (N)
Temp 4 °
Log-in Review MA

REMARKS: Sediment in mw 6 15

☐ Check If Special Reporting Limits Are Needed

Carrier # FEDEX 902 029 0774

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # AD10607018

Company Name: ETGI
Phone #: (505) 397-4882
Address: (Street, City, Zip) 2540 W MARLAND HOBBS NM 88240
Fax #: (505) 397-4701
Contact Person: KEN DUTTON
Invoice to: (if different from above) EOTI
Project #: EOT 2044C
Project Name: BOB DURHAM
Project Location: MIDWEST, NM
Sampler Signature: Simon Casas

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS: pH					Turn Around Time if different from standard	Hold
12MW1	MW 21	2	✓	X				X				X		6-5	1040	X																				
98	MW 22														1000																						
99	MW 24														0930																						
800	MW 25														0915																						
01	MW 26														1531																						
02	MW 27														1510																						
03	MW 30														1122																						
04	MW 29														1100																						
05	MW 31														1145																						
06	MW 33														1200																						
07	MW 34														1416																						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Simon Casas	6-6-01	1400	[illegible]	6-6-01	1440
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Nick Dewey	6-7-01	10:00 am

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review NA

REMARKS: Sediment in vial

☐ Check If Special Reporting Limits Are Needed

Carrier # FAMTO 902 6029 0174

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0106071 8

Company Name: EGI
Phone # (505) 397-4882
Address: (Street, City, Zip) 2540 W MARLAND HOBBS NM
Fax # (505) 397-4701
Contact Person: KEN DUTTON
Invoice to: (if different from above) EOTT
Project #: EOT 2044C
Project Name: BOB DURHAM
Project Location: MONUMENT NM
Sampler Signature: Simon Cass

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
173808	MW 35	2	✓	X				X				X		6-5	1433
09	MW 36	↓	↓	↓				↓				↓		↓	1452
10	EB 1	✓	↓	↓				↓				↓		↓	1600

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by: Simon Cass Date: 6-6-01 Time: 1400
Received by: [signature] Date: 6-6-01 Time: 1440
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Nicki Hinsley 6-7-01 10:00

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

REMARKS: Sediment in vial

☐ Check If Special Reporting Limits Are Needed

Carrier # TNMO 902 629 017 4

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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
Address: 2540 W. Marland
Hobbs Nm 88240

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

Report#/Lab ID#: 120026 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 3
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 14:49

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	117	µg/L	1	<1	10/09/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	15.7	µg/L	1	<1	10/09/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	16	µg/L	1	<1	10/09/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	1	99.8	100.4	102.8

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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 7840
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 3	**Report#/Lab ID#:** 120026 **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	97.5	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#: 120027 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 9
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 09:10

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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	2.15	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 9	**Report#/Lab ID#:** 120027 **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	88.9	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#: 120028 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 10
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 12:15

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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	164	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	J	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	J	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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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:** Bob Durham EOT 2044C **Sample Name:** MW 10	**Report#/Lab ID#:** 120028 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	89.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120028 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 10

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
Ethylbenzene	J	See J-flag discussion above.
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#: 120029 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 11
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	2.82	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	J	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	J	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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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:** Bob Durham EOT 2044C **Sample Name:** MW 11	**Report#/Lab ID#:** 120029 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	89.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120029 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
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
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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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#: 120030 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 13
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 11:47

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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	399	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	134	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	227	µg/L	1	<1	10/08/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	J	1	99.8	100.4	102.8

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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:** Bob Durham EOT 2044C **Sample Name:** MW 13	**Report#/Lab ID#:** 120030 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	90	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120030 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 13

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
Toluene	J	See J-flag discussion above.

Notes:

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#: 120031 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 14
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/01	8260b	J	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	J	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 14	**Report#/Lab ID#:** 120031 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.5	80-120	---
Toluene-d8	8260b	90.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120031 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 14

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.
m,p-Xylenes	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#: 120032 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 15
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 12:08

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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	1.4	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 15	**Report#/Lab ID#:** 120032 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.8	80-120	---
Toluene-d8	8260b	91	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#: 120033 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 17
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 12:28

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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 17	**Report#/Lab ID#:** 120033 **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	90.3	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#: 120034 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 18
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/08/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/01	8260b	---	1.1	104	104.8	106.9
Ethylbenzene	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	96	96.7	97.7
m,p-Xylenes	<1	µg/L	1	<1	10/08/01	8260b	---	0.8	94.4	95	96.1
o-Xylene	<1	µg/L	1	<1	10/08/01	8260b	---	1.8	99.4	97.6	99.6
Toluene	<1	µg/L	1	<1	10/08/01	8260b	---	1	99.8	100.4	102.8

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Bob Durham EOT 2044C
Sample Name: MW 18

Report#/Lab ID#: 120034
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	90.1	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#: 120035 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 19
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 09:00

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	---		---		10/10/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/10/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/10/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/10/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/10/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/10/01	8260b	---	0	88.2	112.4	91.8

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Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 19	**Report#/Lab ID#:** 120035 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.4	80-120	---
Toluene-d8	8260b	94.8	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#: 120036 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 20
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/10/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/10/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/10/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/10/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/10/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/10/01	8260b	---	0	88.2	112.4	91.8

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Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 20	**Report#/Lab ID#:** 120036 **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	93.5	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#: 120037 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 21
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 21	**Report#/Lab ID#:** 120037 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.9	80-120	---
Toluene-d8	8260b	95.9	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#: 120038 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 22
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 14:10

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 22	**Report#/Lab ID#:** 120038 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.4	80-120	---
Toluene-d8	8260b	95.5	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#: 120039 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 24
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 08:45

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 24	**Report#/Lab ID#:** 120039 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.2	80-120	---
Toluene-d8	8260b	94.1	88-110	---

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

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Hobbs Nm 88240

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

Report#/Lab ID#: 120040 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 25
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 08:30

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 25	**Report#/Lab ID#:** 120040 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.1	80-120	---
Toluene-d8	8260b	94.7	88-110	---

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

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Report#/Lab ID#: 120041 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 26
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 13:30

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 26	**Report#/Lab ID#:** 120041 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.6	80-120	---
Toluene-d8	8260b	96.1	88-110	---

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

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

Report#/Lab ID#: 120042 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 27
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 13:45

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	1.24	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 27	**Report#/Lab ID#:** 120042 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.6	80-120	---
Toluene-d8	8260b	98.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120042 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 27

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:

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Address: 2540 W. Marland
Hobbs Nm 88240

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

Report#/Lab ID#: 120043 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 29
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	J	0	88.2	112.4	91.8

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Respectfully Submitted,

Richard Laster

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ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX [illegible]44 &
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:** Bob Durham EOT 2044C **Sample Name:** MW 29	**Report#/Lab ID#:** 120043 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120043 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 29

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.
Toluene	J	See J-flag discussion above.

Notes:

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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#: 120044 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 30
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 11:10

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	J	0	88.2	112.4	91.8

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Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 30	**Report#/Lab ID#:** 120044 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.9	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120044 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 30

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
Benzene	J	See J-flag discussion above.
Toluene	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#: 120051 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 31
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	7.82	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	J	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 31	**Report#/Lab ID#:** 120051 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	80-120	---
Toluene-d8	8260b	98.6	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#: 120045 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 33
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 11:27

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	J	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	1.16	µg/L	1	<1	10/09/01	8260b	---	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 33	**Report#/Lab ID#:** 120045 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.2	80-120	---
Toluene-d8	8260b	97.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120045 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 33

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
Benzene	J	See J-flag discussion above.
m,p-Xylenes	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#: 120046 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: mw 34
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **Time:** 12:52

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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	J	0	88.2	112.4	91.8

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** mw 34	**Report#/Lab ID#:** 120046 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Toluene-d8	8260b	97.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120046 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: mw 34

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

Notes:

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#: 120047 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 35
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	J	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	J	0	88.2	112.4	91.8

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 35	**Report#/Lab ID#:** 120047 **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	99.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120047 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 35

Sample Temperature/Condition <=6°C

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☐ 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.
Toluene	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#: 120048 **Report Date:** 10/12/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 36
Sample Matrix: water
Date Received: 10/02/2001 **Time:** 13:24
Date Sampled: 09/26/2001 **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	---		---		10/09/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/01	8260b	---	1.3	91.7	114.6	94.7
Ethylbenzene	<1	µg/L	1	<1	10/09/01	8260b	---	2.6	99.8	102.3	101.5
m,p-Xylenes	<1	µg/L	1	<1	10/09/01	8260b	---	3.3	98.2	101.7	100.8
o-Xylene	<1	µg/L	1	<1	10/09/01	8260b	---	2.1	99.4	101.4	102
Toluene	<1	µg/L	1	<1	10/09/01	8260b	J	0	88.2	112.4	91.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 36	**Report#/Lab ID#:** 120048 **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	98.3	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 120048 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 36

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
Toluene	J	See J-flag discussion above.

