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REPORTS

DATE:

12/2002

PRELIMINARY SITE INVESTIGATION REPORT

AND

REMEDIATION WORK PLAN

LEA STATION TO MONUMENT 6-INCH PIPELINE RELEASE SITE
Lea County, New Mexico
NE ¼, SE ¼ of Section 5, Township 20 South, Range 37 East
Latitude 32° 36' 6.4" North, Longitude 103° 15' 55.1" West

Prepared For:
EOTT Energy Pipeline Limited Partnership
5805 East Highway 80
Midland, Texas 79701

ETGI Project # EO2078C
EOTT Leak No. 2001-11056

Prepared By:

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December 2002

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1.0 INTRODUCTION

EOTT Energy Pipeline Limited Partnership (EOTT) is submitting this *Preliminary Site Investigation Report and Remediation Work Plan* as a summary of activities completed to date and to establish future actions to be conducted at the Lea Station to Monument 6-Inch Pipeline release site in Lea County, New Mexico. For reference, a site location map and site map, are provided as Figures 1 and 2, respectively. Site investigation activities completed to date were conducted to delineate the vertical and horizontal extent of the crude oil impact at the site. The proposed remediation work plan included in this document has been designed to complete vertical and horizontal delineation of soil impacted by the crude oil release from the referenced pipeline. In addition, the remediation work plan is designed to remediate impacted soils to acceptable New Mexico Oil Conservation Division (NMOCD) regulatory levels.

The site is located approximately 1.5 miles south of the city of Monument, New Mexico, in the NE ¼, SE ¼ of Section 5, Township 20 South, Range 37 East, in Lea County, New Mexico. The release resulted in an irregularly shaped surface stain measuring approximately 175 feet in length by 30 feet in width. As required by the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 1993 (NMOCD, 1993), EOTT has conducted emergency response and preliminary site assessment activities as summarized in Section 2.0 below.

The remediation work plan, as outlined in this document, will serve as a Supplement to the *General Work Plan for Remediation of EOTT Pipeline Spills, Leaks and Releases in New Mexico* (GWPR) approved by NMOCD on August 1, 2000. The GWPR was developed to ensure consistency of response and closure at all EOTT release sites. The overall closure strategy for this site will be consistent with the strategy outlined in the approved GWPR. To reiterate the site closure strategy, EOTT intends to seek regulatory closure by the following means:

- Delineate the horizontal and vertical impacts to the soil and groundwater due to the referenced pipeline release;
- EOTT will excavate and treat saturated/contaminated soil on-site by shredding and the addition of nutrients;
- Conduct confirmation sampling of treated soils to illustrate constituent concentrations are below approved site action levels. Subsequently backfilling excavated area with treated soils and re-seeding the surface with native grasses;
- Evaluate groundwater quality/usage by advancing a permanent groundwater monitor well to collect a sample to be analyzed for Total Dissolved Solids (TDS). If the TDS is ≤10,000 mg/L, submit a Stage 2 Abatement Plan designed to mitigate groundwater constituent levels to applicable New Mexico Water Quality Control Commission (WQCC) standards. If the TDS is ≥10,000 mg/L, prepare a Site Closure Request as per NMOCD regulations;

- Utilization of approved risk assessment methods to mitigate impacted ground water, if applicable.

Documentation supporting the aforementioned closure strategy will be submitted for NMOCD approval at the appropriate time. Upon approval of this Preliminary Site Investigation and Remediation Work Plan by NMOCD, EOTT will commence remediation activities as outlined in the Work Plan.

2.0 SUMMARY OF FIELD ACTIVITIES

EOTT conducted emergency response activities by immediately excavating around the pipeline in the release area, locating the leak point and repairing the line. Environmental Technology Group, Inc. (ETGI) was contracted to conduct subsequent site excavation activities on September 20 and 21, 2001. Initial site activities consisted of excavation of Highly Contaminated/Saturated Soil to a depth of approximately three feet below ground surface (bgs) as depicted on the Site Plan, Figure 2. ETGI mobilized a Geo-Probe® direct-push rig on October 10, 2001, to continue preliminary site investigation activities to determine the extent of crude oil impact as a result of the pipeline release.

ETGI completed a total of 17 GeoProbe borings to delineate the horizontal and vertical extent of subsurface impact. The GeoProbe boring locations are depicted on Figure 2 and the boring logs are provided as Appendix A. As indicated on the figure, GeoProbe borings GP-1 through GP-12 were positioned to define the horizontal extent of the subsurface impacted area as estimated from staining observed in the excavated area. These borings were completed to a maximum depth of approximately 20 feet below the ground surface (bgs), provided no impacted soil was encountered. GeoProbe borings GP-2 and GP-11 through GP-17 were completed to the point of physical refusal due to the subsurface presence of caliche. Continuous soil samples were collected during the installation of the GeoProbe borings and field-screened with a photoionization detector (PID) calibrated to a 100-ppm isobutylene standard. Each sample collected was visually inspected and described as to soil type, grain size, sorting characteristics, odor and staining present. Soil samples collected from GeoProbe borings GP-1 through GP-12 and GeoProbe boring GP-17 did not exhibit any visual signs of staining, olfactory evidence or elevated PID readings and were terminated at either the targeted depth or at refusal depth. GeoProbe borings GP-13 through GP-16 were positioned within the shallow excavation to delineate the vertical extent of subsurface impacts due to the pipeline release. Soil samples collected from these four GeoProbe borings are characterized by erratic staining, olfactory evidence and elevated PID readings (Appendix A). Following completion of each soil boring, the boring was filled to the surface with bentonite pellets and saturated with deionized water (D.I.) as required by NMOCD guidelines.

On April 18, 2002 ETGI mobilized an air-rotary drilling rig operated by ECO Drilling of Midland, Texas to delineate the horizontal and vertical extent of groundwater impacts, if present. ETGI completed a total of six groundwater monitor wells at this location. The locations of the groundwater monitor wells are depicted on Figure 2, and the boring logs are provided as

Appendix A. As indicated on Figure 2, groundwater monitor wells, MW-1, MW-2, and MW-3 were positioned to define the horizontal extent of the groundwater impact to the west of the pipeline. Groundwater monitor wells MW-4, MW-5, and MW-6 were positioned to define the horizontal extent of the groundwater impact to the east of the pipeline. Groundwater monitor well MW-5 was positioned to the southeast of the release point in a relative down gradient location. The groundwater monitor wells were completed to a maximum depth of approximately 45 feet bgs. Groundwater was encountered at a depth of approximately 31 to 38 feet bgs. During the boring process, soil samples were collected at five-foot intervals utilizing a split spoon sampling method. All soil samples collected during the installation of the groundwater monitor wells were field screened with a PID. Each sample collected was visually inspected and described as to soil type, grain size, sorting characteristics, odor and staining present. Soil samples collected from groundwater monitor wells MW-1, MW-4, and MW-6 did not exhibit any visual signs of staining, olfactory evidence or elevated PID readings during installation. The soil samples collected from groundwater monitor well MW-2 at depths of 18 to 20 feet and 38 to 40 feet bgs exhibited a slight odor with no visual signs of staining or elevated PID readings, the remaining soil samples collected from this boring did not exhibit any evidence of hydrocarbon impact. Soil samples collected from groundwater monitor well MW-3 at depths of 33 to 35 feet bgs and 43 to 45 feet bgs exhibited a slight odor with no visual signs of staining or elevated PID readings, the soil sample collected from the depth of 38 to 40 feet bgs exhibited a strong odor and a PID reading of 75.3 ppm with no visual sign of staining present. The remaining soil samples collected from groundwater monitor well MW-3 did not exhibit any evidence of hydrocarbon impact. Soil samples collected from groundwater monitor well MW-5 at depths of 33 to 35 feet bgs and 43 to 45 feet bgs exhibited a slight odor with no visual signs of staining or elevated PID readings, the soil sample collected at a depth of 38 to 40 feet bgs exhibited a slight odor and a PID reading of 33.5 ppm with no visual signs of staining. All groundwater monitor wells were completed so as to comply with all applicable NMOCD requirements regarding groundwater monitor wells.

The groundwater monitor wells were developed on May 1, 2002 utilizing an electric Grundfos submersible pump. The development water was pumped into a 300 gallon, trailer mounted, polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730). The ground water monitor wells were subsequently gauged and sampled on May 2, 2002, September 17, 2002 and November 19, 2002.

All soil samples submitted to the laboratory were analyzed for Total Petroleum Hydrocarbons – gasoline range organics/diesel range organics (TPH-GRO/DRO) utilizing EPA Method SW 846-8015M and Benzene, Toluene, Ethyl benzene and total Xylenes (BTEX), utilizing EPA Method SW 846-8260B, 5030. All groundwater samples were analyzed for BTEX constituents using EPA Method 8021B/5030; Poly Aromatic Hydrocarbons (PAH), Total Dissolved Solids (TDS), anions and cations using EPA Methods 8100, 160.1, SM 2320, 375.4, and 325.2; and WQCC Metals using Method 6010/200.7. Results of laboratory analysis of the soil and groundwater samples are summarized in Tables 1, 2, 3, 4, and 5 and the laboratory reports are provided as Appendix B.

Research was conducted on the New Mexico Office of the State Engineer's (NMOSE) Water Well Database for information on well locations and the average depth to ground water in the area. The database indicated that there were one hundred fourteen registered water wells within a one-mile radius of the site. The average depth to ground water as determined from these wells is 32 feet bgs. A copy of the NMOSE Water Well Report is provided in Appendix C. Based on field data collected during groundwater sampling activities, the on-site groundwater gradient trends to the southeast as shown on Figure 3.

3.0 SITE DESCRIPTION

3.1 Regional Geology/Hydrogeology

In the site vicinity, the surface is composed of unconsolidated, wind blown sands and finer materials associated with the Tertiary Ogallala Formation, which serves as a major aquifer for southeastern New Mexico and several high plains states. Unconfined groundwater is typically present in these sands at varying depths and generally flows from the north to the south. This aquifer is typically characterized by relatively high hydraulic conductivity and transmissivity.

The Ogallala is underlain by the Triassic Dockum Group, locally referred to as the "red beds". While there are sand lenses within the Dockum Group, it is more typically classified as an aquitard characterized by red silt and micaceous shale in which detectable groundwater is often absent or limited in extent. Where groundwater is present, the aquitard is usually characterized by relatively low hydraulic conductivity and transmissivity.

The site is located in the Southern Desertic Basins physiographic feature as classified in the Lea County Soil Survey by the U.S. Department of Agriculture Soil Conservation Service, January 1974. The average surface elevation in the area ranges between 3,000 to 3,900 feet above sea level with the average surface topography sloping to the south and southeast at approximately 10 feet per mile. The ground water gradient in the region appears to reflect the topography with a similar slope to the south and southeast with some local variations. The site is located on Pyote-Maljamar-Kermit Association type soils, specifically the Wink Fine Sand soil type. This soil complex is about 30 percent Pyote, 20 percent Maljamar and about 15 percent Kermit. Palomas, Wink, Largo, Pajarito and Tonuco soils compose the remaining 35 percent. This association consists of gently undulating and rolling, well drained to excessively drained soils in upland plains areas of southern Lea County. Wink Fine Sand is moderately permeable and runoff is very slow. It has a rapid water intake and the available water holding capacity is 2 to 4 inches. Soil blowing is a severe hazard in this region.

Data collected by the United States Weather Bureau indicate that the average annual precipitation in the site vicinity is approximately 12 to 15 inches. This amount occurs primarily as storm events during the period between June and October. Infiltration and evaporation rates are generally high resulting in limited surface flow from these events. The primary utilization of these lands consists of range, wildlife habitat, and recreational areas.

3.2 Site Geology/Hydrology

At the site, the subsurface is composed primarily of unconsolidated sands, which vary in color from brown to tan with minor amounts of red. The sands are very fine grained, poorly sorted and contain calcareous nodules or caliche debris at depth. A limited amount of caliche, common in the area, is also present at the site. The sand is dry, excluding those samples which were characterized by heavy odor and staining, as depicted on the soil boring logs in Appendix A. As indicated on the boring logs of the groundwater monitor wells, the average depth to groundwater is approximately 31 to 38 feet bgs (Appendix A).

3.3 New Mexico Oil Conservation Division (NMOCD) Soil Classification

Data obtained from groundwater monitor well installation activities indicate that the depth to groundwater varies between 31 and 38 feet bgs. Highly Contaminated/Saturated Soils were encountered in the GeoProbe soil borings located within the excavated area at depths ranging from the surface to 15 feet bgs therefore, 20 points would be assigned to the site as a result of this criterion.

The water well database, maintained by the New Mexico State Engineer's Office, was accessed in order to determine the location and type of nearby water wells in the area. The data indicate that there are no domestic water wells located within 1,000 feet of the site. These site conditions result in no points assigned to the site as a result of this criterion.

As depicted on Figures 1 and 2, there are no bodies of surface water located within 1,000 feet of the site. These site conditions result in no points assigned to the site as a result of this criterion.

The NMOCD guidelines indicate that the site would have a Ranking Score of >19. The action levels for a site with a Ranking Score of >19 points are as follows:

Benzene - 10 ppm
BTEX - 50 ppm
TPH - 100 ppm

3.4 Distribution of Hydrocarbons in the Unsaturated Zone

Results of laboratory analysis of the soil samples collected from soil borings GP-2 through GP-12 and boring GP-17 indicate that soil in these areas was not impacted by the referenced release. Therefore, these GeoProbe soil borings effectively represent a horizontal delineation of impacted soil. Based on a review of the laboratory results, crude oil impacted soils in excess of NMOCD criteria were identified in GeoProbe soil borings GP-1 within the 4-8 foot interval and GP-13 through GP-16 ranging from the surface of the soil boring to approximately 15 feet bgs.

Soil samples collected and analyzed from the installation of groundwater monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6 did not exhibit significant indications of impacts due to the on-site release of crude oil.

The distribution of hydrocarbons in the unsaturated zone has been estimated by utilizing the following techniques:

- Visual observation of surface staining
- Visual observation of subsurface soil samples, and
- Review of laboratory analyses of soil samples.

3.5 Distribution of Contaminates in the Saturated Zone

Groundwater was encountered at depths varying from 31 to 38 feet bgs in the monitor wells completed on-site. Analytical results of the initial groundwater sampling event indicate constituents above regulatory standards for aluminum, barium, cadmium, chromium, iron, manganese, boron and chloride. Monitor well MW-3 indicated the highest concentrations of aluminum, barium, cadmium, chromium, iron, and manganese. Monitor well MW-1 indicated the highest concentration of boron and monitor well MW-4 indicated the highest concentration of chloride. These results are indicated on Tables 3 and 5 respectively. Review of the analytical results derived from analysis of the groundwater samples collected indicate that concentrations of benzene and total BTEX are below NMOCD regulatory standards in all the on-site groundwater monitor wells with the exception of monitor well MW-5 which was above the NMOCD regulatory standard for benzene during the May 2, 2002 groundwater sampling event as indicated on Table 2. None of the groundwater samples collected and analyzed during the September 17, 2002 and November 19, 2002 sampling events registered BTEX concentrations above NMOCD regulatory standards.

4.0 RECOMMENDATIONS

Further horizontal delineation is required north of the existing excavation; however, the adjacent landowner has denied access to his property. A soil sample will be collected at the release point and analyzed for constituents of BTEX, TPH, WQCC Metals and General Chemistry.

The existing excavation will be expanded to remove impacted soil to a practicable depth or to NMOCD regulatory limits. Additional excavation will be required in the areas surrounding borings GP-1, GP-13, GP-14, GP-15 and GP-16. It is estimated that approximately 4,240 yd^3 of crude oil impacted soil will need to be excavated from around the referenced leak. Following excavation activities, confirmation soil samples will be collected from the bottom and side walls of the excavation to verify that the remedial activities completed comply with all applicable NMOCD regulatory standards as set forth in the *Guidelines for Remediation of Leaks, Spills and Releases* (NMOCD, 1993) guidance document.

It is recommended that the excavated soils then be shredded and applied onto a temporary, on-site soil treatment area and subjected to ex-situ treatments including, but not limited to, soil

blending and mixing, nutrient enhancement and/or volatilization methods. Upon attainment of site cleanup goals, the treated soil will be utilized to backfill the excavation. A 12-inch layer of clean topsoil material will be transported in from an off-site source and used to cover the backfilled area. The area will be reseeded with native grasses and watered to complete site restoration.

5.0 QA/QC PROCEDURES

5.1 Soil Sampling

Samples of subsurface soils were obtained utilizing a clear, single-use plastic sample liner attached to the inside of the GeoProbe® drive point. Representative soil samples were divided into two separate portions using clean, disposable gloves and clean sampling tools. One portion of the soil sample was placed in a disposable sample bag. The bag was labeled and sealed for headspace analysis using a PID calibrated to a 100-ppm isobutylene standard. Each sample was allowed to volatilize for approximately thirty minutes at ambient temperature prior to conducting the analysis.

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

Soil samples were delivered to AnalySys, Inc., in Austin, Texas for BTEX and TPH analyses using the methods described below. Samples were analyzed for BTEX and TPH-GRO/DRO within fourteen days following the collection date. The soil samples were analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8260B
- TPH concentrations in accordance with modified EPA Method 8015M GRO/DRO

5.2 Groundwater Sampling

During the sampling events, the monitor wells, designated to be sampled, were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon sampler. Water samples were stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730). Groundwater samples were delivered to AnalySys, Inc. for BTEX, PAH, WQCC Metals, Cation/Anion, and TDS analysis using the methods described below. An equipment blank was collected and submitted for analysis of BTEX constituents for quality control standards (EB-1). All samples were

analyzed within approved holding times following the collection date. The groundwater samples were analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8021B/5030;
- PAH, TDS, anions and cations using EPA Methods 8100, 160.1, SM2320, 375.4, and 325.2 and;
- WQCC Metals using EPA Methods 6010/200.7

5.3 Decontamination Of Equipment

Prior to use, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water. A single-use, clear, poly-liner was utilized for collection of each sample.

5.4 Laboratory Protocol

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

6.0 LIMITATIONS

Environmental Technology Group, Inc. has prepared this Preliminary Site Investigation Report 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 is applicable only to the facts and conditions as described at the time of this report.

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

7.0 Distribution

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TABLES

TABLE 1

SOIL CHEMISTRY

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO2078

All concentrations are in mg/kg

SAMPLE NAME	SAMPLE DATE	SAMPLE DEPTH	Method: 8260b				Method: 8015M	
			BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	GRO	DRO
GP 1	10/16/01	0-4'	N/A	N/A	N/A	N/A	<5	<5
GP 1	10/16/01	4'-8'	N/A	N/A	N/A	N/A	6.93	313
GP 1	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 1	10/16/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 1	10/16/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 2	10/16/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 2	10/16/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 2	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 3	10/16/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 3	10/16/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 3	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 3	10/16/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 3	10/16/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 4	10/16/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 4	10/16/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 4	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 4	10/16/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 4	10/16/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 5	10/16/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 5	10/16/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 5	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 5	10/16/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 5	10/16/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 6	10/16/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 6	10/16/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 6	10/16/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 6	10/16/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 6	10/16/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 7	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 7	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 7	10/19/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 7	10/19/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 7	10/19/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 8	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 8	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 8	10/19/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 8	10/19/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 8	10/19/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 9	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 9	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5

SOIL CHEMISTRY

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO2078

All concentrations are in mg/kg

SAMPLE NAME	SAMPLE DATE	SAMPLE DEPTH	Method: 8260b				Method: 8015M	
			BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	GRO	DRO
GP 9	10/19/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 9	10/19/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 9	10/19/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 10	10/19/01	0'-4'	N/A	N/A	N/A	N/A	7.28	<5
GP 10	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 10	10/19/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 10	10/19/01	12'-16'	N/A	N/A	N/A	N/A	<5	<5
GP 10	10/19/01	16'-20'	N/A	N/A	N/A	N/A	<5	<5
GP 11	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 11	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 12	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 12	10/19/01	4'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 13	10/19/01	0'-4'	0.104	1.580	2.140	7.750	260	182
GP 13	10/19/01	4'-8'	<0.020	<0.020	<0.020	<0.020	32.6	146
GP 13	10/19/01	8'-12'	<0.020	<0.020	0.023	<0.020	11.4	23
GP 13	10/19/01	12'-16'	<0.020	<0.020	<0.020	<0.020	4.73	10.8
GP 14	10/19/01	0'-4'	0.178	2.490	3.120	12.640	697	598
GP 14	10/19/01	4'-8'	0.228	2.740	3.150	11.890	1110	719
GP 14	10/19/01	8'-12'	<0.020	<0.020	<0.020	<0.020	16.9	45
GP 14	10/19/01	12'-16'	<0.020	<0.020	<0.020	<0.020	<5	<5
GP 15	10/19/01	0'-4'	0.257	3.660	3.740	8.210	5420	3840
GP 15	10/19/01	4'-8'	0.298	3.680	3.590	7.860	5670	4360
GP 15	10/19/01	8'-12'	0.339	4.480	4.730	11.370	4850	3120
GP 15	10/19/01	12'-15'	0.898	8.880	8.570	25.330	12700	8400
GP 16	10/19/01	0'-4'	<0.020	0.445	0.831	2.998	190	322
GP 16	10/19/01	4'-6'	<0.020	0.059	0.238	0.705	65.5	239
GP 16	10/19/01	6'-8'	N/A	N/A	N/A	N/A	<5	<5
GP 16	10/19/01	8'-12'	N/A	N/A	N/A	N/A	<5	<5
GP 17	10/19/01	0'-4'	N/A	N/A	N/A	N/A	<5	<5
GP 17	10/19/01	4'-6'	N/A	N/A	N/A	N/A	<5	<5
MW - 1	04/18/02	23-25'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 1	04/18/02	33-35'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 2	04/19/02	18-20'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 2	04/19/02	28-30'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 3	04/19/02	33-35'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 3	04/19/02	38-40'	<0.020	<0.020	<0.020	0.026	<5	21.3
MW - 4	04/19/02	18-20'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 4	04/19/02	33-35'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 5	04/22/02	33-35'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 5	04/22/02	38-40'	<0.020	<0.020	<0.020	<0.020	<5	<5

SOIL CHEMISTRY

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO2078

All concentrations are in mg/kg

SAMPLE NAME	SAMPLE DATE	SAMPLE DEPTH	Method: 8260b				Method: 8015M	
			BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	GRO	DRO
MW - 6	04/22/02	23-25'	<0.020	<0.020	<0.020	<0.020	<5	<5
MW - 6	04/22/02	33-35'	<0.020	<0.020	<0.020	<0.020	<5	<5

Note: N/A denotes sample not analyzed for listed constituent.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO2078

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX
MW - 1	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	0.001	<0.001	<0.001	0.003	0.004
MW - 3	05/02/02	<0.001	0.002	<0.001	0.012	0.014
	09/17/02	0.002	0.001	0.001	0.004	0.008
	11/19/02	0.001	<0.001	<0.001	0.001	0.002
MW - 4	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/02/02	0.024	0.039	0.021	0.073	0.157
	09/17/02	0.005	0.002	0.003	0.007	0.017
	11/19/02	0.003	0.002	0.002	0.005	0.012
MW - 6	05/02/02	0.002	<0.001	<0.001	<0.001	0.002
	09/17/02	0.001	<0.001	<0.001	<0.001	0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
*EB - 1	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001

**EB = Equipment Blank*

TABLE 3
CONCENTRATIONS OF METALS IN GROUNDWATER

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI Project # EO 2078

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 - 1	05/02/02	WATER	19.7	<0.05	1.72	<0.004	<0.005	218	0.0458	<0.02	0.0362	13.5	<0.02	53.2	0.497	0.0006	<0.02	0.0429	6.66	<0.05	<0.002	212	<0.05	0.0826	0.0321	0.783	4.58
MW - 2	05/02/02	WATER	3.89	0.0607	0.409	<0.004	<0.005	186	0.0143	<0.02	<0.02	2.24	<0.02	54.8	0.305	0.0004	<0.02	<0.02	6.62	<0.05	<0.002	197	<0.05	0.0482	<0.01	0.725	4.82
MW - 3	05/02/02	WATER	81.4	0.0526	2.03	<0.004	0.272	165	0.0901	<0.02	0.0457	39.8	0.0279	50.9	0.869	<0.0002	<0.02	0.0608	5.53	<0.05	<0.002	193	<0.05	0.29	0.0988	0.725	5.48
MW - 4	05/02/02	WATER	4.41	<0.05	0.25	<0.004	0.0086	157	<0.01	<0.02	<0.02	2.58	<0.02	48.9	0.294	<0.0002	<0.02	<0.02	6.49	<0.05	<0.002	201	<0.05	0.041	<0.01	0.764	3.57
MW - 5	05/02/02	WATER	11.6	<0.05	0.59	<0.004	0.106	184	0.0255	<0.02	<0.02	7.31	<0.02	53.6	0.634	<0.0002	<0.02	<0.02	6.16	<0.05	<0.002	185	<0.05	0.0579	0.0151	0.725	3.67
MW - 6	05/02/02	WATER	3.27	<0.05	0.281	<0.004	0.0078	172	0.0119	<0.02	<0.02	1.89	<0.02	51.3	0.367	<0.0002	<0.02	<0.02	6.78	<0.05	<0.002	171	<0.05	0.0228	<0.01	0.705	3.24

TABLE 4

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI Project # EO2078

All water concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SAMPLE TYPE	EPA SW846-8270C, 3510															
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-cd]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene
MW - 1	05/02/02	WATER	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW - 2	05/02/02	WATER	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW - 3	05/02/02	WATER	<0.00005	<0.00005	0.000116	0.000528	0.000515	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW - 4	05/02/02	WATER	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW - 5	05/02/02	WATER	0.00475	0.000106	0.000137	0.000712	0.000627	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW - 6	05/02/02	WATER	0.000133	<0.00005	<0.00005	<0.00005	0.000163	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005

TABLE 5

CONCENTRATIONS OF ANIONS/CATIONS IN GROUNDWATER

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI Project # EO2078

All water concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	SAMPLE TYPE	EPA SW375.4, 325,3, 310, 160.1				
			Sulfate	Chloride	Carbonate	Bicarbonate	TDS
05/02/02	MW - 1	WATER	217	396	<10	360	1550
05/02/02	MW - 2	WATER	200	374	<10	380	1530
05/02/02	MW - 3	WATER	151	391	<10	340	1390
05/02/02	MW - 4	WATER	170	415	<10	370	1480
05/02/02	MW - 5	WATER	183	365	<10	430	1580
05/02/02	MW - 6	WATER	180	391	<10	390	1550

TABLE 6

GROUNDWATER ELEVATION

EOTT ENERGY PIPELINE LIMITED PARTNERSHIP
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO2078

SAMPLE LOCATION	SAMPLE DATE	WELL CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	05/02/02	3562.67	ND	38.68	0.00	3523.99
	09/17/02	3562.67	ND	39.15	0.00	3523.52
	11/19/02	3562.67	ND	39.31	0.00	3523.36
MW-2	05/02/02	3563.00	ND	39.04	0.00	3523.96
	09/17/02	3563.00	ND	39.47	0.00	3523.53
	11/19/02	3563.00	ND	39.63	0.00	3523.37
MW-3	05/02/02	3562.60	ND	38.65	0.00	3523.95
	09/17/02	3562.60	ND	39.10	0.00	3523.50
	11/19/02	3562.60	ND	39.24	0.00	3523.36
MW-4	05/02/02	3562.85	ND	38.85	0.00	3524.00
	09/17/02	3562.85	ND	39.34	0.00	3523.51
	11/19/02	3562.85	ND	39.48	0.00	3523.37
MW-5	05/02/02	3564.21	ND	40.24	0.00	3523.97
	09/17/02	3564.21	ND	40.70	0.00	3523.51
	11/19/02	3564.21	ND	40.85	0.00	3523.36
MW-6	05/02/02	3563.29	ND	39.34	0.00	3523.95
	09/17/02	3563.29	ND	39.79	0.00	3523.50
	11/19/02	3563.29	ND	39.94	0.00	3523.35

Note: ND denotes no product detected during well gauging activity.