Notes:

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1 of 3

CHAIN-OF-CUSTODY

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

$22

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: BOB DURHAM EOT 2044C 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 8021 B	Comments
MW 3	9/26/01	1449	2		X		120026	X	
MW 9		0910					120027		
MW 10		1215					120028		
MW 11		1200					120029		
MW 13		1147					120030		
MW 14		1140					120031		
MW 15		1208					120032		
MW 17		1228					120033		
MW 18		1240					120034		
MW 19		0900					120035		

(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
Simon Casas		10-1-01	1200	Melanie Humphrey	ASI	10/2/01	1324

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

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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#: BOB DURHAM EIT 2044C 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 20	9/26/01	1430	2		X		120036	X	
MW 21		1400					120037		
MW 22		1410					120038		
MW 24		0845					120039		
MW 25		0830					120040		
MW 26		1330					120041		
MW 27		1345					120042		
MW 29		1100					120043		
MW 30		1110					120044		
MW 31	↓	1119	↓		↓		120051	↓	

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T = 0.0 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10-1-01	1200	Melanie Humphrey	ASI	10/2/01	1324

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

Cnc 139
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Phone (505) 397-4182 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#: BOB DURHAM EOT 2044C Sampler: Simon Cabral

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	TPH 8015 DRO/GRO	Comments
MW 33	9/26/01	1127	2		X			X		
MW 34		1252								
MW 35		1310								
MW 36		1320								
EAST STOCKPILE	10-1-01	0830	1	X					X	
WEST STOCKPILE	10-1-01	0845	1	X					X	

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Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Cabral		10-1-01	1200				

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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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123033 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---		---		12/06/01	8260b	---	---	---	---	---
Benzene	113	µg/L	1	<1	12/06/01	8260b	---	4.8	83	88.2	84.1
Ethylbenzene	18	µg/L	1	<1	12/06/01	8260b	---	0.1	89	90.4	87.4
m,p-Xylenes	24.2	µg/L	1	<1	12/06/01	8260b	---	0.3	85.6	87.3	84
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	1.3	87.8	90.3	86.6
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.3	87.1	92.5	88.4

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 3	**Report#/Lab ID#:** 123033 **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	107	88-110	---

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

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123034 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 9
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 09:30

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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	2.52	µg/L	1	<1	12/05/01	8260b	---	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	J	0.2	101	99.8	103.9
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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Client: Environmental Tech Group
Attn: Jason Henry

Project ID: Bob Durham EOT 2044C
Sample Name: MW 9

Report#/Lab ID#: 123034
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107.5	80-120	---
Toluene-d8	8260b	98.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123034 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 9

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
Ethylbenzene	J	See J-flag discussion above.

Notes:

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123035 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 10
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 11:15

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	---		---		12/06/01	8260b	---	---	---	---	---
Benzene	93.5	µg/L	1	<1	12/06/01	8260b	---	5.7	86.2	88.3	82.6
Ethylbenzene	1.9	µg/L	1	<1	12/06/01	8260b	---	1.7	91.2	94.6	89.2
m,p-Xylenes	1.59	µg/L	1	<1	12/06/01	8260b	---	1.5	87	89.9	83
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	0.5	90.3	94.8	85.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	19.9	91.4	93.4	87.4

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 10	**Report#/Lab ID#:** 123035 **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	105	88-110	---

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

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Client: Environmental Tech Group
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Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123036 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 11
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 11:45

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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	1.43	µg/L	1	<1	12/05/01	8260b	---	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	J	0.2	101	99.8	103.9
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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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:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 11	**Report#/Lab ID#:** 123036 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109.3	80-120	---
Toluene-d8	8260b	104.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123036 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
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
Ethylbenzene	J	See J-flag discussion above.

Notes:

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123037 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 13
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---		---		12/06/01	8260b	---	---	---	---	---
Benzene	215	µg/L	1	<1	12/06/01	8260b	---	4.8	83	88.2	84.1
Ethylbenzene	71.6	µg/L	1	<1	12/06/01	8260b	---	0.1	89	90.4	87.4
m,p-Xylenes	103	µg/L	1	<1	12/06/01	8260b	---	0.3	85.6	87.3	84
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	1.3	87.8	90.3	86.6
Toluene	<1	µg/L	1	<1	12/06/01	8260b	J	4.3	87.1	92.5	88.4

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 13	**Report#/Lab ID#:** 123037 **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	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123037 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 13

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
Toluene	J	See J-flag discussion above.

Notes:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123038 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 14
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/05/01	8260b	J	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	---	0.2	101	99.8	103.9
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 14	**Report#/Lab ID#:** 123038 ***Sample Matrix:*** *water*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109.5	80-120	---
Toluene-d8	8260b	101.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123038 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 14

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
Benzene	J	See J-flag discussion above.

Notes:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123039 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 15
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 11:30

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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	1.35	µg/L	1	<1	12/05/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	4.4	102.1	100.9	102.8

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 15	**Report#/Lab ID#:** 123039 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103.6	80-120	---
Toluene-d8	8260b	96	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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123040 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 17
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 12:15

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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/05/01	8260b	J	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	J	0.2	101	99.8	103.9
m,p-Xylenes	2.79	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	1.32	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 17	**Report#/Lab ID#:** 123040 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110.8	80-120	---
Toluene-d8	8260b	101.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123040 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 17

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:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123041 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 18
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/05/01	8260b	J	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	---	0.2	101	99.8	103.9
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 18	**Report#/Lab ID#:** 123041 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115.4	80-120	---
Toluene-d8	8260b	98.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123041 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 18

Sample Temperature/Condition <=6°C

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Parameter	Qualif	Comment
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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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123042 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 19
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 08:30

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	J	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 19	**Report#/Lab ID#:** 123042 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111.2	80-120	---
Toluene-d8	8260b	102.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123042 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 19

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:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123043 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 20
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 09:00

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	---	---	---	---	12/05/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/05/01	8260b	J	1.4	91.6	96.4	91.9
Ethylbenzene	<1	µg/L	1	<1	12/05/01	8260b	---	0.2	101	99.8	103.9
m,p-Xylenes	<1	µg/L	1	<1	12/05/01	8260b	---	1	103.8	101.3	107.2
o-Xylene	<1	µg/L	1	<1	12/05/01	8260b	---	1.3	103	100.6	103.8
Toluene	<1	µg/L	1	<1	12/05/01	8260b	---	0	101.3	102.6	100.2

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 20	**Report#/Lab ID#:** 123043 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107.5	80-120	---
Toluene-d8	8260b	104.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123043 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
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

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- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

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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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123044 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 21
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 09:15

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	---		---		12/06/01	8260b	---	---	---	---	---
Benzene	1.21	µg/L	1	<1	12/06/01	8260b	---	5.7	86.2	88.3	82.6
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	J	1.7	91.2	94.6	89.2
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	1.5	87	89.9	83
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	0.5	90.3	94.8	85.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	19.9	91.4	93.4	87.4

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 21	**Report#/Lab ID#:** 123044 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.6	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#: 123044 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 21

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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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123045 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 22
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 08:45

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 22	**Report#/Lab ID#:** 123045 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108.7	80-120	---
Toluene-d8	8260b	100.9	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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123046 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 24
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 08:15

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Bob Durham EOT 2044C	**Report#/Lab ID#:** 123046
Attn: Jason Henry	**Sample Name:** MW 24	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110.1	80-120	---
Toluene-d8	8260b	100.5	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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123047 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 25
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 08:00

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	J	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 25	**Report#/Lab ID#:** 123047 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112.3	80-120	---
Toluene-d8	8260b	103.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123047 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 25

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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- ☐ 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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123048 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 26
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 13:45

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 26	**Report#/Lab ID#:** 123048 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113.2	80-120	---
Toluene-d8	8260b	99.7	88-110	---

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

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Client: Environmental Tech Group
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Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123049 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 27
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 13:30

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 27	**Report#/Lab ID#:** 123049 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107.6	80-120	---
Toluene-d8	8260b	105.8	88-110	---

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

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Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123050 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 29
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 09:45

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	J	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 29	**Report#/Lab ID#:** 123050 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113.5	80-120	---
Toluene-d8	8260b	100.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123050 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 29

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:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123051 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 30
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	J	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 30	**Report#/Lab ID#:** 123051 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106.9	80-120	---
Toluene-d8	8260b	104.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123051 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 30

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
Benzene	J	See J-flag discussion above.

Notes:

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123052 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 31
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 10:15

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	7.55	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	J	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Richard Laster

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 31	**Report#/Lab ID#:** 123052 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109.4	80-120	---
Toluene-d8	8260b	103.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123052 **Matrix:** water
Client: *Environmental Tech Group* **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 31

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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☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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Client: Environmental Tech Group
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Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123053 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 33
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 33	**Report#/Lab ID#:** 123053 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115.5	80-120	---
Toluene-d8	8260b	98.8	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: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123054 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 34
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 13:00

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	J	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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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:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 34	**Report#/Lab ID#:** 123054 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111.6	80-120	---
Toluene-d8	8260b	100.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 123054 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jason Henry
Project ID: Bob Durham EOT 2044C
Sample Name: MW 34

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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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123055 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 35
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 35	**Report#/Lab ID#:** 123055 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110.2	80-120	---
Toluene-d8	8260b	104.1	88-110	---

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

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123056 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: MW 36
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 36	**Report#/Lab ID#:** 123056 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111.5	80-120	---
Toluene-d8	8260b	104	88-110	---

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

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Client: Environmental Tech Group
Attn: Jason Henry
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 123057 **Report Date:** 12/11/01
Project ID: Bob Durham EOT 2044C
Sample Name: EB 1
Sample Matrix: water
Date Received: 11/27/2001 **Time:** 10:00
Date Sampled: 11/24/2001 **Time:** 14:15

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	---	---	---	---	12/06/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/01	8260b	---	5.5	93.2	94.5	94.2
Ethylbenzene	<1	µg/L	1	<1	12/06/01	8260b	---	0.9	97.4	100.8	101
m,p-Xylenes	<1	µg/L	1	<1	12/06/01	8260b	---	2.4	100.8	100.7	104.5
o-Xylene	<1	µg/L	1	<1	12/06/01	8260b	---	3.1	99.4	99.6	101.7
Toluene	<1	µg/L	1	<1	12/06/01	8260b	---	4.4	102.1	100.9	102.8

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Client: Environmental Tech Group **Attn:** Jason Henry	**Project ID:** Bob Durham EOT 2044C **Sample Name:** EB 1	**Report#/Lab ID#:** 123057 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109.4	80-120	---
Toluene-d8	8260b	104.2	88-110	---

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

1 of 3

CHAIN-OF-CUSTODY

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Address 4600 WEST WALL
City MIDLAND State TX Zip 79703
ATTN: JASON HENRY
Phone (915) 522 1139 Fax (915) 520-4310