FIGURES

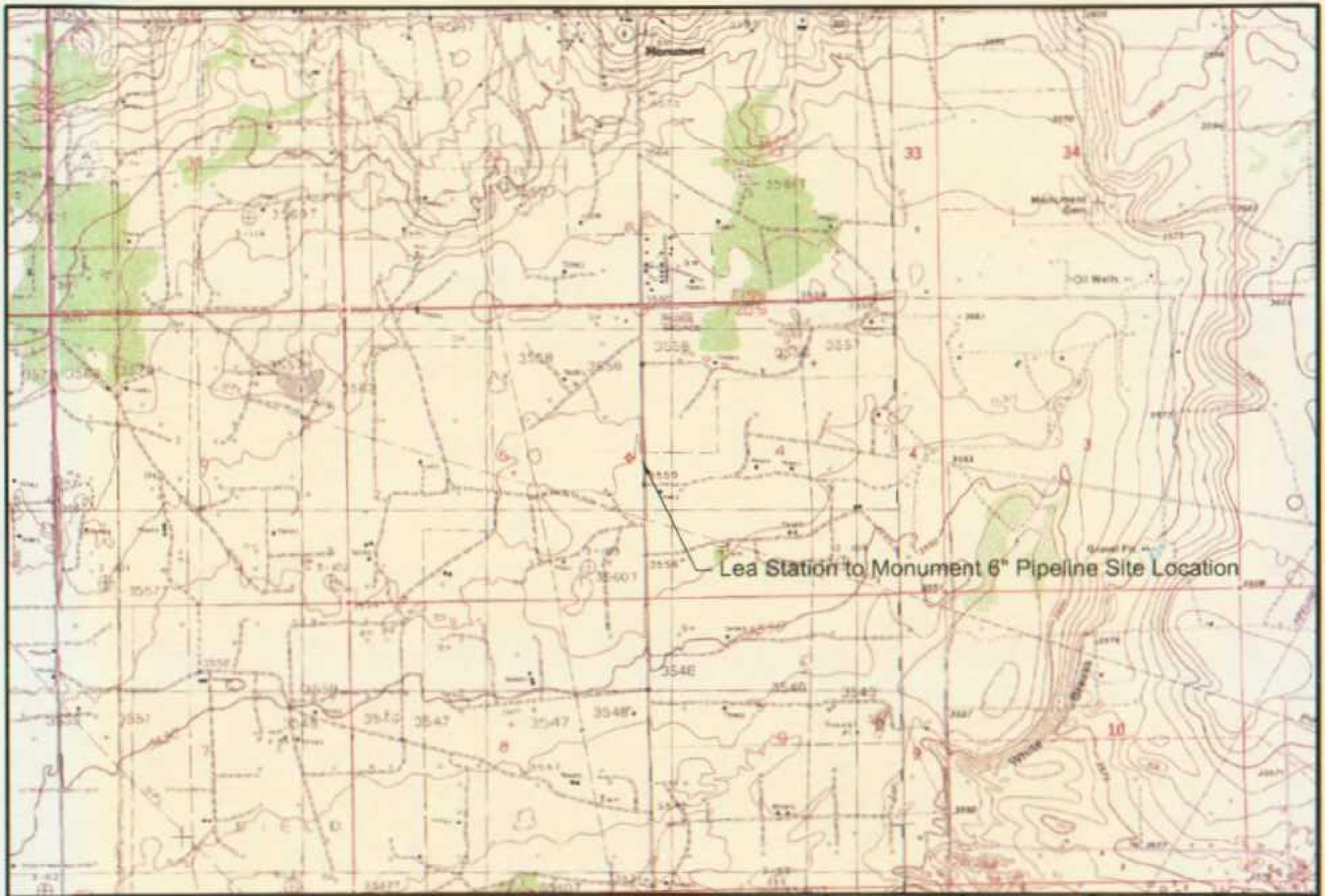
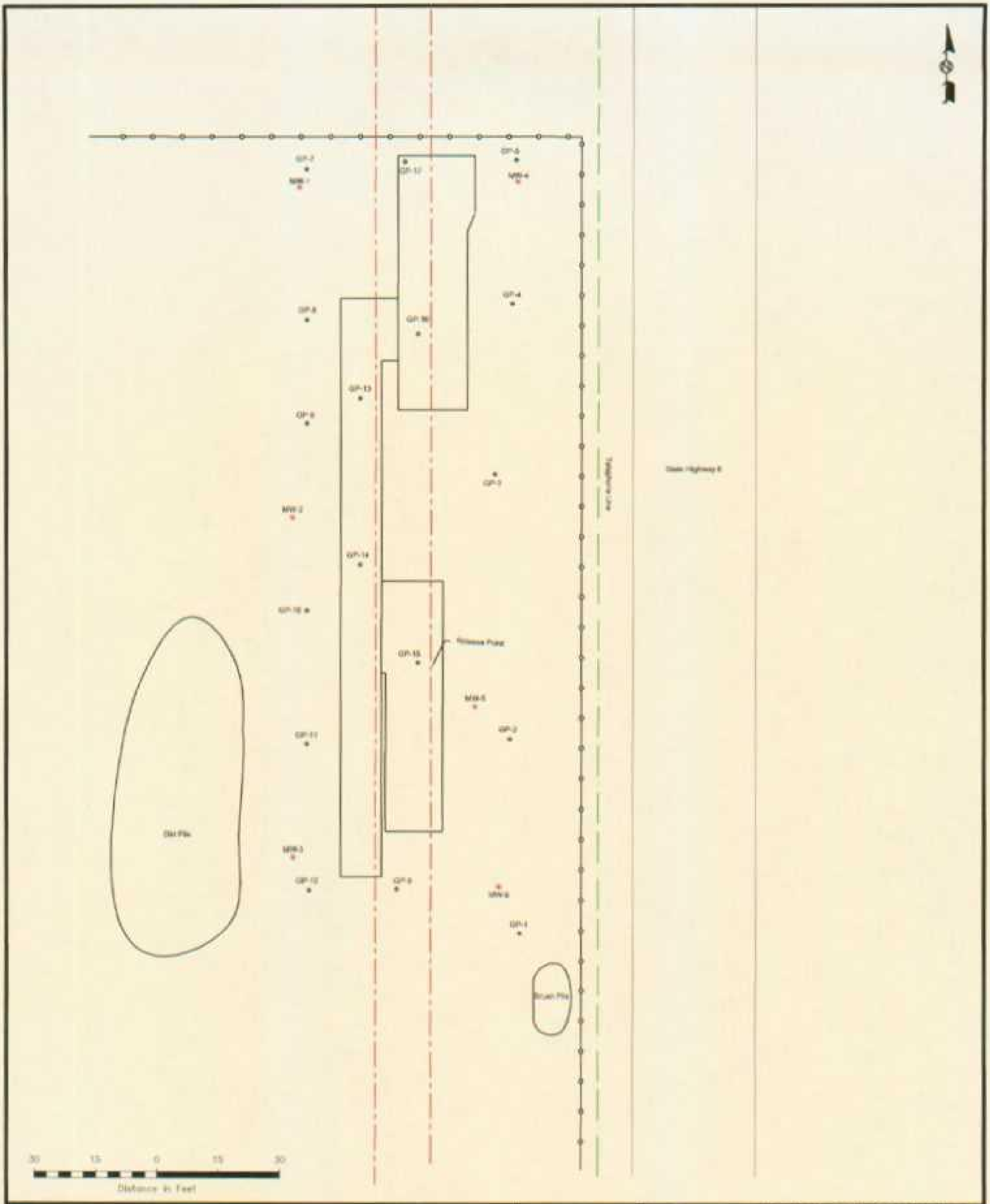


Figure 1
Site Map

EOTT Energy Pipeline, LP
Lea Station to
Monument 6" Pipeline
Lea County, NM

Environmental Technology
Group, Inc.

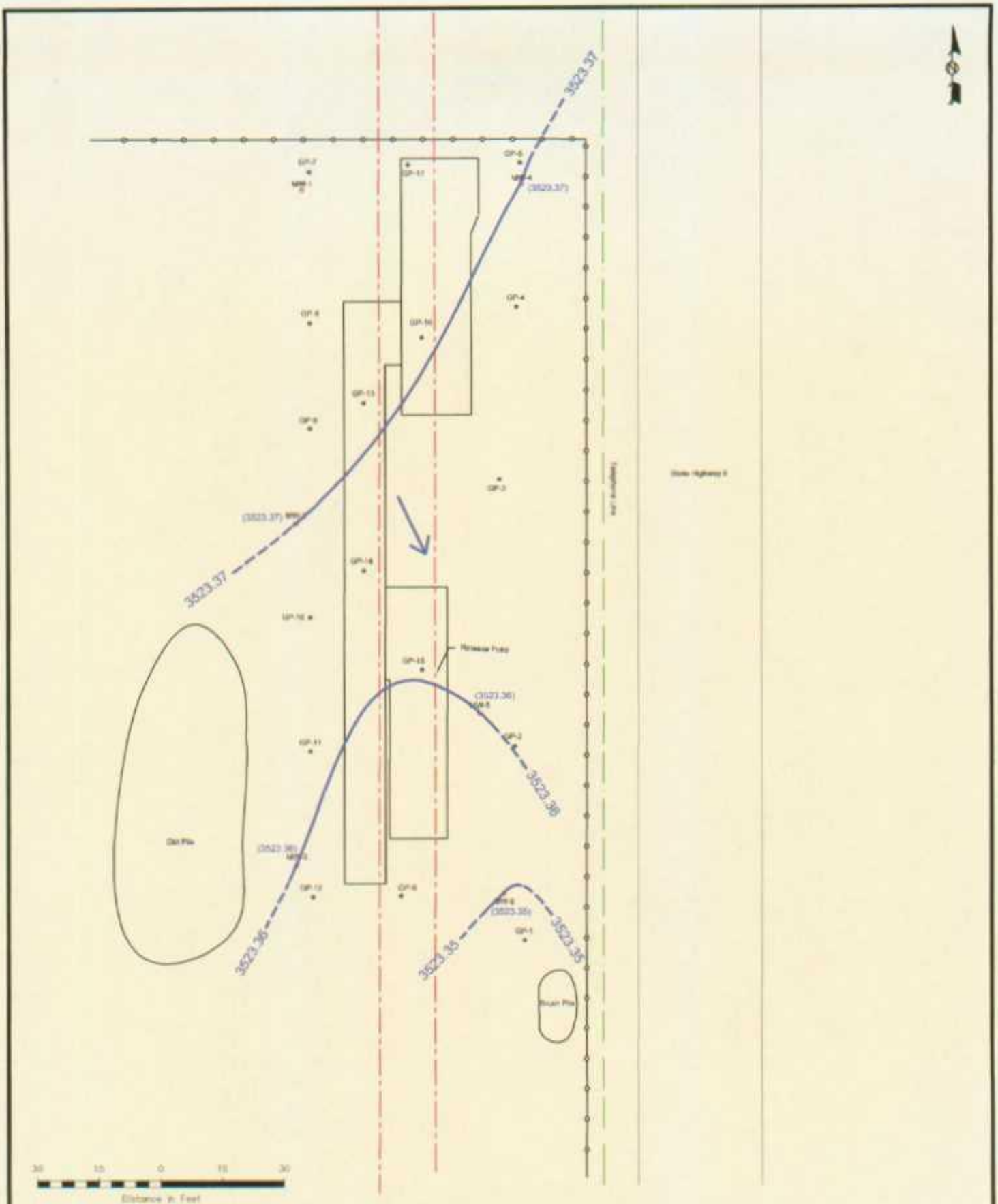


Legend
- Pipeline
- Fence

Figure 2
Site Map

EOTT Energy Pipeline, LP
Lea Station to
Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.



Legend
- Soil/Probe Sample Location
- Pipeline
- Fence
- Monitor Well Location
- Groundwater Gradient Contour
- (3523.35) Groundwater Elevation (in Feet)

Figure 3
Groundwater Gradient Map
EOTT Energy Pipeline, LP
Lea Station to
Monument 8" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

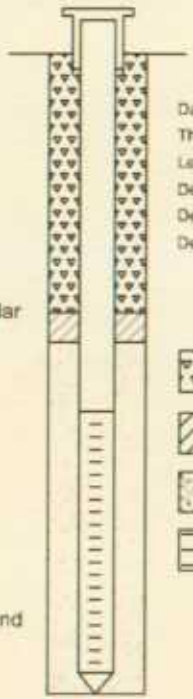
APPENDICES

APPENDIX A

Soil Boring Logs

Monitor Well MW-1

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0 - 5		2.4	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
5 - 10		1.1	None	None	Caliche Layer, Soft, White.
10 - 15		0.9	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
15 - 20		0.8	None	None	Caliche Layer, Soft, White.
20 - 25		(1.7)	None	None	Sand (SP) - Light Brown, Very Fine Grained, Moderately Sorted, Unconsolidated, Sub-Angular to Sub-Rounded.
25 - 30		0.9	None	None	Caliche Layer, Soft, White.
30 - 35		(1.2)	None	None	Sand (SP) - Light Brown, Very Fine Grained, Moderately Sorted, Unconsolidated, Sub-Angular to Sub-Rounded.
35 - 40		1.2	None	None	
40 - 45	TD				Gravel (GP) - Brown, Sub-Rounded, Quartz, and Hard Caliche.
45 - 50					
50 - 55					
55 - 60					
60 - 65					
65 - 70					



Monitor Well Details

Date Drilled 4 - 18 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft
Depth to Groundwater 35 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

( ) Indicates samples selected for Laboratory Analysis.

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

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

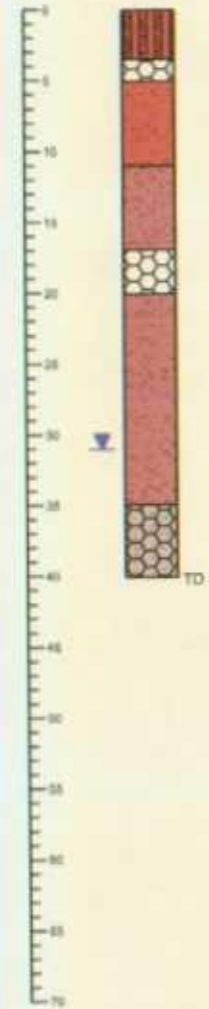
Monitor Well MW-1

EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

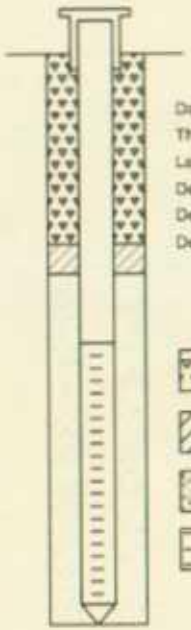
Environmental Technology Group, Inc.

Prep By: LGM	Checked By: CR
November 4, 2002	ETGI Project # EO2079

Monitor Well MW-2



Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0 - 5		2.7	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
					Caliche Layer, Soft, White.
5 - 10		2.6	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
10 - 15		2.2	None	None	
15 - 20		(4.7)	Slight	Slight	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted,Unconsolidated, Sub-Rounded.
20 - 25		2.3	None	None	Caliche Layer, Soft, White.
25 - 30		(2.1)	None	None	
30 - 35	▼	4.1	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
35 - 40		2.0	Slight	None	
40 - 45					Gravel (GP) - Light Gray, Slightly Sandy, Sub-Rounded, Quartz, and Rounded Caliche.
45 - 50					
50 - 55					
55 - 60					
60 - 65					
65 - 70					



Monitor Well Details

Date Drilled 4 - 19 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 40 ft
Depth of Exploratory Well 40 ft
Depth to Groundwater 31 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

( ) Indicates samples selected for Laboratory Analysis.

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

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

Monitor Well MW-2

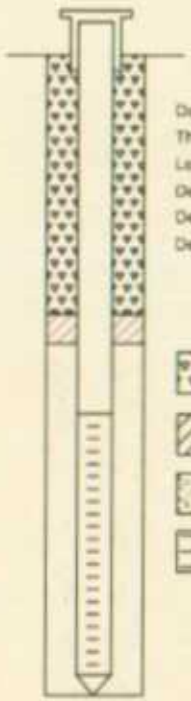
EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

Environmental Technology Group, Inc.

Prep By: LGM	Checked By: CR
Nov. 4, 2002	ETGI Project # EO2078

Monitor Well MW-3

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0					
5		2.9	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
		0.3	None	None	Caliche Layer, Soft, White.
10		1.9	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
15		2.4	None	None	Caliche Layer, Hard, White.
20		3.8	None	None	
25		3.8	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted,Unconsolidated, Sub-Rounded.
30		(8.8)	Slight	None	Caliche Layer, Hard, White.
35	▼	(75.3)	Strong	None	Gravel (GP) - Light Gray, Slightly Sandy, Sub-Rounded, Quartz, and Rounded Caliche.
40		3.5	Slight	None	
45	TD				Sand (SP) - Light Brown, Very Fine Grained, Well Sorted.
50					
55					
60					
65					
70					



Monitor Well Details

Date Drilled 4 - 19 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft
Depth to Groundwater 37 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

(8.8) Indicates samples selected for Laboratory Analysis.

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

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

Monitor Well MW-3

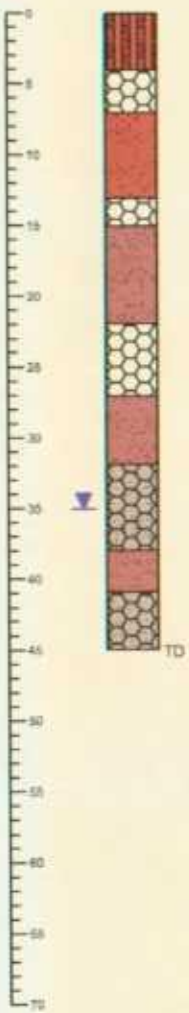
EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

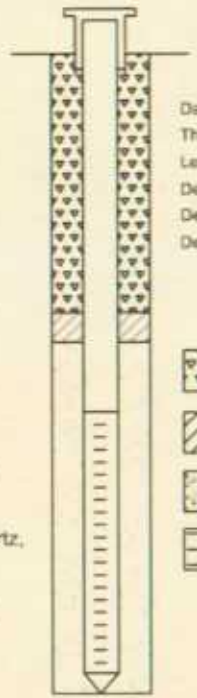
Environmental Technology Group, Inc.

Prep By: LGM	Checked By: DH
Nov. 4, 2002	ETGI Project # EO0078

Monitor Well MW-4

Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0 - 5	2.3	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
5 - 10	1.6	None	None	Caliche Layer, Soft, White.
10 - 15	2.8	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
15 - 20	(4.9)	None	None	Caliche Layer, Soft, White.
20 - 25	2.7	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted,Unconsolidated, Sub-Rounded.
25 - 30	3.4	None	None	Caliche Layer, Soft, White.
30 - 35	(3.9)	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted,Unconsolidated, Sub-Rounded.
35 - 40	2.7	None	None	Gravel (GP) - Light Gray, Sub-Rounded, Quartz, and Caliche.
40 - 45	2.6	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted, Sub-Rounded. Gravel (GP) - Light Gray, Slightly Sandy, Sub-Rounded, Quartz, and Caliche.





Monitor Well Details

Date Drilled 4 - 19 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft
Depth to Groundwater 35 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

(4.9) Indicates samples selected for Laboratory Analysis.

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

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

Monitor Well MW-4

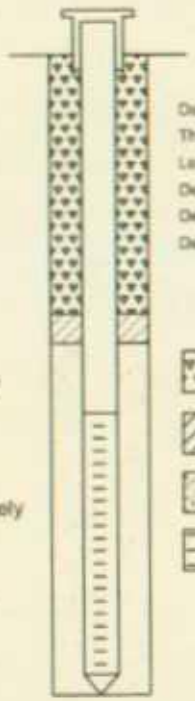
EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

Environmental Technology Group, Inc.

Prep By: LGM	Checked By: CR
Nov. 4, 2002	ETGI Project # EO2078

Monitor Well MW-5

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
		2.5	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
		2.3	None	None	
		1.5	None	None	Caliche Layer, Soft, White.
		0.9	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded. Caliche Layer, Soft, White.
		2.4	None	None	
		5.8	None	None	Sand (SP) - Light Brown, Slightly Sandy, Very Fine Grained, Well Sorted,Unconsolidated, Imbedded Caliche.
30	▼	(8.4)	Slight	None	Sand (SP) - Tan, Very Fine Grained, Moderately Sorted, Unconsolidated, Imbedded Caliche.
		(33.5)	Slight	None	
		1.6	Slight	None	Sand (SP) - Light Brown, Very Fine Grained, Slightly Silty, Moderately Sorted, Unconsolidated, Imbedded Caliche.
					TD



Monitor Well Details

Date Drilled 4 - 22 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft
Depth to Groundwater 35 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

( ) Indicates samples selected for Laboratory Analysis.

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

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

Monitor Well MW-5

EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

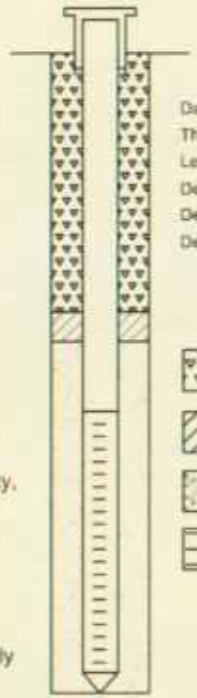
Environmental Technology Group, Inc.

Prep By: LGM	Checked By: DR
Nov. 4, 2002	ETGI Project # RO0078

Monitor Well MW-6

Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0 - 5	1.6	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
5 - 10	1.9	None	None	
10 - 15	1.7	None	None	Caliche Layer, Soft, White.
15 - 20	1.2	None	None	Sand (SP) - Light Brown, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Rounded.
20 - 25	(4.2)	None	None	Sand (SC) - Tan, Very Fine Grained, Well Sorted, Unconsolidated, Sub-Angular to Sub-Rounded.
25 - 30	1.1	None	None	Sand (SP) - Brown, Very Fine Grained, Silty, Moderately Sorted, Unconsolidated, Sub-Rounded.
30 - 35	(3.2)	None	None	Sand (SP) - Light Brown, Very Fine Grained, Sub-Rounded, Moderately Sorted, Slightly Silty, Unconsolidated.
35 - 40	2.0	None	None	
40 - 45	2.5	None	None	Sand (SP) - Tan, Very Fine Grained, Well Sorted,Sub-Rounded.
45 - 50				Sand (SC) - Light Brown, Fine Grained, Slightly Silty, Moderately Sorted.
50 - 55				
55 - 60				
60 - 65				
65 - 70				

TD



Monitor Well Details

Date Drilled 4 - 22 - 02
Thickness of Bentonite Seal 2 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft
Depth to Groundwater 38 ft

Grout Surface Seal
Bentonite Pellet Seal
Sand Pack
Screen

▼ Indicates the groundwater level measured on date.
(4.2) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitor well was installed on date using air rotary drilling techniques.
2. The well was constructed with 4" 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

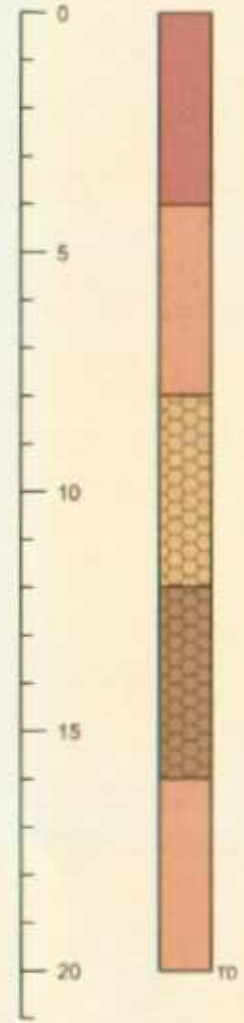
Monitor Well MW-6

EOTT Energy Corp. Lea to Monument 6" Pipeline Lea County, NM

Environmental Technology Group, Inc.

Prep By: LGM	Checked By: CR
Nov. 4, 2002	ETGI Project # EO2078

GeoProbe GP-1



Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted, Damp, with Caliche.
- Sand (SP) - Tan to Brown, Very Fine Grained, Well Sorted, Damp, with Caliche.
- Sand (SC) - Brown to Tan, Very Fine Grained, Well Sorted, Damp.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

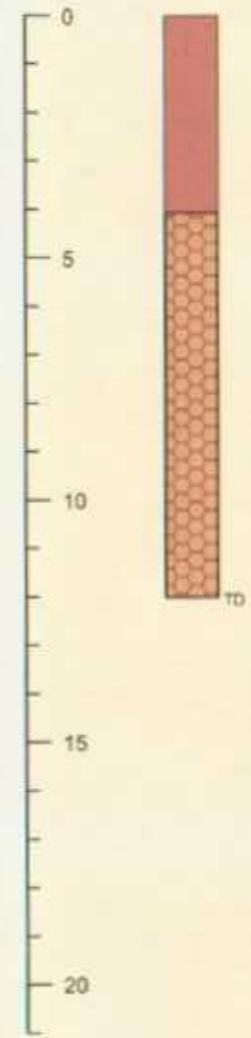
GeoProbe GP-1

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT20180	

GeoProbe GP-2



Legend

Sand (SP) - Brown, Very Fine Grained, Well Sorted.

Sand (SC) - Brown to Tan, Very Fine Grained, Well Sorted with Caliche.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

GeoProbe GP-2

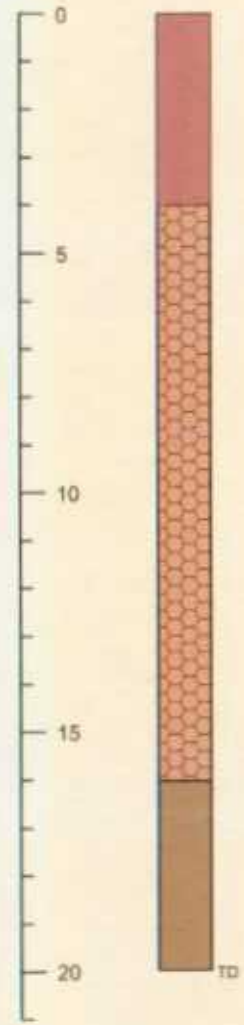
EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-3

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Notes
0					
		0.0	None	None	
5					
		0.0	None	None	
10		0.0	None	None	
		0.0	None	None	
15		0.0	None	None	
20	TD				Damp



Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted with Caliche.
- Sand (SC) - Tan to Brown, Very Fine Grained, Well Sorted.

⬭ Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

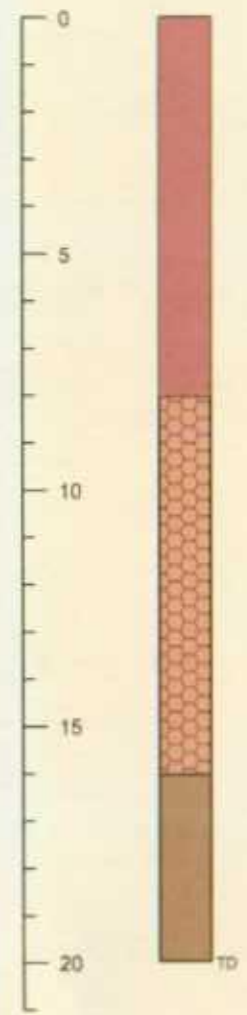
GeoProbe GP-3

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-4



Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted with Caliche Nodules.
- Sand (SC) - Tan to Brown, Very Fine Grained, Well Sorted with Caliche Nodules.

⬭ Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

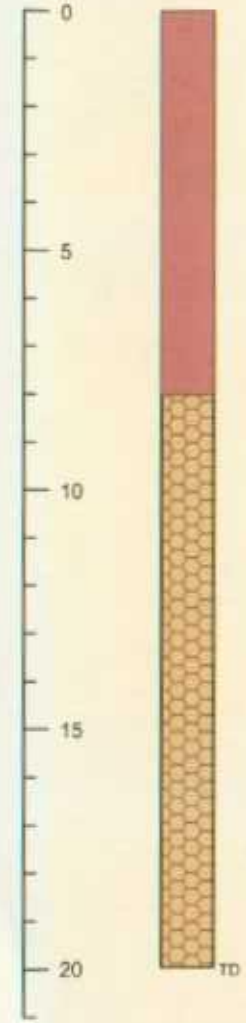
GeoProbe GP-4

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2079C	

GeoProbe GP-5



Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted with Caliche Nodules.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

GeoProbe GP-5

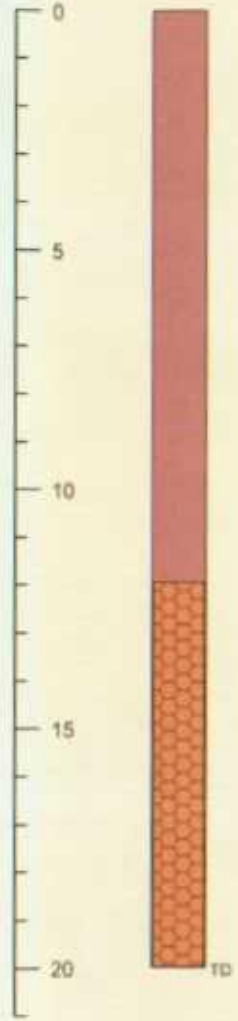
EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-6

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Notes
0					
		0.0	None	None	
5		0.0	None	None	
10		0.0	None	None	
15		0.0	None	None	
20	TD	0.0	None	None	



Legend

Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.

Sand (SP) - Tan to Red, Very Fine Grained, Well Sorted with Caliche Nodules.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 16 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

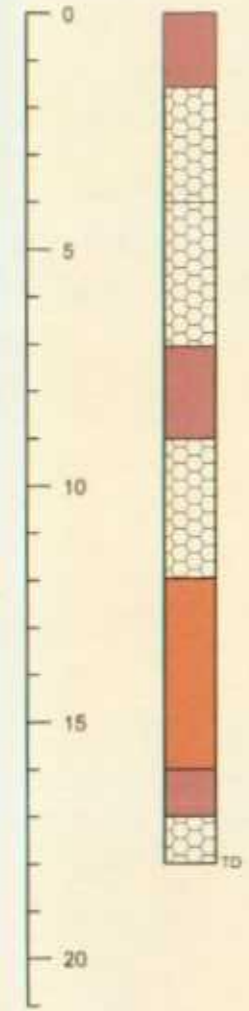
GeoProbe GP-6

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2076C	

GeoProbe GP-7



Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Caliche - White, Soft.
- Sand (SP) - Caliche, White.
- Sand (SP) - Red to Brown, Very Fine Grained, Well Sorted, Dry, Imbedded with Clay. Clay Layer at 15.5'-16'.

⬭ Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

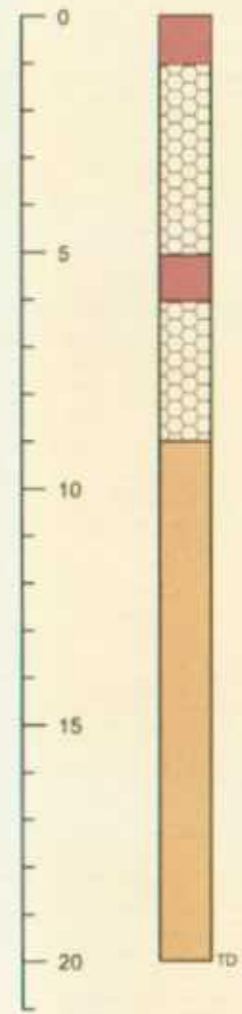
GeoProbe GP-7

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT207BC	

GeoProbe GP-8



PID Reading	Petroleum Odor	Petroleum Stain	Notes
0.0	None	None	
0.0	None	None	
0.0	None	None	
0.0	None	None	
0.0	None	None	

Legend

- Sand (SP) - Brown, Very Fine Grained, Well Sorted.
- Caliche - White, Soft.
- Sand (SP) - Light Brown, Very Fine Grained, Imbedded Clay Layer at 14' - 16'.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

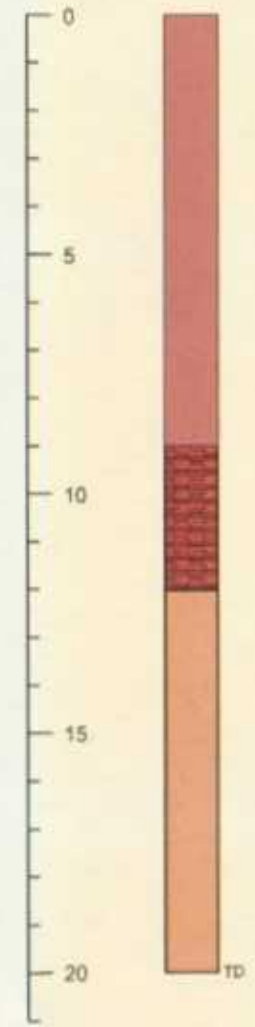
GeoProbe GP-8

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-9



Legend

- Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.
- Clay (CL) - Red, Firm with Caliche Nodules.
- Sand (SP) - Brown, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

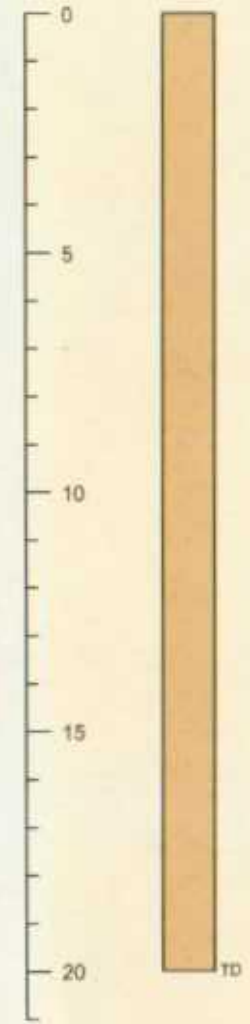
GeoProbe GP-9

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project # EOT2018C	

GeoProbe GP-10



Legend

Sand (SP) - Tan to Brown, Very Fine Grained, Well Sorted with Caliche Nodules at 8' to 10'.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

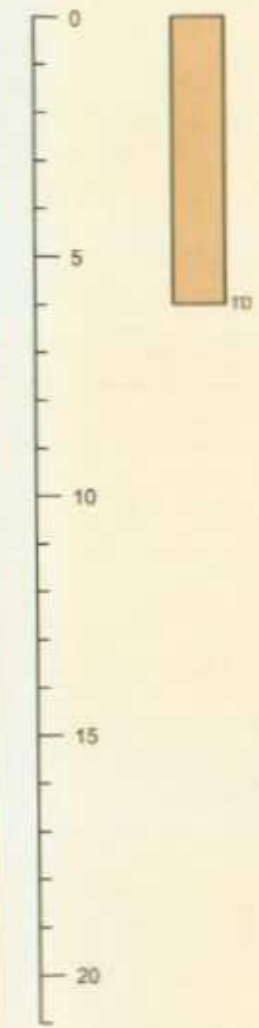
GeoProbe GP-10

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2018C	

GeoProbe GP-11



Legend

Sand (SP) - Brown, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

GeoProbe GP-11

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOTT2078C	

GeoProbe GP-12

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Notes
0					
		0.0	None	None	
5		0.0	None	None	
	TD				Refusal
10					
15					
20					

Legend

Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

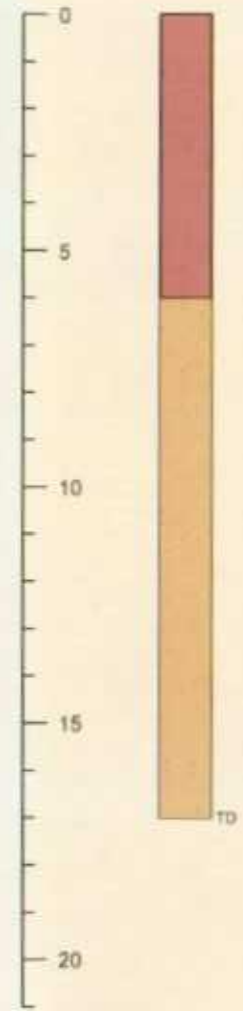
GeoProbe GP-12

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project # EOT2078C	

GeoProbe GP-13



Legend

- Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted.