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

#513

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: BOB DURHAM Sampler: Lamar Cross
EOT 2044C

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 3	11-24-01	1400	2		X		123033	X	
MW 9		0930					123034		
MW 10		1115					123035		
MW 11		1145					123036		
MW 13		1100					123037		
MW 14		1045					123038		
MW 15		1130					123039		
MW 17		1215					123040		
MW 18		1315					123041		
MW 19		0830					123042		

(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
Lamar Cross	ETGE	11/26/01	1200	Melanie Humphrey	ASI	11/27/01	1000

[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

ANALYSYS INC.
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Send Reports To:
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City MIDLAND State TX Zip 79703
ATTN: JASON HENRY
Phone (915) 522 1139 Fax (915) 520-4310

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#: BOB DURHAM EOT 2044C Sampler: Steve 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 20	11-24-01	0900	2		X		123043	X	
MW 21		0915					123044		
MW 22		0845					123045		
MW 24		0815					123046		
MW 25		0800					123047		
MW 26		1345					123048		
MW 27		1330					123049		
MW 29		0945					123050		
MW 30		1000					123051		
MW 31		1015					123052		

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Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Steve Casas	ETGI	11-26-01	1200	Melanie Humphreys	ASI	11/27/01	1000

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

3 of 3

CHAIN-OF-CUSTODY

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Send Reports To:
Company Name E.T.G.I.
Address 4600 WEST WALL
City MIDLAND State TX Zip 79703
ATTN: JASON HENRY
Phone (915) 522 1139 Fax (915) 520-4310

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#: BOB DRIMM Sampler: Simon Casas
EOT 2044C

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 33	11-24-01	1030	2		X		123053	X	
MW 34		1300					123054		
MW 35		1230					123055		
MW 36		1200					123056		
EB 1		1415					123057		

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Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	11-26-01	1200	Melanie Humphreys	ASI	11/27/01	1000

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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#: 127349 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 3
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 13:05

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	112	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	16.4	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	18.6	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	J	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 3	**Report#/Lab ID#:** 127349 **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	92.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127349 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 3

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.

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#: 127350 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 9
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 10:05

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	J	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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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:** Bob Durham EOT 2044C **Sample Name:** MW 9	**Report#/Lab ID#:** 127350 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	90.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127350 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 9

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:

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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#: 127351 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 10
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 11:10

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	---		---		04/02/02	8260b	---	---	---	---	---
Benzene	29.2	µg/L	1	<1	04/02/02	8260b	---	2	102.8	103.5	99.1
Ethylbenzene	<1	µg/L	1	<1	04/02/02	8260b	J	3.6	95.3	100.3	100.7
m,p-Xylenes	<1	µg/L	1	<1	04/02/02	8260b	J	0.5	102.4	103.8	103.9
o-Xylene	<1	µg/L	1	<1	04/02/02	8260b	---	3-	94.7	98.8	98.9
Toluene	<1	µg/L	1	<1	04/02/02	8260b	---	7.5	105.1	113.7	110.4

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 10	**Report#/Lab ID#:** 127351 **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	91.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127351 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 10

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

Notes:

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Client: Environmental Tech Group
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Hobbs, NM 88240

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

Report#/Lab ID#: 127352 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 11
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	1.28	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 11	**Report#/Lab ID#:** 127352 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	92.8	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#: 127353 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 13
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 10:35

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	---		---		04/02/02	8260b	---	---	---	---	---
Benzene	311	µg/L	10	<10	04/02/02	8260b	---	2	102.8	103.5	99.1
Ethylbenzene	97.1	µg/L	1	<1	04/02/02	8260b	---	3.6	95.3	100.3	100.7
m,p-Xylenes	143	µg/L	1	<1	04/02/02	8260b	---	0.5	102.4	103.8	103.9
o-Xylene	<1	µg/L	1	<1	04/02/02	8260b	---	3	94.7	98.8	98.9
Toluene	<1	µg/L	1	<1	04/02/02	8260b	---	7.5	105.1	113.7	110.4

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 13	**Report#/Lab ID#:** 127353 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	90.1	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#: 127354 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 14
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 14	**Report#/Lab ID#:** 127354 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	80-120	---
Toluene-d8	8260b	94.4	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#: 127355 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 15
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	J	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 15	**Report#/Lab ID#:** 127355 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.8	80-120	---
Toluene-d8	8260b	92.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127355 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 15

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

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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. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127356 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 17
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 11:45

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 17	**Report#/Lab ID#:** 127356 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	80-120	---
Toluene-d8	8260b	93.5	88-110	---

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

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

Report#/Lab ID#: 127357 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 18
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 18	**Report#/Lab ID#:** 127357 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.5	80-120	---
Toluene-d8	8260b	94.6	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#: 127358 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 19
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 09:15

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 19	**Report#/Lab ID#:** 127358 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113	80-120	---
Toluene-d8	8260b	91.9	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#: 127359 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 20
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 09:30

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 20	**Report#/Lab ID#:** 127359 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93	80-120	---
Toluene-d8	8260b	94.1	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#: 127360 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 21
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 09:20

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	J	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	J	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 21	**Report#/Lab ID#:** 127360 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	93.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127360 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Bob Durham EOT 2044C
Sample Name: MW 21

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

Notes:

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

Report#/Lab ID#: 127361 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 22
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 09:25

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 22	**Report#/Lab ID#:** 127361 **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	93	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#: 127362 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 24
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 09:10

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 24	**Report#/Lab ID#:** 127362 **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	92.8	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#: 127363 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 25
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 12:50

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 25	**Report#/Lab ID#:** 127363 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	94.1	88-110	---

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

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

Report#/Lab ID#: 127364 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 26
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 26	**Report#/Lab ID#:** 127364 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	92.2	88-110	---

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

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Hobbs, NM 88240

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

Report#/Lab ID#: 127365 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 27
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 27	**Report#/Lab ID#:** 127365 **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	92.5	88-110	---

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

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Hobbs, NM 88240

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

Report#/Lab ID#: 127366 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 29
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 10:15

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 29	**Report#/Lab ID#:** 127366 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.2	80-120	---
Toluene-d8	8260b	94.2	88-110	---

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

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

Report#/Lab ID#: 127367 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 30
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 10:20

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 30	**Report#/Lab ID#:** 127367 **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	93.1	88-110	---

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

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

Report#/Lab ID#: 127368 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 31
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	2.91	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 31	**Report#/Lab ID#:** 127368 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	92.9	88-110	---

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

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

Report#/Lab ID#: 127369 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 33
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 11:30

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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 33	**Report#/Lab ID#:** 127369 **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	93.3	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
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 127370 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 34
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/01/02	8260b	---	3.8	101.9	107.2	98.7
Ethylbenzene	<1	µg/L	1	<1	04/01/02	8260b	---	5.4	100.4	99.4	99.4
m,p-Xylenes	<1	µg/L	1	<1	04/01/02	8260b	---	5.2	104.1	104.9	102.7
o-Xylene	<1	µg/L	1	<1	04/01/02	8260b	---	4.6	98.9	98	97.4
Toluene	<1	µg/L	1	<1	04/01/02	8260b	---	4.8	113	119.9	109.5

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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:** Bob Durham EOT 2044C **Sample Name:** MW 34	**Report#/Lab ID#:** 127370 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	94.4	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. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127371 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 35
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **Time:** 12:10

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	---		---		04/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/02/02	8260b	---	2	102.8	103.5	99.1
Ethylbenzene	<1	µg/L	1	<1	04/02/02	8260b	---	3.6	95.3	100.3	100.7
m,p-Xylenes	<1	µg/L	1	<1	04/02/02	8260b	---	0.5	102.4	103.8	103.9
o-Xylene	<1	µg/L	1	<1	04/02/02	8260b	---	3	94.7	98.8	98.9
Toluene	<1	µg/L	1	<1	04/02/02	8260b	---	7.5	105.1	113.7	110.4

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Richard Laster

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ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX [illegible]44 &
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:** Bob Durham EOT 2044C **Sample Name:** MW 35	**Report#/Lab ID#:** 127371 **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	92.1	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#: 127372 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: MW 36
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/02/02	8260b	---	2	102.8	103.5	99.1
Ethylbenzene	<1	µg/L	1	<1	04/02/02	8260b	---	3.6	95.3	100.3	100.7
m,p-Xylenes	<1	µg/L	1	<1	04/02/02	8260b	---	0.5	102.4	103.8	103.9
o-Xylene	<1	µg/L	1	<1	04/02/02	8260b	---	3	94.7	98.8	98.9
Toluene	<1	µg/L	1	<1	04/02/02	8260b	---	7.5	105.1	113.7	110.4

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Bob Durham EOT 2044C **Sample Name:** MW 36	**Report#/Lab ID#:** 127372 **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	91.6	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#: 127373 **Report Date:** 04/03/02
Project ID: Bob Durham EOT 2044C
Sample Name: EB1
Sample Matrix: water
Date Received: 03/28/2002 **Time:** 09:33
Date Sampled: 03/25/2002 **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	---		---		04/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/02/02	8260b	---	2	102.8	103.5	99.1
Ethylbenzene	<1	µg/L	1	<1	04/02/02	8260b	---	3.6	95.3	100.3	100.7
m,p-Xylenes	<1	µg/L	1	<1	04/02/02	8260b	---	0.5	102.4	103.8	103.9
o-Xylene	<1	µg/L	1	<1	04/02/02	8260b	---	3	94.7	98.8	98.9
Toluene	<1	µg/L	1	<1	04/02/02	8260b	---	7.5	105.1	113.7	110.4

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	**Project ID:** Bob Durham EOT 2044C	**Report#/Lab ID#:** 127373
Attn: Ken Dutton	**Sample Name:** EB1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	94	88-110	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-1766

Send Reports To:
Company Name E.T.G.I.
Address 4600 West Loop
City Midland State TX Zip 79703
ATTN: Ken Dutton
Phone (915) 522-1134 Fax (915) 520-4310

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#: Bob Durham Sampler: Simon Casas
EOT-20446

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
[illegible] 5'	3-25-02	13:05	2				127349	X	
[illegible] 9	3-25-02	10:05	2				127350		
[illegible] 10'	3-25-02	11:10	2				127351		
[illegible] 11	3-25-02	10:45	2				127352		
[illegible] 15	3-25-02	10:35	2				127353		
[illegible] 17'	3-25-02	10:30	2				127354		
[illegible] 15'	3-25-02	11:00	2				127355		
[illegible] 17	3-25-02	11:45	2				127356		
[illegible] 18'	3-25-02	11:40	2				127357		
[illegible] 19	3-25-02	9:15	2		↓		127358	↓	

(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 on 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	ETGI	3-27-02	1500	Melanie Humphrey	ASI	3/22/02	09:33

[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

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Phone: (512) 444-5896
Fax: (512) 447-1766

Send Reports To:
Company Name E.T.G.I.
Address 4600 West Wall
City Midland State TX Zip 79703
ATTN: KEN DUTTON
Phone (915) 522 1139 Fax (915) 520-4310

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#: BOB DURHAM Sampler: Simon Casas
EOT-2044C

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-20	3-25-02	09:30	2				127359	X	
MW-21	3-25-02	09:30	2				127360		
MW-22	3-25-02	09:25	2				127361		
MW-24	3-25-02	09:10	2				127362		
MW-25	3-25-02	09:00	2				127363		
MW-26	3-25-02	12:50	2				127364		
MW-27	3-25-02	12:30	2				127365		
MW-28	3-25-02	10:00	2				127366		
MW-30	3-25-02	10:15	2				127367		
MW-31	3-25-02	10:20	2				127368		

(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
Simon Casas	ETGI	3-27-02	1500	Melanie Humphreys	ASI	3/28/02	09:38

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ANALYSYS INC.
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Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name E.T.G.I.
Address 4600 WEST WALL
City MIDLAND State TX Zip 79703
ATTN: KEN DUTTON
Phone (915) 522-1139 Fax (915) 520-4310

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#: BOB DURHAM Sampler: Simon Casas
SCF 20446

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 33	3-25-02	10:30	2				127369	X	
MW 34	3-25-02	11:30	2				127370		
MW 35	3-25-02	12:00	2				127371		
MW 36	3-25-02	12:40	2				127372		
EB 1	3-25-02	13:15	2				127373		

(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
Simon Casas	ETGI	3-27-02	1500	Melanie Humphrey	ASI	3/28/02	09:33

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

APPENDIX C

Water Well Search Data

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 36E Sections: 25,36

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 08/09/2002

(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	Start Date
L 01262	PRO	0	GULF OIL CORPORATION	L 01262		19S	36E	25	2	1	2				13	659087	3612189	
L 01270	MUL	0	GULF OIL CORPORATION	L 01270		19S	36E	36	4	4	2				13	659529	3609370	
L 04716	DOM	3	CLIMAX CHEMICAL COMPANY	L 04716		19S	36E	36	3						13	658423	3609452	
				L 04716 APPRO EXP		19S	36E	36	3						13	658423	3609452	

Record Count: 4

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01262
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: GULF OIL CORPORATION **Contact:** CHAS TAYLOR

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1953	EXP EXP ABS	L 01262	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 01262		19S	36E	25	2	1	2				13	659087	3612189	32 38 5.67	103 18 26.22	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01270
Primary Purpose: MUL 72-12-1 MULTIPLE DOMESTIC HOUSEHOLDS
Primary Status: CAN Cancelled
Total Acres:
Total Diversion: 0
Owner: GULF OIL CORPORATION **Contact:** CHAS TAYLOR

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1953	CAN FIN ABS	L 01270	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 01270		19S	36E	36	4	4	2				13	659529	3609370	32 36 33.94	103 18 10.99	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04716
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: CLIMAX CHEMICAL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/07/1961	PMT APR ABS	L 04716	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 04716		19S	36E	36	3				13	658423	3609452	32 36 33.92	103 18 57.34	S.1/2, N. 1/2
L 04716 APPRO EXP		19S	36E	36	3				13	658423	3609452	32 36 33.92	103 18 57.34	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 28,33

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 08/09/2002

(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	Start Date
L 01902	STK	3	CLYDE SPEARS	L 01902 RPR		19S	37E	33	3	3	3				13	662937	3609225	
L 01903	DOM	3	CLYDE SPEARS	L 01903		19S	37E	33	3	3	3				13	662937	3609225	
				L 01903 RPR		19S	37E	33	3	3	3				13	662937	3609225	
L 03738	PRO	3	MAKIN DRILLING CO.	L 03738	Shallow	19S	37E	33	4	4					13	664245	3609344	12/02/
				L 03738 APPRO	Shallow	19S	37E	33	4	4					13	664245	3609344	12/02/
L 03884	DOM	3	R.L. LEWIS	L 03884	Shallow	19S	37E	28							13	663616	3611534	06/14/
				L 03884 APPRO	Shallow	19S	37E	28							13	663616	3611534	06/14/
L 03885	DOM	3	R.L. LEWIS	L 03885	Shallow	19S	37E	28							13	663616	3611534	06/14/
				L 03885 APPRO	Shallow	19S	37E	28							13	663616	3611534	06/14/
L 03937	DOM	3	N. A. BYRD	L 03937 APPRO EXP		19S	37E	28	4	2					13	664214	3611352	
L 03939	DOM	3	N. A. BYRD	L 03939		19S	37E	28	4	2					13	664214	3611352	
				L 03939 APPRO EXP		19S	37E	28	4	2					13	664214	3611352	
L 03940	DOM	3	N. A. BYRD	L 03940		19S	37E	28	2	2					13	664201	3612156	
				L 03940 APPRO EXP		19S	37E	28	2	2					13	664201	3612156	
L 03952	DOM	3	W. R. HURST	L 03952	Shallow	19S	37E	28							13	663616	3611534	
				L 03952 APPRO EXP		19S	37E	28							13	663616	3611534	
L 03982	DOM	3	W. R. HURST	L 03982		19S	37E	28	3	3					13	663013	3610931	
				L 03982 APPRO	Shallow	19S	37E	28	3	3					13	663013	3610931	11/10/
L 03988	DOM	3	HAROLD VAN KOPCZYNSKI	L 03988	Shallow	19S	37E	33	3	3	3				13	662937	3609225	09/04/
				L 03988 APPRO	Shallow	19S	37E	33	3	3	3				13	662937	3609225	09/04/
L 03993	DOM	3	J. A. HAMMER	L 03993	Shallow	19S	37E	33	3	3					13	663038	3609326	09/10/
				L 03993 APPRO	Shallow	19S	37E	33	3	3					13	663038	3609326	09/10/
L 04104	DOM	3	N. A. BYRD	L 04104		19S	37E	28	4	4	4				13	664319	3610849	
				L 04104 APPRO EXP		19S	37E	28	4	4	4				13	664319	3610849	
L 04405	DOM	3	M. D. TILLEY	L 04405	Shallow	19S	37E	33	3						13	663239	3609527	04/12/
				L 04405 APPRO	Shallow	19S	37E	33	3						13	663239	3609527	04/12/

L 04448	DOM	3	HAROLD VAN KOPEZYNSKI	L 04448		Shallow	19S	37E	33	3 3 3		13	662937	3609225	05/28/
				L 04448 APPRO		Shallow	19S	37E	33	3 3 3		13	662937	3609225	05/28/
L 04806	DOM	3	JAMES COLBERT	L 04806		Shallow	19S	37E	33			13	663641	3609929	02/15/
L 04809	DOM	3	VERNON A. CLARK	L 04809		Shallow	19S	37E	33	3		13	663239	3609527	03/15/
L 04819	DOM	3	E.R. GLENN	L 04819			19S	37E	33	3 3 1		13	662937	3609425	
				L 04819 EXP			19S	37E	33	3 3 1		13	662937	3609425	
L 04820	DOM	3	BILL A. HAMMER	L 04820			19S	37E	33	3 3 1		13	662937	3609425	
				L 04820 APPRO EXP			19S	37E	33	3 3 1		13	662937	3609425	
L 04821	DOM	3	BUDDY ADAMS	L 04821			19S	37E	33	3 3		13	663038	3609326	
				L 04821 APPRO EXP			19S	37E	33	3 3		13	663038	3609326	
L 04822	DOM	3	ED BARNES	L 04822			19S	37E	33	3 3		13	663038	3609326	
				L 04822 APPRO EXP			19S	37E	33	3 3		13	663038	3609326	
L 04842	DOM	3	ROSCOE ROGERS	L 04842		Shallow	19S	37E	33	3 3		13	663038	3609326	03/26/
L 04929	DOM	3	I.A. WELCH	L 04929		Shallow	19S	37E	33	3		13	663239	3609527	07/05/
L 06796	SAN	3	NORTHERN NATRUAL GAS COMPANY	L 06796			19S	37E	33	2 1		13	663824	3610542	06/15/
L 07223	DOM	3	W.J. HART	L 07223			19S	37E	28	3 3 2		13	663112	3611030	08/24/
L 08246	DOM		JOE R. WILLIAMS	L 08246 EXP			19S	37E	33	4		13	664044	3609539	
L 08501	DOM	3	EDWARD E.& CYNTHIA A. WEBB	L 08501		Shallow	19S	37E	33	4 3 4		13	663942	3609237	07/18/
L 08885	DOM		JOE R. WILLIAMS	L 08885 EXP			19S	37E	33	4 3		13	663843	3609338	
L 09127	DOM	3	JOE R. WILLIAMS	L 09127		Shallow	19S	37E	33	4 4 3		13	664144	3609243	08/01/
				L 09127 EXP			19S	37E	33	4 4 3		13	664144	3609243	
L 09128	DOM	3	JOE R. WILLIAMS	L 09128		Shallow	19S	37E	33	3 3 1		13	662937	3609425	12/15/
				L 09128 EXP			19S	37E	33	3 3 1		13	662937	3609425	
L 09129	DOM	3	JOE R. WILLIAMS	L 09129		Shallow	19S	37E	33	4 3		13	663843	3609338	06/01/
				L 09129 EXP			19S	37E	33	4 3		13	663843	3609338	
L 09681	STK	3	JOE R. WILLIAMS	L 09681		Shallow	19S	37E	33	4 3		13	663843	3609338	02/01/
L 09692	DOM		DAREL TAYLOR	L 09692 EXP			19S	37E	33	1		13	663227	3610330	
L 10397	DOM	3	MORROW ELMER	L 10397		Shallow	19S	37E	33	1 2 2		13	663521	3610635	05/02/