⬭ Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

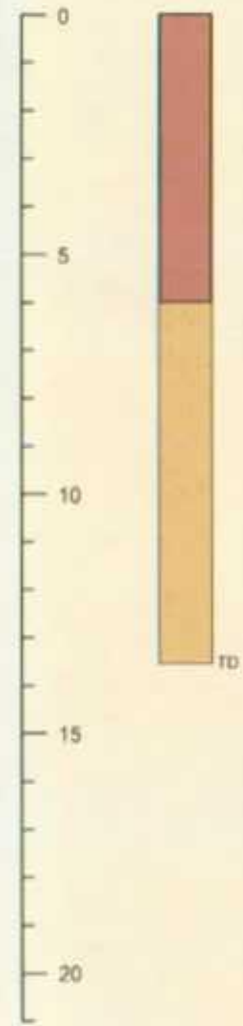
GeoProbe GP-13

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RB
November 1, 2002	ETGI Project # EOT2078C	

GeoProbe GP-14



Legend

- Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.
- Sand (SP) - Tan, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

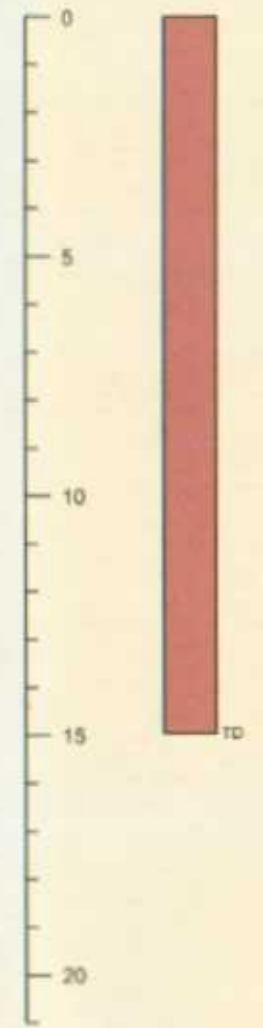
GeoProbe GP-14

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2018C	

GeoProbe GP-15



Legend

Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

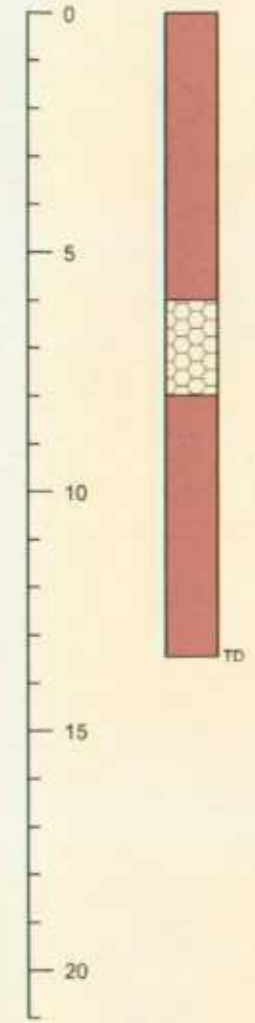
GeoProbe GP-15

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-16



Legend

- Sand (SP) - Brown to Tan, Very Fine Grained, Well Sorted.
- Caliche - White, Soft.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

GeoProbe GP-16

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

GeoProbe GP-17

Legend

Sand (SP) - Tan, Very Fine Grained, Well Sorted.

Indicates samples selected for Laboratory Analysis.

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

Date Drilled - 10 / 19 / 01

Notes: The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

The depths indicated are referenced from the ground surface.

Hole was plugged with bentonite.

Boring Log

GeoProbe GP-17

EOTT Energy Corp. Lea Station to Monument 6" Pipeline

Environmental Technology Group, Inc.

Scale: Use Scale	Prep By: JDJ	Checked By: RE
November 1, 2002	ETGI Project #: EOT2078C	

APPENDIX B

Laboratory Reports

FILE

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121100 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 1 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 08:43

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 1 0'-4'	**Report#/Lab ID#:** 121100 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	126	50-150	---
p-Terphenyl	8015 mod.	134	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121101 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 1 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 08:50

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]
TPH by GC (as diesel)	313	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	6.93	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** Monument 6" LEA EOT 2078C	**Report#/Lab ID#:** 121101
Attn: Camille Reynolds	**Sample Name:** GP 1 4'-8'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	131	50-150	---
p-Terphenyl	8015 mod.	123	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121102 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP I 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 08:56

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 1 8'-12'	**Report#/Lab ID#:** 121102 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	106	50-150	---
p-Terphenyl	8015 mod.	98.2	50-150	---

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

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121103 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 1 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:05

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 1 12'-16'	**Report#/Lab ID#:** 121103 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	113	50-150	---
p-Terphenyl	8015 mod.	114	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121104 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 1 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:11

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 1 16'-20'	**Report#/Lab ID#:** 121104 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	89.4	50-150	---
p-Terphenyl	8015 mod.	86	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121105 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 2 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:26

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

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Richard Laster

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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 2 0'-4'	**Report#/Lab ID#:** 121105 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	86.8	50-150	---
p-Terphenyl	8015 mod.	85.4	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121106 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 2 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:31

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 2 4'-8'	**Report#/Lab ID#:** 121106 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	72.8	50-150	---
p-Terphenyl	8015 mod.	70.5	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121107 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 2 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:44

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 2 8'-12'	**Report#/Lab ID#:** 121107 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	92.5	50-150	---
p-Terphenyl	8015 mod.	92.8	50-150	---

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

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121108 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 3 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 09:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/31/01	8015 mod.	---	17.3	82.4	95.2	113.5
TPH by GC (as diesel-ext)	---	---	---	---	10/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/26/01	8015 mod.	---	18.4	82.6	86.6	119

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 3 0'-4'	**Report#/Lab ID#:** 121108 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	117	50-150	---
p-Terphenyl	8015 mod.	124	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121109 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 3 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 3 4'-8'	**Report#/Lab ID#:** 121109 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	98.2	50-150	---
p-Terphenyl	8015 mod.	98.5	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121110 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 3 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 10:07

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 3 8'-12'	**Report#/Lab ID#:** 121110 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	76.2	50-150	---
p-Terphenyl	8015 mod.	81.6	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121111 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 3 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 3 12'-16'	**Report#/Lab ID#:** 121111 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	102	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121112 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 3 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 10:23

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 3 16'-20'	**Report#/Lab ID#:** 121112 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	88.6	50-150	---
p-Terphenyl	8015 mod.	99.9	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121113 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 4 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 10:38

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 4 0'-4'	**Report#/Lab ID#:** 121113 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	102	50-150	---
p-Terphenyl	8015 mod.	95.8	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121114 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 4 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 10:44

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 4 4'-8'	**Report#/Lab ID#:** 121114 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	96.7	50-150	---
p-Terphenyl	8015 mod.	97.4	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121115 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 4 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 10:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 4 8'-12'	**Report#/Lab ID#:** 121115 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	138	50-150	---
p-Terphenyl	8015 mod.	134	50-150	---

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

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121116 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 4 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 11:02

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 4 12'-16'	**Report#/Lab ID#:** 121116 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	121	50-150	---
p-Terphenyl	8015 mod.	119	50-150	---

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

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121117 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 4 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 11:11

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 4 16'-20'	**Report#/Lab ID#:** 121117 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	135	50-150	---
p-Terphenyl	8015 mod.	134	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121118 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 12:35

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 5 0'-4'	**Report#/Lab ID#:** 121118 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	147	50-150	---
p-Terphenyl	8015 mod.	136	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121119 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 5 4'-8'	**Report#/Lab ID#:** 121119 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	138	50-150	---
p-Terphenyl	8015 mod.	107	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121120 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 12:48

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 8'-12'

Report#/Lab ID#: 121120
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	126	50-150	---
p-Terphenyl	8015 mod.	101	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121121 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 12:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 5 12'-16'	**Report#/Lab ID#:** 121121 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	136	50-150	---
p-Terphenyl	8015 mod.	124	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121122 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 5 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 13:03

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 5 16'-20'	**Report#/Lab ID#:** 121122 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	113	50-150	---
p-Terphenyl	8015 mod.	105	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121123 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 6 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 6 0'-4'	**Report#/Lab ID#:** 121123 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	121	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121124 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 6 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 13:23

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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Respectfully Submitted,

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 6 4'-8'	**Report#/Lab ID#:** 121124 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	117	50-150	---
p-Terphenyl	8015 mod.	114	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121125 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 6 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 13:34

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

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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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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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 6 8'-12'	**Report#/Lab ID#:** 121125 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	68.2	50-150	---
p-Terphenyl	8015 mod.	89.8	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121126 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 6 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 13:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: *Environmental Tech Group* **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 6 12'-16'	**Report#/Lab ID#:** 121126 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	78.8	50-150	---
p-Terphenyl	8015 mod.	85.1	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121127 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 6 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/16/2001 **Time:** 13:49

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121128 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 7 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 07:40

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 7 0'-4'	**Report#/Lab ID#:** 121128 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	90.3	50-150	---
p-Terphenyl	8015 mod.	69.1	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121129 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 7 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 07:50

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 7 4'-8'	**Report#/Lab ID#:** 121129 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	75.4	50-150	---
p-Terphenyl	8015 mod.	75.2	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121130 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 7 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

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Respectfully Submitted,

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 7 8'-12'	**Report#/Lab ID#:** 121130 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.8	50-150	---
p-Terphenyl	8015 mod.	70.6	50-150	---

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

AnalySys inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121131 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 7 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 08:11

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 7 12'-16'	**Report#/Lab ID#:** 121131 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	90.2	50-150	---
p-Terphenyl	8015 mod.	74	50-150	---

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

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121132 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 7 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 08:20

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 7 16'-20'	**Report#/Lab ID#:** 121132 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	74	50-150	---
p-Terphenyl	8015 mod.	71.1	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121133 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 8 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 08:35

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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Richard Laster

Richard Laster

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ANALYSIS INC.

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

Client: Environmental Tech Group	**Project ID:** Monument 6" LEA EOT 2078C	**Report#/Lab ID#:** 121133
Attn: Camille Reynolds	**Sample Name:** GP 8 0'-4'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	106	50-150	---
p-Terphenyl	8015 mod.	72.4	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121134 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 8 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

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:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 8 4'-8'	**Report#/Lab ID#:** 121134 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	98.8	50-150	---
p-Terphenyl	8015 mod.	74.3	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121135 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 8 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 08:50

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 8 8'-12'	**Report#/Lab ID#:** 121135 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	101	50-150	---
p-Terphenyl	8015 mod.	86.1	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121136 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 8 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 8 12'-16'	**Report#/Lab ID#:** 121136 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	87	50-150	---
p-Terphenyl	8015 mod.	72	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121137 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 8 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 8 16'-20'	**Report#/Lab ID#:** 121137 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	80	50-150	---
p-Terphenyl	8015 mod.	62.1	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121138 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 09:40

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 9 0'-4'	**Report#/Lab ID#:** 121138 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	80.9	50-150	---
p-Terphenyl	8015 mod.	78.4	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121139 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 09:50

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 4'-8'

Report#/Lab ID#: 121139
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	109	50-150	---
p-Terphenyl	8015 mod.	85.4	50-150	---

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

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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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121140 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 9 8'-12'	**Report#/Lab ID#:** 121140 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	66.5	50-150	---
p-Terphenyl	8015 mod.	73.9	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121141 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 9 12'-16'	**Report#/Lab ID#:** 121141 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	87.3	50-150	---
p-Terphenyl	8015 mod.	86.6	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121142 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 9 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	1.9	96.1	83.5	120.4
TPH by GC (as diesel-ext)	---	---	---	---	10/29/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/29/01	8015 mod.	---	22.2	108.4	95.4	118.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 9 16'-20'	**Report#/Lab ID#:** 121142 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	115	50-150	---
p-Terphenyl	8015 mod.	107	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121143 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 10 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	7.28	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 10 0'-4'	**Report#/Lab ID#:** 121143 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	74	50-150	---
p-Terphenyl	8015 mod.	83.8	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121144 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 10 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 10:40

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 10 4'-8'	**Report#/Lab ID#:** 121144 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	74	50-150	---
p-Terphenyl	8015 mod.	69.8	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121145 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 10 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 10:50

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	**Project ID:** Monument 6" LEA EOT 2078C	**Report#/Lab ID#:** 121145
Attn: Camille Reynolds	**Sample Name:** GP 10 8'-12'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	90.3	50-150	---
p-Terphenyl	8015 mod.	71.2	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121146 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 10 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	2.3	114.9	81.1	121.8
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/30/01	8015 mod.	---	0	119.9	90	119.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 10 12'-16'	**Report#/Lab ID#:** 121146 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	69.2	50-150	---
p-Terphenyl	8015 mod.	74.3	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121147 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 10 16'-20'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 11:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 10 16'-20'	**Report#/Lab ID#:** 121147 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	77.6	50-150	---
p-Terphenyl	8015 mod.	83.8	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121148 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 11 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 11:25

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 11 0'-4'	**Report#/Lab ID#:** 121148 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	110	50-150	---
p-Terphenyl	8015 mod.	90.2	50-150	---

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

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121149 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 11 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 11:35

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 11 4'-8'	**Report#/Lab ID#:** 121149 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	66.4	50-150	---
p-Terphenyl	8015 mod.	68	50-150	---

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

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121150 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 12 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 11:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 12 0'-4'	**Report#/Lab ID#:** 121150 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	111	50-150	---
p-Terphenyl	8015 mod.	98.9	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121151 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 12 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	J	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 12 4'-8'	**Report#/Lab ID#:** 121151 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	56.8	50-150	---
p-Terphenyl	8015 mod.	52.3	50-150	---

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

Exceptions Report:

Report #/Lab ID#: 121151 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 12 4'-8'

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
TPH by GC (as diesel)	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121152 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	182	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	260	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	104	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	2140	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	6360	µg/Kg	1000	<1000	10/30/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	1390	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	1580	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 13 0'-4'	**Report#/Lab ID#:** 121152 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.9	50-150	---
p-Terphenyl	8015 mod.	89.3	50-150	---
1,2-Dichloroethane-d4	8260b	79.7	65-115	---
Toluene-d8	8260b	87.8	50-120	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121153 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	146	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	32.6	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	2.7	88.7	85	97.6
Ethylbenzene	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	95.5	96	95.7
m,p-Xylenes	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	84.2	83	83.5
o-Xylene	<20	µg/Kg	20	<20	10/30/01	8260b	---	5.6	98.7	95.1	95.9
Toluene	<20	µg/Kg	20	<20	10/30/01	8260b	---	6.9	88.5	85.8	102.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 13 4'-8'	**Report#/Lab ID#:** 121153 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	101	50-150	---
p-Terphenyl	8015 mod.	67.4	50-150	---
1,2-Dichloroethane-d4	8260b	71.7	65-115	---
Toluene-d8	8260b	86.5	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121153 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 4'-8'

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.

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121154 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	23	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	11.4	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	2.7	88.7	85	97.6
Ethylbenzene	22.7	µg/Kg	20	<20	10/30/01	8260b	---	4.3	95.5	96	95.7
m,p-Xylenes	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	84.2	83	83.5
o-Xylene	<20	µg/Kg	20	<20	10/30/01	8260b	J	5.6	98.7	95.1	95.9
Toluene	<20	µg/Kg	20	<20	10/30/01	8260b	---	6.9	88.5	85.8	102.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 13 8'-12'	**Report#/Lab ID#:** 121154 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	85.1	50-150	---
p-Terphenyl	8015 mod.	76.3	50-150	---
1,2-Dichloroethane-d4	8260b	85.2	65-115	---
Toluene-d8	8260b	84.7	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121154 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 8'-12'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121155 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 12'-16'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	10.8	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	4.73	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	2.7	88.7	85	97.6
Ethylbenzene	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	95.5	96	95.7
m,p-Xylenes	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	84.2	83	83.5
o-Xylene	<20	µg/Kg	20	<20	10/30/01	8260b	---	5.6	98.7	95.1	95.9
Toluene	<20	µg/Kg	20	<20	10/30/01	8260b	---	6.9	88.5	85.8	102.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 13 12'-16'	**Report#/Lab ID#:** 121155 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	*8015 mod.*	*88.1*	*50-150*	---
p-Terphenyl	8015 mod.	83.4	50-150	---
1,2-Dichloroethane-d4	8260b	88.5	65-115	---
Toluene-d8	8260b	102	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121155 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 13 12'-16'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

www.analysysinc.com ☐ 3512 Montopolis Dr., Austin, Texas 78744 ☐ (512) 385-5886 ☐ FAX: (512) 385-7411

Sample Analysis Case Narrative & Exceptions Report

Client: Environmental Tech Group **Project ID:** Monument 6" Lea (EOT 2078C)

Attn: Camille Reynolds

for Sample #'s 121100 thru 121170

Final Review Date: 11/6/01 By: Ricky Laster (R.J. Laster)

Sample for GP 13 @ 16-20' was not received in our laboratory for analysis.

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121157 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 13:50

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]
TPH by GC (as diesel)	598	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	697	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	178	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	3120	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	10500	µg/Kg	1000	<1000	10/30/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	2140	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	2490	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 14 0'-4'	**Report#/Lab ID#:** 121157 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	117	50-150	---
1,2-Dichloroethane-d4	8260b	68.5	65-115	---
Toluene-d8	8260b	76.7	50-120	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121158 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	719	mg/Kg	50	<50	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	1110	mg/Kg	50	<50	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	228	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	3150	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	9520	µg/Kg	1000	<1000	10/30/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	2370	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	2740	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 14 4'-8'	**Report#/Lab ID#:** 121158 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	78	65-115	---
Toluene-d8	8260b	89	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121158 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 4'-8'

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
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Nitrobenzene-d5	D	levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
p-Terphenyl	D	levels). Surrogate recoveries not accurately quantifiable.

Notes:

ANALYSYS Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121159 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	45	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	16.9	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	2.7	88.7	85	97.6
Ethylbenzene	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	95.5	96	95.7
m,p-Xylenes	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	84.2	83	83.5
o-Xylene	<20	µg/Kg	20	<20	10/30/01	8260b	---	5.6	98.7	95.1	95.9
Toluene	<20	µg/Kg	20	<20	10/30/01	8260b	---	6.9	88.5	85.8	102.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 14 8'-12'	**Report#/Lab ID#:** 121159 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	107	50-150	---
p-Terphenyl	8015 mod.	113	50-150	---
1,2-Dichloroethane-d4	8260b	78.4	65-115	---
Toluene-d8	8260b	93.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121159 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 8'-12'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121160 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 12'-16
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	2.7	88.7	85	97.6
Ethylbenzene	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	95.5	96	95.7
m,p-Xylenes	<20	µg/Kg	20	<20	10/30/01	8260b	J	4.3	84.2	83	83.5
o-Xylene	<20	µg/Kg	20	<20	10/30/01	8260b	---	5.6	98.7	95.1	95.9
Toluene	<20	µg/Kg	20	<20	10/30/01	8260b	---	6.9	88.5	85.8	102.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 14 12'-16	**Report#/Lab ID#:** 121160 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.8	50-150	---
p-Terphenyl	8015 mod.	89.8	50-150	---
1,2-Dichloroethane-d4	8260b	93.5	65-115	---
Toluene-d8	8260b	85.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121160 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 14 12'-16

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121161 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **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]
TPH by GC (as diesel)	3840	mg/Kg	500	<500	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	5420	mg/Kg	500	<500	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	257	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	3740	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	5540	µg/Kg	20	<20	10/31/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	2670	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	3660	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 15 0'-4'	**Report#/Lab ID#:** 121161 ***Sample Matrix:*** *soil*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 50X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	78.6	65-115	---
Toluene-d8	8260b	95.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121161 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 0'-4'

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
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Nitrobenzene-d5	D	levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
p-Terphenyl	D	levels). Surrogate recoveries not accurately quantifiable.

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121162 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 4'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 14:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	4360	mg/Kg	500	<500	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	5670	mg/Kg	500	<500	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	298	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	3590	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	4940	µg/Kg	20	<20	10/31/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	2920	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	3680	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 15 4'-8'	**Report#/Lab ID#:** 121162 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 50X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	75.7	65-115	---
Toluene-d8	8260b	80.5	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121162 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 4'-8'

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
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121163 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 14:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	3120	mg/Kg	500	<500	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	4850	mg/Kg	500	<500	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	339	µg/Kg	20	<20	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	4730	µg/Kg	20	<20	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	8430	µg/Kg	20	<20	10/31/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	2940	µg/Kg	20	<20	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	4480	µg/Kg	20	<20	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 15 8'-12'	**Report#/Lab ID#:** 121163 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 50X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	67.6	65-115	---
Toluene-d8	8260b	77.2	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121163 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 8'-12'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121164 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 12'-15
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 14:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	8400	mg/Kg	500	<500	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	12700	mg/Kg	500	<500	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/31/01	8260b	---	---	---	---	---
Benzene	898	µg/Kg	100	<100	10/31/01	8260b	---	6.7	92	94.1	89.9
Ethylbenzene	8570	µg/Kg	100	<100	10/31/01	8260b	---	6.7	104.5	108.1	101.1
m,p-Xylenes	20500	µg/Kg	100	<100	10/31/01	8260b	---	5.9	97.5	102	94.8
o-Xylene	4830	µg/Kg	100	<100	10/31/01	8260b	---	6.1	105.9	110.6	103.6
Toluene	8880	µg/Kg	100	<100	10/31/01	8260b	---	7.2	97.3	96.8	95

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 15 12'-15

Report#/Lab ID#: 121164
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 50X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	89.1	65-115	---
Toluene-d8	8260b	93.5	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121164 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: *Monument 6" LEA EOT 2078C*
Sample Name: GP 15 12'-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

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
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121165 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 16 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 15:30

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]
TPH by GC (as diesel)	322	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	190	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	J	16.8	70	88.1	82.6
Ethylbenzene	831	µg/Kg	20	<20	10/30/01	8260b	---	23.4	83	99.2	100.7
m,p-Xylenes	2400	µg/Kg	20	<20	10/30/01	8260b	---	23.1	72.5	93.8	94.6
o-Xylene	598	µg/Kg	20	<20	10/30/01	8260b	---	22.3	82.5	101.2	103.5
Toluene	445	µg/Kg	20	<20	10/30/01	8260b	---	16.9	73.9	91.4	88.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 16 0'-4'	**Report#/Lab ID#:** 121165 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	148	50-150	---
p-Terphenyl	8015 mod.	69.3	50-150	---
1,2-Dichloroethane-d4	8260b	76	65-115	---
Toluene-d8	8260b	88.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 121165 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 16 0'-4'

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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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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121166 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 16 4'-6'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 15:40

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]
TPH by GC (as diesel)	239	mg/Kg	5	<5	11/02/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	65.5	mg/Kg	5	<5	11/02/01	8015 mod.	---	16.3	109.6	87.6	113.9
Volatile organics-8260b/BTEX	---		---		10/30/01	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	10/30/01	8260b	---	16.8	70	88.1	82.6
Ethylbenzene	238	µg/Kg	20	<20	10/30/01	8260b	---	23.4	83	99.2	100.7
m,p-Xylenes	518	µg/Kg	20	<20	10/30/01	8260b	---	23.1	72.5	93.8	94.6
o-Xylene	187	µg/Kg	20	<20	10/30/01	8260b	---	22.3	82.5	101.2	103.5
Toluene	58.5	µg/Kg	20	<20	10/30/01	8260b	---	16.9	73.9	91.4	88.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 16 4'-6'	**Report#/Lab ID#:** 121166 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	87.4	50-150	---
p-Terphenyl	8015 mod.	120	50-150	---
1,2-Dichloroethane-d4	8260b	88.4	65-115	---
Toluene-d8	8260b	104	50-120	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121167 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 16 6'-8'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 15:40

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	0.4	107.3	96	118.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	16.3	109.6	87.6	113.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 16 6'-8'	**Report#/Lab ID#:** 121167 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	79.1	50-150	---
p-Terphenyl	8015 mod.	77.6	50-150	---

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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121168 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 16 8'-12'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 15:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	25.3	103.4	79.7	115.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	4.7	98.7	111.1	103.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 16 8'-12'	**Report#/Lab ID#:** 121168 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	105	50-150	---
p-Terphenyl	8015 mod.	97.3	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121169 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 17 0'-4'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 16:20

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	25.3	103.4	79.7	115.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	4.7	98.7	111.1	103.3

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 17 0'-4'	**Report#/Lab ID#:** 121169 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	89.5	50-150	---
p-Terphenyl	8015 mod.	84.2	50-150	---

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

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 121170 **Report Date:** 11/06/01
Project ID: Monument 6" LEA EOT 2078C
Sample Name: GP 17 4'-6'
Sample Matrix: soil
Date Received: 10/23/2001 **Time:** 11:36
Date Sampled: 10/19/2001 **Time:** 16:30

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	25.3	103.4	79.7	115.1
TPH by GC (as diesel-ext)	---	---	---	---	10/30/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	11/01/01	8015 mod.	---	4.7	98.7	111.1	103.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" LEA EOT 2078C **Sample Name:** GP 17 4'-6'	**Report#/Lab ID#:** 121170 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	94.4	50-150	---
p-Terphenyl	8015 mod.	83.1	50-150	---

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

106 8

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Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 6" LEA Sampler: Simon Casas
EOT 29878

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)	TPH 8015 DRO/GRO	Comments
GP 1 0'-4'	10/16/01	0843	1	X			121100	X	
GP 1 4'-8'		0850					121101		
GP 1 8'-12'		0856					121102		
GP 1 12'-16'		0905					121103		
GP 1 16'-20'		0911					121104		
GP 2 0'-4'		0926					121105		
GP 2 4'-8'		0931					121106		
GP 2 8'-12'		0944					121107		
GP 3 0'-4'		0955					121108		
GP 3 4'-8'		1000					121109		

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Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melanie Humphrey	ASI	10/23/01	11:36

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

COC: 168
2 of 8

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ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO# Monument 6" Line Sampler: Simon Casas
EOT 20078C

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)	TPH 8015 DRO/GRO	Comments
GP 3 8'-12'	10-16-01	1007	1	X			121110	X	
GP 3 12'-16'		1015					121111		
GP 3 16'-20'		1023					121112		
GP 4 0'-4'		1038					121113		
GP 4 4'-8'		1044					121114		
GP 4 8'-12'		1055					121115		
GP 4 12'-16'		1102					121116		
GP 4 16'-20'		1111					121117		
GP 5 0'-4'		1235					121118		
GP 5 4'-8'		1240					121119		

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Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melania Humphrey	ASI	10/23/01	1136

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Company Name EOTT
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City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 6" LGA Sampler: Simon Casas
EOT 2078C

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)	TPH 8015 DRO/GRO	Comments
GP 5 8'-12'	10-16-01	1248	1	X			121120	X	
GP 5 12'-16'		1255					121121		
GP 5 16'-20'		1303					121122		
GP 6 0'-4'		1315					121123		
GP 6 4'-8'		1323					121124		
GP 6 8'-12'		1334					121125		
GP 6 12'-16'		1340					121126		
GP 6 16'-20'	↓	1349					121127		
GP 7 0'-4'	10-17-01	0740	↓	↓			121128		
GP 7 4'-8'	↓	0750					121129	↓	

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Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melanie Humphrey	ASI	10/23/01	1156

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Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 6" LEG EOT 2078C 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)	TPH 8015 DRO/GRO	Comments
GP 7 8'-12'	10-19-01	0800	1	X			121130	X	
GP 7 12'-16'		0811					121131		
GP 7 16'-20'		0820					121132		
GP 8 0'-4'		0835					121133		
GP 8 4'-8'		0845					121134		
GP 8 8'-12'		0850					121135		
GP 8 12'-16'		0915					121136		
GP 8 16'-20'		0930					121137		
GP 9 0'-4'		0940					121138		
GP 9 4'-8'		0950					121139		

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TEMP 0.0 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melanie Humphrey	ASI	10/23/01	1136

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Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 6" LOA EOT 2078 C 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)	TPH 8015 GRO/DRO	Comments
GP 9 8'-12'	10-19-01	1000	1	X			121140	X	
GP 9 12'-16'		1005					121141		
GP 9 16'-20'		1015					121142		
GP 10 0'-4'		1035					121143		
GP 10 4'-8'		1040					121144		
GP 10 8'-12'		1050					121145		
GP 10 12'-16'		1100					121146		
GP 10 16'-20'		1105					121147		
GP 11 0'-4'		1125					121148		
GP 11 4'-8'		1135					121149		

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Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melanie Humphrey	ASI	10/23/01	11:36

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Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Monument 6" Lea Sampler: Simon Casas
EOT 2078C

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)	TPH 8015 DRO/GRO	BTEX 8021B	Comments
GP 12 0'-4'	10-19-01	1150	1	X			121150	X		
GP 12 4'-8'		1200					121151			
GP 13 0'-4'		1305					121152		X	
GP 13 4'-8'		1310					121153			
GP 13 8'-12'		1320					121154			
GP 13 12'-16'		1330					121155			
GP 13 16'-20'		1335					~~121156~~			
GP 14 0'-4'		1350					121157			
GP 14 4'-8'		1400					121158			
GP 14 8-12		1410					121159			

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Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10/22/01	1200	Melanie Humphrey	ASI	10/23/01	11:36