Record Count: 54

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01902
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres: 0
Total Diversion: 3
Owner: CLYDE SPEARS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	12/31/1958	PMT APR ABS	L 01902 RPR	T		3	
72121	09/08/1958	APP CAN ABS	L 01902	T		3	
ADM	09/02/1958	PMT APR ABS	L 01902	T	0	0	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	(qtr are biggest to smallest) 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 01902 RPR		19S	37E	33	3	3	3				13	662937	3609225	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01903
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: CLYDE SPEARS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/08/1958	APP CAN ABS	L 01903	T		3	
72121	09/03/1958	PMT APR ABS	L 01903 RPR	T		3	
72121	02/02/1953	PMT APR ABS	L 01903	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 01903		19S	37E	33	3	3	3				13	662937	3609225	32 36 33.84	103 15 52.59	
L 01903 RPR		19S	37E	33	3	3	3				13	662937	3609225	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03738
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MAKIN DRILLING CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	12/06/1957	PMT LOG ABS	L 03738	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 03738	Shallow	19S	37E	33	4 4				13	664245	3609344	32 36 33.76	103 15 6.28	RANDALL #1
L 03738 APPRO	Shallow	19S	37E	33	4 4				13	664245	3609344	32 36 33.76	103 15 6.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03884
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: R.L. LEWIS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/29/1958	PMT LOG ABS	L 03884	T		3	

Point of Diversion POD Number	Source	(qtr are 1=NW 2=NE 3=SW 4=SE) (qtr are biggest to smallest) 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 03884	Shallow	19S	37E	28							13	663616	3611534	32 37 25.94	103 15 52.53	(WELL #2)
L 03884 APPRO	Shallow	19S	37E	28							13	663616	3611534	32 37 25.94	103 15 52.53	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03885
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: R.L. LEWIS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/29/1958	PMT LOG ABS	L 03885	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 03885	Shallow	19S	37E	28							13	663616	3611534	32 37 25.94	103 15 52.53	(WELL #1)
L 03885 APPRO	Shallow	19S	37E	28							13	663616	3611534	32 37 25.94	103 15 52.53	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03937
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: N. A. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/28/1958	PMT APR ABS	L 03937	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 03937		19S	38E	28	4	2					13	673876	3611512	32 37 38.87	103 8 55.51	
L 03937 APPRO EXP		19S	37E	28	4	2					13	664214	3611352	32 37 38.97	103 15 6.23	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03939
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: N. A. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/28/1958	PMT APR ABS	L 03939	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 03939		19S	37E	28	4 2				13	664214	3611352	32 37 38.97	103 15 6.23	
L 03939 APPRO EXP		19S	37E	28	4 2				13	664214	3611352	32 37 38.97	103 15 6.23	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03940
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: N. A. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/28/1958	PMT APR ABS	L 03940	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 03940		19S	37E	28	2 2				13	664201	3612156	32 38 5.08	103 15 6.2	
L 03940 APPRO EXP		19S	37E	28	2 2				13	664201	3612156	32 38 5.08	103 15 6.2	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03952
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W. R. HURST

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/05/1958	PMT LOG ABS	L 03952	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 03952	Shallow	19S	37E	28					13	663616	3611534	32 37 25.94	103 15 52.53	
L 03952 APPRO EXP		19S	37E	28					13	663616	3611534	32 37 25.94	103 15 52.53	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03982
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W. R. HURST

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/27/1958	PMT APR ABS	L 03982	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 03982		19S	37E	28	3	3					13	663013	3610931	32 37 25.94	103 15 52.53	
L 03982 APPRO	Shallow	19S	37E	28	3	3					13	663013	3610931	32 37 25.94	103 15 52.53	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03988
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: HAROLD VAN KOPCZYNSKI

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/03/1958	PMT LOG ABS	L 03988	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 03988	Shallow	19S	37E	33	3	3	3				13	662937	3609225	32 36 33.84	103 15 52.59	
L 03988 APPRO	Shallow	19S	37E	33	3	3	3				13	662937	3609225	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03993
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: J. A. HAMMER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/09/1958	PMT LOG ABS	L 03993	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 03993	Shallow	19S	37E	33	3 3				13	663038	3609326	32 36 33.84	103 15 52.59	
L 03993 APPRO	Shallow	19S	37E	33	3 3				13	663038	3609326	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04104
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: N. A. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	11/10/1959	PMT APR ABS	L 04104	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 04104		19S	37E	28	4	4	4				13	664319	3610849	32 37 25.92	103 15 6.25	OLD EXISTING WELL
L 04104 APPRO EXP		19S	37E	28	4	4	4				13	664319	3610849	32 37 25.92	103 15 6.25	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04405
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: M. D. TILLEY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/05/1960	PMT LOG ABS	L 04405	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 04405	Shallow	19S	37E	33	3						13	663239	3609527	32 36 33.84	103 15 52.59	W1/2
L 04405 APPRO	Shallow	19S	37E	33	3						13	663239	3609527	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04448
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: HAROLD VAN KOPEZYNSKI

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/25/1960	PMT LOG ABS	L 04448	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 04448	Shallow	19S	37E	33	3 3 3				13	662937	3609225	32 36 33.84	103 15 52.59	
L 04448 APPRO	Shallow	19S	37E	33	3 3 3				13	662937	3609225	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04806
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JAMES COLBERT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/13/1962	PMT LOG ABS	L 04806	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 04806	Shallow	19S	37E	33							13	663641	3609929	32 36 33.84	103 15 52.59	W1/2 OF SW1/4

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04809
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: VERNON A. CLARK

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/15/1962	PMT LOG ABS	L 04809	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 04809	Shallow	19S	37E	33	3						13	663239	3609527	32 36 33.84	103 15 52.59	W1/2

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04819
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: E.R. GLENN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/22/1962	PMT APR ABS	L 04819	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 04819		19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	
L 04819 EXP		19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04820
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: BILL A. HAMMER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/22/1962	PMT APR ABS	L 04820	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 04820		19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	
L 04820 APPRO EXP		19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04821
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: BUDDY ADAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/22/1962	PMT APR ABS	L 04821	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 04821		19S	37E	33	3	3					13	663038	3609326	32 36 33.84	103 15 52.59	
L 04821 APPRO EXP		19S	37E	33	3	3					13	663038	3609326	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04822
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ED BARNES

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/22/1962	PMT APR ABS	L 04822	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 04822		19S	37E	33	3	3					13	663038	3609326	32 36 33.84	103 15 52.59	
L 04822 APPRO EXP		19S	37E	33	3	3					13	663038	3609326	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04842
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROSCOE ROGERS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/20/1962	PMT LOG ABS	L 04842	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 04842	Shallow	19S	37E	33	3	3					13	663038	3609326	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04929
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: I.A. WELCH

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	07/03/1962	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 04929	Shallow	19S	37E	33	3						13	663239	3609527	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 06796
Primary Purpose: SAN 72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: NORTHERN NATRUAL GAS COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	04/23/1971	PMT APR CNV	CONVERSION	L	067 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 06796		19S	37E	33	2	1					13	663824	3610542	32 37 12.9	103 15 21.71	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 07223
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W.J. HART

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	05/13/1974	PMT APR CNV	CONVERSION	L	072 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 07223		19S	37E	28	3	3	2				13	663112	3611030	32 37 25.94	103 15 52.53	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 08246
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/03/1980	EXP EXP CNV	CONVERSION	L 082 T			

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 08246 EXP		19S	37E	33	4				13	664044	3609539	32 36 33.79	103 15 21.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 08501
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: EDWARD E.& CYNTHIA A. WEBB

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/06/1981	PMT APR CNV	CONVERSION L	085 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 08501	Shallow	19S	37E	33	4	3	4				13	663942	3609237	32 36 33.79	103 15 21.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 08885
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/14/1982	EXP EXP CNV	CONVERSION	L 088 T			

(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 08885 EXP		19S	37E	33	4	3					13	663843	3609338	32 36 33.79	103 15 21.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09127
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/04/1984	PMT APR CNV	CONVERSION	L 091 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 09127	Shallow	19S	37E	33	4	4	3				13	664144	3609243	32 36 33.76	103 15 6.28	
L 09127 EXP		19S	37E	33	4	4	3				13	664144	3609243	32 36 33.76	103 15 6.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09128
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/02/1984	PMT APR CNV	CONVERSION L	091 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 09128	Shallow	19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	
L 09128 EXP		19S	37E	33	3	3	1				13	662937	3609425	32 36 33.84	103 15 52.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09129
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/02/1984	PMT APR CNV	CONVERSION	L 091 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 09129	Shallow	19S	37E	33	4	3					13	663843	3609338	32 36 33.79	103 15 21.72	
L 09129 EXP		19S	37E	33	4	3					13	663843	3609338	32 36 33.79	103 15 21.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09681
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOE R. WILLIAMS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/09/1985	PMT APR CNV	CONVERSION	L 096 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 09681	Shallow	19S	37E	33	4	3					13	663843	3609338	32 36 33.79	103 15 21.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09692
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: DAREL TAYLOR