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

COC #106

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Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO# Monument 6" Leak EOT 24878 C 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)	TPH 8015 DRO/GRO	BTEX 8021 B	Comments
GP 14 12'-16	10-19-01	1415	1	X			121160	X	X	
GP 15 0'-4'		1430					121161			
GP 15 4'-8'		1436					121162			
GP 15 8'-12'		1445					121163			
GP 15 12'-15		1455					121164			
GP 16 0'-4'		1530					121165			
GP 16 4'-6'		1540					121166			
GP 16 6'-8'		1540					121167			
GP 16 8'-12'	↓	1555	↓	↓			121168	↓		

(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		10/22/01	1200	Miami Humphrey	ASI	10/23/01	1136

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

8018

CHAIN-OF-CUSTODY

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

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: CAMILLE REYNOLDS
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#: Monument 6" Leg EOT 2078C 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)	TPH 8015 DRO GRO	Comments
GP 17 0-4'	10/19/01	1620	1	X			121169	X	
GP 17 4'-6'	↓	1630	1	X			121170	X	

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

Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		10-22-01	1200	Melanie Humphrey	ASI	10/23/01	1136

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

FILE

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#: 128662 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-1 (23-25')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/18/2002 **Time:** 16:10

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/29/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/29/02	8260b	---	4.1	107.3	117.9	118.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS inc.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-1 (23-25')	**Report#/Lab ID#:** 128662 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	106	50-150	---
p-Terphenyl	8015 mod.	80.8	50-150	---
1,2-Dichloroethane-d4	8260b	75.8	65-115	---
Toluene-d8	8260b	69.8	50-120	---

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

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(512) 444-5896 • FAX (512) 447-4766

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

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

Report#/Lab ID#: 128663 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-1 (33-35')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/18/2002 **Time:** 16:25

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	96.8	99.6	100.9
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	3.3	93.2	96.3	94.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.9	96.9	101.6	99.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.3	89.8	94.5	93.4
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	J	0.4	106.7	113	112.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-1 (33-35')	**Report#/Lab ID#:** 128663 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	111	50-150	---
p-Terphenyl	8015 mod.	80.9	50-150	---
1,2-Dichloroethane-d4	8260b	74.3	65-115	---
Toluene-d8	8260b	72.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 128663 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2078C Lea Station
Sample Name: MW-1 (33-35')

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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(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#: 128664 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-2 (18-20')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/29/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/29/02	8260b	---	4.1	107.3	117.9	118.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-2 (18-20')	**Report#/Lab ID#:** 128664 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.7	50-150	---
p-Terphenyl	8015 mod.	78.2	50-150	---
1,2-Dichloroethane-d4	8260b	73.1	65-115	---
Toluene-d8	8260b	73.5	50-120	---

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

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(512) 444-5896 • FAX (512) 447-4766

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

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

Report#/Lab ID#: 128665 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-2 (28-30')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **Time:** 09:21

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/29/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/29/02	8260b	---	4.1	107.3	117.9	118.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-2 (28-30')	**Report#/Lab ID#:** 128665 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	104	50-150	---
p-Terphenyl	8015 mod.	75.3	50-150	---
1,2-Dichloroethane-d4	8260b	71.4	65-115	---
Toluene-d8	8260b	71.5	50-120	---

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#: 128666 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-3 (33-35')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **Time:** 11:18

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/29/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/29/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/29/02	8260b	---	4.1	107.3	117.9	118.1

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ANALYSIS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2078C Lea Station
Sample Name: MW-3 (33-35')

Report#/Lab ID#: 128666
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	86	50-150	---
1,2-Dichloroethane-d4	8260b	73.9	65-115	---
Toluene-d8	8260b	76.6	50-120	---

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

ANALYSYS Inc.

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

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

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

Report#/Lab ID#: 128667 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-3 (38-40')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **Time:** 11:25

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]
TPH by GC (as diesel)	21.3	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	J	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	25.9	µg/Kg	20	<20	04/30/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	---	4.1	107.3	117.9	118.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-3 (38-40')	**Report#/Lab ID#:** 128667 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	103	50-150	---
p-Terphenyl	8015 mod.	102	50-150	---
1,2-Dichloroethane-d4	8260b	82.6	65-115	---
Toluene-d8	8260b	77.8	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 128667 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2078C Lea Station
Sample Name: MW-3 (38-40')

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
TPH by GC (as gasoline)	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#: 128668 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-4 (18-20')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **Time:** 13:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	---	4.1	107.3	117.9	118.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-4 (18-20')	**Report#/Lab ID#:** 128668 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	88	50-150	---
1,2-Dichloroethane-d4	8260b	75.4	65-115	---
Toluene-d8	8260b	76.2	50-120	---

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#: 128669 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-4 (33-35')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/19/2002 **Time:** 14:11

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	---	4.1	107.3	117.9	118.1

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Respectfully Submitted,

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-4 (33-35')	**Report#/Lab ID#:** 128669 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	110	50-150	---
p-Terphenyl	8015 mod.	83.3	50-150	---
1,2-Dichloroethane-d4	8260b	81.6	65-115	---
Toluene-d8	8260b	76.8	50-120	---

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#: 128670 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-5 (33-35')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/22/2002 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	---	4.1	107.3	117.9	118.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-5 (33-35')	**Report#/Lab ID#:** 128670 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	105	50-150	---
p-Terphenyl	8015 mod.	75.9	50-150	---
1,2-Dichloroethane-d4	8260b	72.9	65-115	---
Toluene-d8	8260b	73.3	50-120	---

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#: 128671 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-5 (38-40')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/22/2002 **Time:** 09:50

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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	J	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	J	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		04/30/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	2.2	98.1	104.4	107.3
Ethylbenzene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.4	89.9	95.3	98.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.7	95	101.6	104.7
o-Xylene	<20	µg/Kg	20	<20	04/30/02	8260b	---	0.1	89	95.2	97.8
Toluene	<20	µg/Kg	20	<20	04/30/02	8260b	---	4.1	107.3	117.9	118.1

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Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-5 (38-40')	**Report#/Lab ID#:** 128671 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	116	50-150	---
p-Terphenyl	8015 mod.	110	50-150	---
1,2-Dichloroethane-d4	8260b	76.1	65-115	---
Toluene-d8	8260b	75.7	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 128671 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2078C Lea Station
Sample Name: MW-5 (38-40')

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
TPH by GC (as diesel)	J	See J-flag discussion above.
TPH by GC (as gasoline)	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#: 128672 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-6 (23-25')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/22/2002 **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]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		05/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/01/02	8260b	---	11.9	116.2	106	101.3
Ethylbenzene	<20	µg/Kg	20	<20	05/01/02	8260b	---	1.6	88.8	94.5	91.2
m,p-Xylenes	<20	µg/Kg	20	<20	05/01/02	8260b	---	2.6	94.3	100.5	96.7
o-Xylene	<20	µg/Kg	20	<20	05/01/02	8260b	---	1.6	87.8	93.2	90.5
Toluene	<20	µg/Kg	20	<20	05/01/02	8260b	J	10	127.7	116.6	113.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-6 (23-25')	**Report#/Lab ID#:** 128672 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.1	50-150	---
p-Terphenyl	8015 mod.	68.7	50-150	---
1,2-Dichloroethane-d4	8260b	76.8	65-115	---
Toluene-d8	8260b	72.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 128672 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2078C Lea Station
Sample Name: MW-6 (23-25')

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

☒ 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.

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

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

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

Report#/Lab ID#: 128673 **Report Date:** 05/01/02
Project ID: EOT 2078C Lea Station
Sample Name: MW-6 (33-35')
Sample Matrix: soil
Date Received: 04/26/2002 **Time:** 10:30
Date Sampled: 04/22/2002 **Time:** 13:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	9.2	108.7	87.1	108.9
TPH by GC (as diesel-ext)	---	---	---	---	04/29/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	04/29/02	8015 mod.	---	5	99.7	76.6	101
Volatile organics-8260b/BTEX	---		---		05/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/01/02	8260b	---	11.9	116.2	106	101.3
Ethylbenzene	<20	µg/Kg	20	<20	05/01/02	8260b	---	1.6	88.8	94.5	91.2
m,p-Xylenes	<20	µg/Kg	20	<20	05/01/02	8260b	---	2.6	94.3	100.5	96.7
o-Xylene	<20	µg/Kg	20	<20	05/01/02	8260b	---	1.6	87.8	93.2	90.5
Toluene	<20	µg/Kg	20	<20	05/01/02	8260b	J	10	127.7	116.6	113.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2078C Lea Station **Sample Name:** MW-6 (33-35')	**Report#/Lab ID#:** 128673 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	96.5	50-150	---
p-Terphenyl	8015 mod.	92.4	50-150	---
1,2-Dichloroethane-d4	8260b	74.8	65-115	---
Toluene-d8	8260b	76.5	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 128673 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2078C Lea Station
Sample Name: MW-6 (33-35')

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: _____

C.O.C. #053 (1 of 2)

CHAIN-OF-CUSTODY

ANALYSYS INC.
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Address 2540 W MARLAND
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ATTN: KEN DUTTON
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#: EOT 2078C Sampler: ROBERT EIDSON
LEA STATION TO MONUMENT 6 INCH PIPELINE SITE

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)	TPH (8015M) GRO/DRO	BTEX (8260B)							Comments
MW-1 (23-25')	4/18/02	16:10	1	X			128662	X	X							STANDARD T.A.T.
MW-1 (33-35')	4/18/02	16:25	1	X			128663	X	X							
MW-2 (18-20')	4/19/02	09:00	1	X			128664	X	X							
MW-2 (28-30')	4/19/02	09:21	1	X			128665	X	X							
MW-3 (33-35')	4/19/02	11:18	1	X			128666	X	X							
MW-3 (38-40')	4/19/02	11:25	1	X			128667	X	X							
MW-4 (18-20')	4/19/02	13:55 18:20	1	X			128668	X	X							
MW-4 (33-35')	4/19/02	14:11	1	X			128669	X	X							
MW-5 (33-35')	4/22/02	09:45	1	X			128670	X	X							
MW-5 (38-40')	4/22/02	09:50	1	X			128671	X	X							

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

Temp: 0.0 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
	E.T.G.I.	4/25/02	14:00	Melanie Humphrey	ASI	4/26/02	10:30

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

C.O.C. # 053 (2 of 2)

CHAIN-OF-CUSTODY

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

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Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4582 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EOT 2078C Sampler: ROBERT EIDSON
LEA STATION TO MONUMENT 6 INCH PIPELINE SUTA

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)	TPH (8015M (GRO/DRO))	BTEX (8260B)	Comments
MW-6 (23-25')	4/22/02	12:40	1	X			128672	X	X	STANDARD T.A.T.
MW-6 (33-35')	4/22/02	13:20	1	X			128673	X	X	STANDARD T.A.T.

(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
	E.T.G.I.	4/25/02	14:00	Melanie Humphrey	ASI	4/26/02	10:30

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

FILE

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128977 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **Time:** 11:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1550	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	19.7	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	J	1.35	106.75	104.4	109.5
Barium/ICP	1.72	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	J	1.29	100.41	100	102.9
Boron/ICP	0.783	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	218	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	0.0458	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	2.78	104.55	103.1	106.98
Copper/ICP	0.0362	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.01	108.71	100.36	110.35
Iron/ICP	13.5	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	53.2	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.497	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	0.0006	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

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: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 1

Report#/Lab ID#: 128977
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	0.0429	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.45	104	104.4	106.55
Potassium/AA*filtered	6.66	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	212	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	4.58	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.0826	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	0.0321	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	360	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	396	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	217	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/09/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.3	103.1	100.2	103.8
Ethylbenzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.4	88.2	87.3	90.5
m,p-Xylenes	<1	µg/L	1	<1	05/07/02	8260b	---	3.6	95.8	96	98
o-Xylene	<1	µg/L	1	<1	05/07/02	8260b	---	3.8	86.4	83.9	89
Toluene	<1	µg/L	1	<1	05/07/02	8260b	---	4.2	117.1	109.4	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	J	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	J	0	29.4	89.3	32.5

ANALYSYS Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 1

Report#/Lab ID#: 128977
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	J	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/09/02	8270c	J	0.2	38.5	84.4	38.9

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 1	**Report#/Lab ID#:** 128977 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.3	80-120	---
Toluene-d8	8260b	91	88-110	---
2-Fluorobiphenyl	8270c	53.4	43-116	---
Nitrobenzene-d5	8270c	42.1	35-114	---
Terphenyl-d14	8270c	41	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128977 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 1

Sample Temperature/Condition <=6°C

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes: _____

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128978 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 2
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1530	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	3.89	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	0.0607	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	1.35	106.75	104.4	109.5
Barium/ICP	0.409	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	---	1.29	100.41	100	102.9
Boron/ICP	0.725	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	186	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	0.0143	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	2.78	104.55	103.1	106.98
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.01	108.71	100.36	110.35
Iron/ICP	2.24	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	54.8	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.305	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	0.0004	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 2

Report#/Lab ID#: 128978
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	1.45	104	104.4	106.55
Potassium/AA*filtered	6.62	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	197	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	4.82	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.0482	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	J	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	380	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	374	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	200	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.3	103.1	100.2	103.8
Ethylbenzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.4	88.2	87.3	90.5
m,p-Xylenes	<1	µg/L	1	<1	05/07/02	8260b	---	3.6	95.8	96	98
o-Xylene	<1	µg/L	1	<1	05/07/02	8260b	---	3.8	86.4	83.9	89
Toluene	<1	µg/L	1	<1	05/07/02	8260b	---	4.2	117.1	109.4	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

ANALYSIS inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 2

Report#/Lab ID#: 128978
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 2	**Report#/Lab ID#:** 128978 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.5	80-120	---
Toluene-d8	8260b	91.2	88-110	---
2-Fluorobiphenyl	8270c	49.7	43-116	---
Nitrobenzene-d5	8270c	42.7	35-114	---
Terphenyl-d14	8270c	54.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128978 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 2

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
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Acenaphthene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes: _____

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128979 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **Time:** 10:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1390	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	81.4	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	0.0526	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	1.35	106.75	104.4	109.5
Barium/ICP	2.03	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	J	1.29	100.41	100	102.9
Boron/ICP	0.725	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	0.272	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	165	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	0.0901	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	2.78	104.55	103.1	106.98
Copper/ICP	0.0457	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.01	108.71	100.36	110.35
Iron/ICP	39.8	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	0.0279	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	50.9	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.869	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 3

Report#/Lab ID#: 128979
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	0.0608	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.45	104	104.4	106.55
Potassium/AA*filtered	5.53	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	193	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	5.48	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.29	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	0.0988	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	340	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	391	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	151	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/07/02	8260b	J	3.3	103.1	100.2	103.8
Ethylbenzene	<1	µg/L	1	<1	05/07/02	8260b	J	3.4	88.2	87.3	90.5
m,p-Xylenes	8.09	µg/L	1	<1	05/07/02	8260b	---	3.6	95.8	96	98
o-Xylene	3.47	µg/L	1	<1	05/07/02	8260b	---	3.8	86.4	83.9	89
Toluene	2.06	µg/L	1	<1	05/07/02	8260b	---	4.2	117.1	109.4	117.9
Acenaphthene	0.116	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	0.528	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 3

Report#/Lab ID#: 128979
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	2.4	33.7	96.8	35.3
Phenanthrene	0.515	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 3	**Report#/Lab ID#:** 128979 **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	88.1	88-110	---
2-Fluorobiphenyl	8270c	48.5	43-116	---
Nitrobenzene-d5	8270c	35.7	35-114	---
Terphenyl-d14	8270c	50.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128979 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
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
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes: _____