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	06/07/1985	EXP EXP CNV	CONVERSION	L 096 T			

(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 09692 EXP		19S	37E	33	1						13	663227	3610330	32 36 59.89	103 15 52.56	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 10397
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MORROW ELMER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	04/29/1994	PMT APR CNV	CONVERSION	L	103 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 10397	Shallow	19S	37E	33	1	2	2				13	663521	3610635	32 37 12.91	103 15 37.13	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 31,32

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 08/09/2002

(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	Start Date
L 01271	DOM	3	OSCAR E. GROVE	L 01271 EXP		19S	37E	31	2	2	4				13	661107	3610402	
L 03380	DOM	3	MONUMENT METHODIST CHURCH	L 03380	Shallow	19S	37E	32	2	1	2				13	662314	3610618	12/07/
				L 03380 APPRO	Shallow	19S	37E	32	2	1	2				13	662314	3610618	12/07/
L 03815	DOM	3	W.C. BYRD	L 03815		19S	37E	31	1	1	1				13	659714	3610587	
L 03938	DOM	3	ROBERT L. PATE	L 03938	Shallow	19S	37E	32	4						13	662434	3609515	09/04/
				L 03938 APPRO	Shallow	19S	37E	32	4						13	662434	3609515	09/04/
L 04153	DOM	3	A. G. WATSON	L 04153		19S	37E	32	2						13	662422	3610318	
				L 04153 APPRO EXP		19S	37E	32	2						13	662422	3610318	
L 04804	DOM	3	W.C. BYRD	L 04804		19S	37E	31	1	1	1				13	659714	3610587	
L 04823	DOM	3	JIMMIE T. COOPER	L 04823		19S	37E	32	2	2					13	662617	3610524	
L 05049	STK	3	DELL J. BARBER	L 05049	Shallow	19S	37E	32	3						13	661630	3609503	04/21/
L 05296	DOM		C.R. JORDAN	L 05296 EXP		19S	37E	31	2	4					13	661014	3610100	
L 05579	DOM	3	C.R. JORDAN	L 05579		19S	37E	31	2	4					13	661014	3610100	05/19/
L 06492	DOM	3	VERNON CLARK	L 06492		19S	37E	32	1	1					13	661410	3610508	04/03/
L 06497	DOM		C. R. JORDAN	L 06497 EXP		19S	37E	31	2	4					13	661014	3610100	
L 10031	STK	3	JIMMY B. COOPER	L 10031	Shallow	19S	37E	31	2	4					13	661014	3610100	10/17/

Record Count: 16

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01271
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: OSCAR E. GROVE

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/13/1953	PMT APR ABS	L 01271	T		3	
72121	05/13/1953	DEN DEN ABS	L 01271	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 01271 EXP		19S	37E	31	2	2	4				13	661107	3610402	32 37 13.1	103 17 9.73	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03380
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MONUMENT METHODIST CHURCH

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/08/1957	PMT LOG ABS	L 03380	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 03380	Shallow	19S	37E	32	2	1	2				13	662314	3610618	32 37 12.98	103 16 23.42	
L 03380 APPRO	Shallow	19S	37E	32	2	1	2				13	662314	3610618	32 37 12.98	103 16 23.42	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03815
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W.C. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/02/1958	PMT APR ABS	L 03815	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 03815		19S	37E	31	1	1	1				13	659714	3610587	32 37 13.24	103 17 55.5	
L 03815 APPRO		19	37	31	1	1	1									

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03938
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROBERT L. PATE

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/24/1958	PMT LOG ABS	L 03938	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 03938	Shallow	19S	37E	32	4						13	662434	3609515	32 36 33.87	103 16 23.46	SOUTH 1/2
L 03938 APPRO	Shallow	19S	37E	32	4						13	662434	3609515	32 36 33.87	103 16 23.46	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04153
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: A. G. WATSON

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/27/1959	PMT APR ABS	L 04153	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 04153		19S	37E	32	2				13	662422	3610318	32 36 59.94	103 16 23.44	N 1/2
L 04153 APPRO EXP		19S	37E	32	2				13	662422	3610318	32 36 59.94	103 16 23.44	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04804
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W.C. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/09/1962	PMT APR ABS	L 04804	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 04804		19S	37E	31	1	1	1				13	659714	3610587	32 37 13.24	103 17 55.5	
L 04804 APPRO EXP		19	37	31	1	1	1									

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04823
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JIMMIE T. COOPER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/22/1962	PMT APR ABS	L 04823	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 04823		19S	37E	32	2	2					13	662617	3610524	32 37 12.95	103 16 7.99	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05049
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DELL J. BARBER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	02/20/1963	PMT APR CNV	CONVERSION	L	050 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 05049	Shallow	19S	37E	32	3						13	661630	3609503	32 36 33.89	103 16 54.34	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05296
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: C.R. JORDAN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	11/22/1963	EXP EXP CNV	CONVERSION L	052 T			

(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 05296 EXP		19S	37E	31	2 4				13	661014	3610100	32 37 0.03	103 17 9.74	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05579
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: C.R. JORDAN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	03/26/1965	PMT APR CNV	CONVERSION	L	055 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 05579		19S	37E	31	2	4					13	661014	3610100	32	37	0.03	103	17	9.74	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 06492
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: VERNON CLARK

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/31/1969	PMT APR CNV	CONVERSION	L 064 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 06492		19S	37E	32	1	1					13	661410	3610508	32 37 13.05	103 16 54.3	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 06497
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: C. R. JORDAN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/10/1969	EXP EXP CNV	CONVERSION	L 064 T			

(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 06497 EXP		19S	37E	31	2	4					13	661014	3610100	32 37 0.03	103 17 9.74	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 10031
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JIMMY B. COOPER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	10/12/1988	PMT APR CNV	CONVERSION	L	100 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 10031	Shallow	19S	37E	31	2	4					13	661014	3610100	32 37 0.03	103 17 9.74	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 29,30

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 08/09/2002

(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	Start Date
L 02596	PRO	3	MAKIN DRILLING COMPANY	L 02596	Shallow	19S	37E	29	3	2					13	661800	3611317	07/20/
				L 02596 APPRO	Shallow	19S	37E	29	3	2					13	661800	3611317	07/20/
L 02917	DOM	3	J.A. MIZE	L 02917		19S	37E	30	4	4	2				13	661101	3611004	
L 03905	DOM	3	LILLIE B. LONGNELKER	L 03905	Shallow	19S	37E	30	4	4					13	661002	3610905	08/12/
				L 03905 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	08/12/
L 03906	DOM	3	ROBET P. III SHORT	L 03906	Shallow	19S	37E	30	4	4					13	661002	3610905	08/11/
				L 03906 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	08/11/
L 03922	DOM	3	LEON DICKERSON	L 03922	Shallow	19S	37E	29							13	662007	3611513	08/11/
				L 03922 APPRO	Shallow	19S	37E	29							13	662007	3611513	08/11/
L 03936	DOM	3	JOY DEE MCKNIGHT	L 03936		19S	37E	30	4	4					13	661002	3610905	
L 03949	DOM	3	ROY L. WHEELER	L 03949	Shallow	19S	37E	29							13	662007	3611513	08/11/
				L 03949 APPRO	Shallow	19S	37E	29							13	662007	3611513	08/11/
L 03954	DOM	3	K. W. LITTLE	L 03954	Shallow	19S	37E	30	4	4					13	661002	3610905	08/10/
				L 03954 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	08/10/
L 03956	DOM	3	DENNIS C. SMITH	L 03956	Shallow	19S	37E	29							13	662007	3611513	08/12/
				L 03956 APPRO	Shallow	19S	37E	29							13	662007	3611513	08/12/
L 03976	DOM	3	JIMMY T. COOPER	L 03976		19S	37E	29							13	662007	3611513	
				L 03976 APPRO EXP		19S	37E	29							13	662007	3611513	
L 03995	DOM	3	W. E. COPELAND	L 03995	Shallow	19S	37E	30	4	4					13	661002	3610905	09/26/
				L 03995 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	09/26/
L 04799	DOM	3	W.V. WHITAKER	L 04799	Shallow	19S	37E	29	4	4					13	662611	3610926	08/16/
				L 04799 REPAR	Shallow	19S	37E	29	4	4					13	662611	3610926	08/16/
L 05500	DOM	3	FIRST BAPTIST CHURCH	L 05500		19S	37E	29	4	4	2				13	662710	3611025	12/04/
L 05790	EXP	0	MONUMENT WATER USERS COOP.	L 05790		19S	37E	29							13	662007	3611513	
L 05995	DOM	3	H. L. STEPHENS	L 05995	Shallow	19S	37E	30	4	4	4				13	661101	3610804	08/03/
L 09631 (4)	PRO		L. L. ROBINETT	L 09631 (4) EXP		19S	37E	29	4	1					13	662202	3611322	

L	09632 (4)	PRO		L. L. ROBINETT	L	09632 (4) EXP	19S	37E	29	4	1	13	662202	3611322
L	09633 (4)	PRO		L. L. ROBINETT	L	09633 (4) EXP	19S	37E	29	4	1	13	662202	3611322
L	10498	STK	3	COOPER JIMMIE T	L	10498	19S	37E	29			13	662007	3611513

Record Count: 29

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02596
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: MAKIN DRILLING COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/16/1954	PMT LOG ABS	L 02596	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 02596	Shallow	19S	37E	29	3	2					13	661800	3611317	32 37 39.11	103 16 38.84	
L 02596 APPRO	Shallow	19S	37E	29	3	2					13	661800	3611317	32 37 39.11	103 16 38.84	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03905
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: LILLIE B. LONGNELKER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/02/1958	PMT LOG ABS	L 03905	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 03905	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	EAST 1/2
L 03905 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 02917
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: J.A. MIZE

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/27/1955	PMT APR ABS	L 02917	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 02917		19S	37E	30	4	4	2				13	661101	3611004	32 37 26.16	103 17 9.72	
L 02917 APPRO EXP		19	37	30	4	4	2									

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03906
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROBET P. III SHORT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/02/1958	PMT LOG ABS	L 03906	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 03906	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	
L 03906 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03922
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: LEON DICKERSON

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 03922	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 03922	Shallow	19S	37E	29							13	662007	3611513	32 37 26.1	103 16 54.28	
L 03922 APPRO	Shallow	19S	37E	29							13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03936
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JOY DEE MCKNIGHT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/23/1958	PMT APR ABS	L 03936	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 03936		19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	
L 03936 APPRO EXP		19	37E	30	4	4										

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03949
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: ROY L. WHEELER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/31/1958	PMT LOG ABS	L 03949	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 03949	Shallow	19S	37E	29					13	662007	3611513	32 37 26.1	103 16 54.28	
L 03949 APPRO	Shallow	19S	37E	29					13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03954
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: K. W. LITTLE

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/05/1958	PMT LOG ABS	L 03954	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 03954	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	
L 03954 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03956
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DENNIS C. SMITH

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/05/1958	PMT LOG ABS	L 03956	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 03956	Shallow	19S	37E	29					13	662007	3611513	32 37 26.1	103 16 54.28	
L 03956 APPRO	Shallow	19S	37E	29					13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03976
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JIMMY T. COOPER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/27/1958	PMT APR ABS	L 03976	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 03976		19S	37E	29							13	662007	3611513	32 37 26.1	103 16 54.28	
L 03976 APPRO EXP		19S	37E	29							13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03995
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W. E. COPELAND

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/18/1958	PMT LOG ABS	L 03995	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 03995	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	
L 03995 APPRO	Shallow	19S	37E	30	4	4					13	661002	3610905	32 37 26.16	103 17 9.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 04799
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W.V. WHITAKER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/31/1962	PMT LOG ABS	L 04799 RPR	T		3	
72121	02/06/1962	PMT LOG ABS	L 04799	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 04799	Shallow	19S	37E	29	4	4					13	662611	3610926	32 37 26.1	103 16 54.28	SE1/2, SE1/2
L 04799 REPAR	Shallow	19S	37E	29	4	4					13	662611	3610926	32 37 25.98	103 16 7.97	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05500
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: FIRST BAPTIST CHURCH

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	11/19/1964	PMT APR CNV	CONVERSION	L	055 T		3	

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	Tws	Rng	Sec	q q q	Zone	X	Y	(qtr are biggest to smallest X Y are in Feet UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 05500		19S	37E	29	4 4 2				13	662710	3611025	32 37 25.98	103 16 7.97	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05790
Primary Purpose: EXP EXPLORATION
Primary Status: PMT Permit
Total Acres:
Total Diversion: 0
Owner: MONUMENT WATER USERS COOP.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
EXPL	10/26/1965	PMT APR ABS	L 05790	T	0	0	

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 05790		19S	37E	29					13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05995
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: H. L. STEPHENS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc		From/To	Acres	Diversion	Consumptive
72121	08/02/1966	PMT APR CNV	CONVERSION	L	059 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 05995	Shallow	19S	37E	30	4	4	4				13	661101	3610804	32 37 26.16	103 17 9.72	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09631 (4)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: L. L. ROBINETT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/16/1989	EXP EXP CNV	CONVERSION	L 096 T			

(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 09631 (4) EXP		19S	37E	29	4	1					13	662202 .	3611322	32 37 39.07	103 16 23.4	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09631 (4)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: L. L. ROBINETT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/16/1989	EXP EXP CNV	CONVERSION	L 096 T			

(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	(X Y are in Feet UTM are in Meters) UTM_Zone	Easting	Northing	Latitude	Longitude	Other Location Description
L 09631 (4) EXP		19S	37E	29	4 1				13	662202	3611322	32 37 39.07	103 16 23.4	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09632 (4)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: L. L. ROBINETT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/16/1989	EXP EXP CNV	CONVERSION L	096 T			

(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 09632 (4) EXP		19S	37E	29	4 1				13	662202	3611322	32 37 39.07	103 16 23.4	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 09633 (4)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: L. L. ROBINETT

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/16/1989	EXP EXP CNV	CONVERSION	L 096 T			

(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 09633 (4) EXP		19S	37E	29	4 1				13	662202	3611322	32 37 39.07	103 16 23.4	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 10498
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: COOPER JIMMIE T

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	06/29/1995	PMT APR CNV	CONVERSION	L 104 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 10498		19S	37E	29							13	662007	3611513	32 37 26.1	103 16 54.28	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 36E Sections: 1

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

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(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	Start Date
L 03188	PRO	3	AMERADA PETROLEUM CORPORATION	L 03188		20S	36E	01	4	1	2				13	659142	3608154	
				L 03188 APPRO		20S	36E	01	4	1	2				13	659142	3608154	05/10/
L 03814	DOM	3	W. C. BYRD	L 03814	Shallow	20S	36E	01	2	2	2				13	659534	3608967	09/03/

Record Count: 3

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03188
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: AMERADA PETROLEUM CORPORATION

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1956	PMT APR ABS	L 03188	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 03188		20S	36E	01	4	1	2				13	659142	3608154	32 35 54.66	103 18 26.59	
L 03188 APPRO		20S	36E	01	4	1	2				13	659142	3608154	32 35 54.66	103 18 26.59	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 03814
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: W. C. BYRD

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/02/1958	PMT LOG ABS	L 03814	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 03814	Shallow	20S	36E	01	2	2	2				13	659534	3608967	32 36 20.84	103 18 11.05	
L 03814 APPRO	Shallow	20	36	01	2	2	2									

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 4

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

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WELL / SURFACE DATA REPORT 08/09/2002

DB File Nbr	Use	(acre ft per annum) Diversion	Owner	Well Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters 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	Start Date
L 05980	DOM	0	J.S., DAVID EARL & LAUGHLIN	L 05980 DCL		20S	37E	04	3	4	1				13	663368	3607812	
L 10069	STK	3	JIMMIE COOPER	L 10069	Shallow	20S	37E	04	1	1					13	663045	3608918	04/10/

Record Count: 2

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 05980
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres: 1
Total Diversion: 0
Owner: J.S., DAVID EARL & LAUGHLIN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/27/2000	PMT APR PRC	L 05980 (4)	T		3	
72121	07/06/1966	DCL PRC CNV	CONVERSION L 059	T	1		

(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 05980 DCL		20S	37E	04	3 4 1				13	663368	3607812	32 35 41.26	103 15 37.07	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 10069
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: JIMMIE COOPER

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/11/1989	PMT APR CNV	CONVERSION L	100 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 10069	Shallow	20S	37E	04	1	1					13	663045	3608918	32 36 20.58	103 15 52.57	

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 5,6

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

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WELL / SURFACE DATA REPORT 08/09/2002

DB File Nbr.	Use	(acre ft per annum) Diversion	Owner	Well Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters 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	Start Date
L 01145	PRO	3	GULF OIL CORPORATION	L 01145	Shallow	20S	37E	06	4	1	4				13	660741	3607978	05/01/
				L 01145 APPRO	Shallow	20S	37E	06	4	1	4				13	660741	3607978	05/01/
L 01450	PRO	3	OHIO OIL CO.	L 01450		20S	37E	05	1	3					13	661441	3608494	
L 01450 (1)	PRO		THE OHIO OIL COMPANY	L 01450 (1)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (10)	PRO		MARATHON OIL COMPANY	L 01450 (10)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (11)	PRO		MARATHON OIL COMPANY	L 01450 (11)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (12)	PRO		MARATHON OIL COMPANY	L 01450 (12)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (13)	PRO		MARATHON OIL COMPANY	L 01450 (13)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (14)	PRO		MARATHON OIL COMPANY	L 01450 (14)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (2)	PRO		MARATON OIL COMPANY	L 01450 (2)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (3)	PRO		THE MARATHON OIL COMPANY	L 01450 (3)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (4)	PRO		MARATHON OIL COMPANY	L 01450 (4)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (5)	PRO		MARATHON OIL COMPANY	L 01450 (5)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (6)	PRO		MARATHON OIL COMPANY	L 01450 (6)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (7)	PRO		MARATHON OIL COMPANY	L 01450 (7)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (8)	PRO		MARATHON OIL COMPANY	L 01450 (8)		20S	37E	05	1	3					13	661441	3608494	
L 01450 (9)	PRO		MARATHON OIL COMPANY	L 01450 (9)		20S	37E	05	1	3					13	661441	3608494	
L 01487	PRO	3	GULF OIL CORPORATION	L 01487		20S	37E	06	4	1	4				13	660741	3607978	
L 01572	PRO	3	EXPLORATION DRILLING COMPANY	L 01572 APPRO	Shallow	20S	37E	05	3	3	1				13	661353	3607786	09/15/
L 02102	PRO	3	E. F. INC. MORAN	L 02102	Shallow	20S	37E	05	3	4					13	661857	3607693	03/20/
				L 02102 APPRO	Shallow	20S	37E	05	3	4					13	661857	3607693	03/20/
L 02278	DOM	3	LAUGHLIN ESTATE	L 02278	Shallow	20S	37E	05	4	3					13	662261	3607698	02/01/
				L 02278 APPRO		20S	37E	05	4	3					13	662261	3607698	07/01/
L 02488	PRO	3	THE TEXAS CO.	L 02488	Shallow	20S	37E	05	2	3					13	662247	3608504	02/03/
				L 02488 APPRO	Shallow	20S	37E	05	2	3					13	662247	3608504	02/03/
L 02497	PRO	3	AMERADA PETROLEUM CORPORATION	L 02497	Shallow	20S	37E	05	3	3	3				13	661353	3607586	03/08/

L 02501	PRO	3	AMARADA PETROLEUM CO.	L 02497 APPRO		20S	37E	05	3	3	3	13	661353	3607586	03/10/
				L 02501		20S	37E	05	3	3	3	13	661353	3607586	
				L 02501 EXP		20S	37E	05	3	3	3	13	661353	3607586	
L 02553	PRO	3	GULF OIL CORPORATION	L 02553	Shallow	20S	37E	06	4	3	4	13	660747	3607574	05/13/
				L 02553 APPRO	Shallow	20S	37E	06	4	3	4	13	660747	3607574	05/13/
L 02801	PRO	3	AMERADA PETROLEUM CORPORATION	L 02801		20S	37E	06	2	3	3	13	660535	3608381	
				L 02801 APPRO		20S	37E	06	2	3	3	13	660535	3608381	03/22/
L 03810	PRO	3	THE TEXAS COMPANY	L 03810	Shallow	20S	37E	06	1	4	4	13	660333	3608375	03/09/
				L 03810 APPRO	Shallow	20S	37E	06	1	4		13	660234	3608476	03/09/
L 03810 (1)	PRO		TEXACO INC.	L 03810 (1)		20S	37E	06	1	4	4	13	660333	3608375	
L 04619	PRO	3	GULF OIL CORP.	L 04619	Shallow	20S	37E	06	4	2	3	13	660944	3607983	03/29/
				L 04619 APPRO	Shallow	20S	37E	06	4	2	3	13	660944	3607983	03/29/
L 09779	DOM	3	DOLORES NASH DAVIS	L 09779	Shallow	20S	37E	05	2	2	2	13	662742	3609012	01/15/

Record Count: 39

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01145
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
72121	06/22/1951	PMT LOG ABS	L 01145	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 01145	Shallow	20S	37E	06	4	1	4				13	660741	3607978	32 35 54.6	103 17 25.25	
L 01145 APPRO	Shallow	20S	37E	06	4	1	4				13	660741	3607978	32 35 54.6	103 17 25.25	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: OHIO OIL CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	08/06/1976	PMT APR ABS	L 01450 (14)	T		3	
72121	03/10/1975	PMT APR ABS	L 01450 (13)	T		3	
72121	07/09/1973	PMT APR ABS	L 01450 (12)	T		3	
72121	07/17/1972	PMT APR ABS	L 01450 (11)	T		3	
72121	07/12/1971	PMT APR ABS	L 01450 (10)	T		3	
72121	07/17/1970	PMT APR ABS	L 01450 (9)	T		3	
72121	07/08/1969	PMT APR ABS	L 01450 (8)	T		3	
72121	07/30/1968	PMT APR ABS	L 01450 (7)	T		3	
72121	07/27/1967	PMT APR ABS	L 01450 (6)	T		3	
72121	07/25/1966	PMT APR ABS	L 01450 (5)	T		3	
72121	05/11/1965	PMT APR ABS	L 01450 (4)	T		3	
72121	04/06/1964	PMT APR ABS	L 01450 (3)	T		3	
72121	02/14/1963	PMT APR ABS	L 01450 (2)	T		3	
72121	01/03/1962	PMT APR ABS	L 01450 (1)	T		3	
72121	05/26/1952	PMT LOG ABS	L 01450	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 01450		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	
L 01450 APPRO	Shallow	20S	27E	05	1	3					13	564840	3607495	32 36 10.73	104 18 40.09	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (1)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: THE OHIO OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	01/03/1962	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (1)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (10)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/12/1971	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (10)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (11)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/17/1972	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (11)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (12)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/09/1973	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (12)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (13)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	03/10/1975	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (13)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (14)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	08/06/1976	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (14)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (2)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	02/14/1963	EXP EXP CNV	CONVERSION L	014 T			

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 01450 (2)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (3)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: THE MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	04/06/1964	EXP EXP CNV	CONVERSION	L 014 T			

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 01450 (3)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01450 (4)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	05/11/1965	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (4)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01450 (5)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/25/1966	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (5)		20S	37E	05	1 3				13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

Back

DB File Nbr: L 01450 (6)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	08/01/1967	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (6)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01450 (7)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/30/1968	EXP EXP CNV	CONVERSION L	014 T			

(qtr are 1=NW 2=NE 3=SW 4=SE)

Point of Diversion POD Number	Source	(qtr are biggest to smallest) 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 01450 (7)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01450 (8)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/08/1969	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (8)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01450 (9)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: MARATHON OIL COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
APPRO	07/17/1970	EXP EXP CNV	CONVERSION	L 014 T			

(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 01450 (9)		20S	37E	05	1	3					13	661441	3608494	32 36 7.65	103 16 54.36	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01487
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 Contact: C.D. BORLAND, JR.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	07/15/1952	PMT APR ABS	L 01487	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 01487		20S	37E	06	4	1	4				13	660741	3607978	32 35 54.6	103 17 25.25	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 01572
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: EXPLORATION DRILLING COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	09/22/1952	PMT LOG ABS	L 01572	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 01572 APPRO	Shallow	20S	37E	05	3	3	1				13	661353	3607786	32 35 41.47	103 16 54.37	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 02102
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: E. F. INC. MORAN

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/30/1953	PMT LOG ABS	L 02102	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 02102	Shallow	20S	37E	05	3	4					13	661857	3607693	32 35 41.43	103 16 38.9	
L 02102 APPRO	Shallow	20S	37E	05	3	4					13	661857	3607693	32 35 41.43	103 16 38.9	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 02278
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: LAUGHLIN ESTATE Contact: MS. ELSIE REEVES, ADVISORY BOA

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
COWNF	09/28/1987	CHG PRC ABS	L 02278	T		3	
72121	02/02/1961	PMT LOG ABS	L 02278	T		3	
COWNF	12/06/1954	CHG PRC ABS	L 02278	T		3	
72121	07/15/1953	PMT APR ABS	L 02278	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 02278	Shallow	20S	37E	05	4	3					13	662261	3607698	32 35 41.39	103 16 23.43	
L 02278 APPRO		20S	37E	05	4	3					13	662261	3607698	32 35 41.39	103 16 23.43	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 02488
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: THE TEXAS CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	02/24/1954	PMT LOG ABS	L 02488	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 02488	Shallow	20S	37E	05	2	3					13	662247	3608504	32 36 7.57	103 16 23.45	
L 02488 APPRO	Shallow	20S	37E	05	2	3					13	662247	3608504	32 36 7.57	103 16 23.45	

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Water Right Summary

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DB File Nbr: L 02497
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: AMERADA PETROLEUM CORPORATION

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/01/1954	PMT LOG ABS	L 02497	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 02497	Shallow	20S	37E	05	3	3	3				13	661353	3607586	32 35 41.47	103 16 54.37	
L 02497 APPRO		20S	37E	05	3	3	3				13	661353	3607586	32 35 41.47	103 16 54.37	

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Water Right Summary

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DB File Nbr: L 02501
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: AMARADA PETROLEUM CO.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	04/05/1954	PMT APR ABS	L 02501	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 02501		20S	37E	05	3	3	3				13	661353	3607586	32 35 41.47	103 16 54.37	
L 02501 EXP		20S	37E	05	3	3	3				13	661353	3607586	32 35 41.47	103 16 54.37	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 02553
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
72121	06/01/1954	PMT LOG ABS	L 02553	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 02553	Shallow	20S	37E	06	4	3	4				13	660747	3607574	32 35 41.49	103 17 25.26	
L 02553 APPRO	Shallow	20S	37E	06	4	3	4				13	660747	3607574	32 35 41.49	103 17 25.26	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 02801
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: AMERADA PETROLEUM CORPORATION

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/22/1955	PMT APR ABS	L 02801	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 02801		20S	37E	06	2	3	3				13	660535	3608381	32 36 7.7	103 17 25.24	
L 02801 APPRO		20S	37E	06	2	3	3				13	660535	3608381	32 36 7.7	103 17 25.24	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 03810
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: THE TEXAS COMPANY

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1962	PMT APR ABS	L 03810	T		3	
COWNF	03/21/1958	CHG PRC ABS	L 03810	T		3	
72121	03/14/1958	PMT LOG ABS	L 03810	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 03810	Shallow	20S	37E	06	1	4	4				13	660333	3608375	32 36 7.72	103 17 40.67	
L 03810 APPRO	Shallow	20S	37E	06	1	4					13	660234	3608476	32 36 7.72	103 17 40.67	

New Mexico Office of the State Engineer
Water Right Summary

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DB File Nbr: L 03810 (1)
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: EXP Expired
Total Acres:
Total Diversion:
Owner: TEXACO INC.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	05/10/1962	EXP EXP CNV	CONVERSION	L 038 T			

(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 03810 (1)		20S	37E	06	1	4	4				13	660333	3608375	32 36 7.72	103 17 40.67	

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DB File Nbr: L 04619
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: GULF OIL CORP.

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	03/31/1961	PMT LOG ABS	L 04619	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 04619	Shallow	20S	37E	06	4 2 3				13	660944	3607983	32 35 54.58	103 17 9.81	
L 04619 APPRO	Shallow	20S	37E	06	4 2 3				13	660944	3607983	32 35 54.58	103 17 9.81	

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Water Right Summary

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DB File Nbr: L 09779
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT Permit
Total Acres:
Total Diversion: 3
Owner: DOLORES NASH DAVIS

Documents on File

Doc	File/Act	Status 1 2 3	Trans_Desc	From/To	Acres	Diversion	Consumptive
72121	01/09/1986	PMT APR CNV	CONVERSION	L 097 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 09779	Shallow	20S	37E	05	2	2	2				13	662742	3609012	32 36 20.62	103 16 8.01	