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128980 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 4
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1480	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	4.41	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	1.35	106.75	104.4	109.5
Barium/ICP	0.25	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	---	1.29	100.41	100	102.9
Boron/ICP	0.764	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	0.0086	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	157	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	J	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	2.78	104.55	103.1	106.98
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.01	108.71	100.36	110.35
Iron/ICP	2.58	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	48.9	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.294	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 4

Report#/Lab ID#: 128980
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	1.45	104	104.4	106.55
Potassium/AA*filtered	6.49	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	201	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	3.57	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.041	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	J	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	370	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	415	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	170	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.3	103.1	100.2	103.8
Ethylbenzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.4	88.2	87.3	90.5
m,p-Xylenes	<1	µg/L	1	<1	05/07/02	8260b	---	3.6	95.8	96	98
o-Xylene	<1	µg/L	1	<1	05/07/02	8260b	---	3.8	86.4	83.9	89
Toluene	<1	µg/L	1	<1	05/07/02	8260b	---	4.2	117.1	109.4	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 4

Report#/Lab ID#: 128980
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 4	**Report#/Lab ID#:** 128980 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	---
Toluene-d8	8260b	88.4	88-110	---
2-Fluorobiphenyl	8270c	48.1	43-116	---
Nitrobenzene-d5	8270c	41	35-114	---
Terphenyl-d14	8270c	49.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128980 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 4

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
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128981 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 5
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1580	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	11.6	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	1.35	106.75	104.4	109.5
Barium/ICP	0.59	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	---	1.29	100.41	100	102.9
Boron/ICP	0.725	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	0.106	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	184	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	0.0255	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	2.78	104.55	103.1	106.98
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	1.01	108.71	100.36	110.35
Iron/ICP	7.31	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	53.6	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.634	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 5

Report#/Lab ID#: 128981
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	1.45	104	104.4	106.55
Potassium/AA*filtered	6.16	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	185	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	3.67	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.0579	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	0.0151	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	430	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	365	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	183	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/09/02	8260b	---	---	---	---	---
Benzene	24.1	µg/L	1	<1	05/09/02	8260b	---	0.5	101.7	108.2	105.2
Ethylbenzene	20.5	µg/L	1	<1	05/09/02	8260b	---	1.6	87.5	89.6	93
m,p-Xylenes	61	µg/L	1	<1	05/09/02	8260b	---	2.3	93.8	96.6	98.2
o-Xylene	12.3	µg/L	1	<1	05/09/02	8260b	---	1.3	85.8	87.8	91.2
Toluene	39	µg/L	1	<1	05/09/02	8260b	---	0	114.6	118.2	119.5
Acenaphthene	0.137	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	0.106	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	0.712	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5

ANALYSYS Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 5

Report#/Lab ID#: 128981
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	4.75	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	0.627	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9

ANALYSIS INC.

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 5	**Report#/Lab ID#:** 128981 **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	88.1	88-110	---
2-Fluorobiphenyl	8270c	49.3	43-116	---
Nitrobenzene-d5	8270c	45.4	35-114	---
Terphenyl-d14	8270c	43.4	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128981 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 5

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 128982 **Report Date:** 05/15/02
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 6
Sample Matrix: water
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/02/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/06/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/03/02	3005a	---	---	---	---	---
Total dissolved solids	1550	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	3.27	mg/L	0.2	<0.2	05/03/02	6010 & 200.7	---	1.49	114.69	101.6	118.5
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	1.35	106.75	104.4	109.5
Barium/ICP	0.281	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.69	101.28	98.38	102.13
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/03/02	6010 & 200.7	---	1.29	100.41	100	102.9
Boron/ICP	0.705	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.49	103.44	102.1	104.4
Cadmium/ICP	0.0078	mg/L	0.005	<0.005	05/03/02	6010 & 200.7	---	4.92	101.08	102.24	103.63
Calcium/ICP*filtered	172	mg/L	10	<10	05/03/02	6010 & 200.7	---	0.74	108.64	100.42	89.5
Chromium/ICP	0.0119	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.83	96.26	102.7	103.61
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	2.78	104.55	103.1	106.98
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	1.01	108.71	100.36	110.35
Iron/ICP	1.89	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.29	97.8	104.16	108.35
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.19	106.24	104.44	108.95
Magnesium/ICP*filtered	51.3	mg/L	5	<5	05/03/02	6010 & 200.7	---	0.51	106.09	102.44	21.11
Manganese/ICP	0.367	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	---	0.43	108.9	104.58	110.95
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	0.32	104.03	101.3	106.66

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 6

Report#/Lab ID#: 128982
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	J	1.45	104	104.4	106.55
Potassium/AA*filtered	6.78	mg/L	0.5	<0.5	05/06/02	258.1&7610	---	1.99	91.18	92.96	96.64
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	2.75	101.99	101.36	105.45
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/13/02	272.2&7761	---	6.78	111.93	82.5	96
Sodium/ICP*filtered	171	mg/L	50	<50	05/03/02	6010 & 200.7	---	0.5	102.59	102.72	172.08
Strontium/ICP	3.24	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.37	108.77	104.84	109.55
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/03/02	6010 & 200.7	---	0.55	100.35	98.44	102.8
Vanadium/ICP	0.0228	mg/L	0.02	<0.02	05/03/02	6010 & 200.7	---	0.2	91.02	99.64	106.25
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/03/02	6010 & 200.7	J	2.28	105.9	104.3	108.68
Alkalinity, bicarbonate	390	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/07/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	391	mg/L	2.5	<2.5	05/06/02	325.2&9251	---	1.24	106.08	106.38	96.07
Sulfate	180	mg/L	5	<5	05/08/02	375.4&9038	---	1.66	104.01	94.59	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/07/02	8260b	---	---	---	---	---
Benzene	2.3	µg/L	1	<1	05/07/02	8260b	---	3.3	103.1	100.2	103.8
Ethylbenzene	<1	µg/L	1	<1	05/07/02	8260b	---	3.4	88.2	87.3	90.5
m,p-Xylenes	<1	µg/L	1	<1	05/07/02	8260b	J	3.6	95.8	96	98
o-Xylene	<1	µg/L	1	<1	05/07/02	8260b	---	3.8	86.4	83.9	89
Toluene	<1	µg/L	1	<1	05/07/02	8260b	---	4.2	117.1	109.4	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 6

Report#/Lab ID#: 128982
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	0.133	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	0.163	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Monument 6" to Lea Station EOT 2078C **Sample Name:** MW 6	**Report#/Lab ID#:** 128982 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	80-120	---
Toluene-d8	8260b	88.7	88-110	---
2-Fluorobiphenyl	8270c	52.8	43-116	---
Nitrobenzene-d5	8270c	43.5	35-114	---
Terphenyl-d14	8270c	47.3	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 128982 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Monument 6" to Lea Station EOT 2078C
Sample Name: MW 6

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
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
Acenaphthene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.

Notes:

COC #057 2305

CHAIN-OF-CUSTODY

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4221 Freidrich Lane, Suite 190, Austin, TX 78744
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Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: CAMILLE REYNOLDS
Phone (505) 397-4882 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO# EOT 2078C Sampler: Simon Casas
MONUMENT 6" TO EA STATION

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	TDS 160.1	PAH 8100	CATIONS 6010	Heavy Metals 6010	ANIONS 300.0			Comments
MW 1	5-2-02	1105	6		X		128977	X	X	X	X	X	X			
MW 2		1130					128978									
MW 3		1025					128979									
MW 4		0900					128980									
MW 5		0930					128981									
MW 6		1000					128982									

(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	5-2-02	1200	[illegible]	[illegible] ASI	5/3/02	1000

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

ANALYSYS INC.

3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

FILE

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#: 133722 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 1
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/20/02	8260b	---	1.4	99.3	114.3	97.7
Ethylbenzene	<1	µg/L	1	<1	09/20/02	8260b	---	1	103.1	105.7	89.3
m,p-Xylenes	<1	µg/L	1	<1	09/20/02	8260b	---	1.6	97.4	99.6	90.7
o-Xylene	<1	µg/L	1	<1	09/20/02	8260b	---	1	97	100.3	97.7
Toluene	<1	µg/L	1	<1	09/20/02	8260b	---	5	102.1	118.2	107

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 6" to Lea **Sample Name:** MW 1	**Report#/Lab ID#:** 133722 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.6	80-120	---
Toluene-d8	8260b	98.3	88-110	---

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

ANALYSYS INC.

3512 Montopolis Dr., Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

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#: 133723 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 2
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 13:25

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/20/02	8260b	J	1.4	99.3	114.3	97.7
Ethylbenzene	<1	µg/L	1	<1	09/20/02	8260b	---	1	103.1	105.7	89.3
m,p-Xylenes	<1	µg/L	1	<1	09/20/02	8260b	J	1.6	97.4	99.6	90.7
o-Xylene	<1	µg/L	1	<1	09/20/02	8260b	---	1	97	100.3	97.7
Toluene	<1	µg/L	1	<1	09/20/02	8260b	---	5	102.1	118.2	107

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Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 6" to Lea **Sample Name:** MW 2	**Report#/Lab ID#:** 133723 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	116	80-120	---
Toluene-d8	8260b	98.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 133723 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Monument 6" to Lea
Sample Name: MW 2

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: _____

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#: 133724 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 14:13

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	2.12	µg/L	1	<1	09/20/02	8260b	---	21.9	126.1	102.9	101
Ethylbenzene	1.21	µg/L	1	<1	09/20/02	8260b	---	10.9	102.1	92.8	90.4
m,p-Xylenes	2.7	µg/L	1	<1	09/20/02	8260b	---	7	102.7	92.8	90.5
o-Xylene	1.1	µg/L	1	<1	09/20/02	8260b	---	1.8	109.1	97	97.3
Toluene	1.4	µg/L	1	<1	09/20/02	8260b	---	20.7	128.6	107.3	102.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

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Client: Environmental Tech Group	**Project ID:** Monument 6" to Lea	**Report#/Lab ID#:** 133724
Attn: Ken Dutton	**Sample Name:** MW 3	**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	101	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#: 133725 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 4
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 13:50

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/20/02	8260b	---	21.9	126.1	102.9	101
Ethylbenzene	<1	µg/L	1	<1	09/20/02	8260b	---	10.9	102.1	92.8	90.4
m,p-Xylenes	<1	µg/L	1	<1	09/20/02	8260b	---	7	102.7	92.8	90.5
o-Xylene	<1	µg/L	1	<1	09/20/02	8260b	---	1.8	109.1	97	97.3
Toluene	<1	µg/L	1	<1	09/20/02	8260b	---	20.7	128.6	107.3	102.3

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 6" to Lea **Sample Name:** MW 4	**Report#/Lab ID#:** 133725 **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	101	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#: 133726 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 5
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 15:00

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	5.34	µg/L	1	<1	09/20/02	8260b	---	21.9	126.1	102.9	101
Ethylbenzene	2.56	µg/L	1	<1	09/20/02	8260b	---	10.9	102.1	92.8	90.4
m,p-Xylenes	5.76	µg/L	1	<1	09/20/02	8260b	---	7	102.7	92.8	90.5
o-Xylene	1.25	µg/L	1	<1	09/20/02	8260b	---	1.8	109.1	97	97.3
Toluene	2.47	µg/L	1	<1	09/20/02	8260b	---	20.7	128.6	107.3	102.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 6" to Lea **Sample Name:** MW 5	**Report#/Lab ID#:** 133726 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.2	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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#: 133727 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: MW 6
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 14:35

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	1.11	µg/L	1	<1	09/20/02	8260b	---	21.9	126.1	102.9	101
Ethylbenzene	<1	µg/L	1	<1	09/20/02	8260b	---	10.9	102.1	92.8	90.4
m,p-Xylenes	<1	µg/L	1	<1	09/20/02	8260b	---	7	102.7	92.8	90.5
o-Xylene	<1	µg/L	1	<1	09/20/02	8260b	---	1.8	109.1	97	97.3
Toluene	<1	µg/L	1	<1	09/20/02	8260b	---	20.7	128.6	107.3	102.3

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** Monument 6" to Lea	**Report#/Lab ID#:** 133727
Attn: Ken Dutton	**Sample Name:** MW 6	**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	98.9	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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#: 133728 **Report Date:** 09/24/02
Project ID: Monument 6" to Lea
Sample Name: EB 1
Sample Matrix: water
Date Received: 09/18/2002 **Time:** 10:45
Date Sampled: 09/17/2002 **Time:** 15:15

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	---		---		09/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/20/02	8260b	---	21.9	126.1	102.9	101
Ethylbenzene	<1	µg/L	1	<1	09/20/02	8260b	---	10.9	102.1	92.8	90.4
m,p-Xylenes	<1	µg/L	1	<1	09/20/02	8260b	---	7	102.7	92.8	90.5
o-Xylene	<1	µg/L	1	<1	09/20/02	8260b	---	1.8	109.1	97	97.3
Toluene	<1	µg/L	1	<1	09/20/02	8260b	---	20.7	128.6	107.3	102.3

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 6" to Lea **Sample Name:** EB 1	**Report#/Lab ID#:** 133728 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.9	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

COC 155 3817

CHAIN-OF-CUSTODY

AnalySys Inc.
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Phone: (512) 444-5896
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Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 6" to LEA E020786 Sampler: [signature]

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B							Comments
MW 1	9/17/02	1300	2		X		133722	X							
MW 2	↓	1325	↓		↓		133723	↓							
MW 3	↓	1413	↓		↓		133724	↓							
MW 4	↓	1350	↓		↓		133725	↓							
MW 5	↓	1500	↓		↓		133726	↓							
MW 6	↓	1435	↓		↓		133727	↓							
EB 1	↓	1515	↓		↓		133728	↓							

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 (PQL/Practical Quantitation Limits). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of custody or attached to this chain of custody, ASI will default to Priority Pollutant or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 3.3°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	ETGI	9/17/02	1600	Melanie Humphrey	ASI	9/18/02	10:45

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

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136612 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 1
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 08:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 1	**Report#/Lab ID#:** 136612 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.2	80-120	---
Toluene-d8	8260b	98.3	88-110	---

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

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136613 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 2
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 08:23

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		11/25/02	8260b	---	---	---	---	---
Benzene	**1.04**	µg/L	1	<1	11/25/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	J	1.4	116.2	110.4	114.3
m,p-Xylenes	**2.72**	µg/L	1	<1	11/25/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/25/02	8260b	J	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/25/02	8260b	J	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 2	**Report#/Lab ID#:** 136613 **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	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136613 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Edison
Project ID: *Monument to Lea 6" EO 2078*
Sample Name: MW 2

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

Notes:

AnalySys

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136614 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	**1.22**	µg/L	1	<1	11/25/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	**1.18**	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	J	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/25/02	8260b	J	5.7	102.8	106.2	98.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 3	**Report#/Lab ID#:** 136614 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.6	80-120	---
Toluene-d8	8260b	96.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136614 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Edison
Project ID: Monument to Lea 6" EO 2078
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.
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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 TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

AnalySys

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136615 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 4
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 08:50

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ONYX

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 4	**Report#/Lab ID#:** 136615 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.5	80-120	---
Toluene-d8	8260b	99.2	88-110	---

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

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136616 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 5
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 09:49

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	**2.88**	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	**2.1**	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	**3.97**	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	**1.05**	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	**1.53**	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 5	**Report#/Lab ID#:** 136616 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.1	80-120	---
Toluene-d8	8260b	96.9	88-110	---

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

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136617 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: MW 6
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 09:11

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** MW 6	**Report#/Lab ID#:** 136617 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.9	80-120	---
Toluene-d8	8260b	97.4	88-110	---

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

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136618 **Report Date:** 11/26/02
Project ID: Monument to Lea 6" EO 2078
Sample Name: EB 1
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/19/2002 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys. Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument to Lea 6" EO 2078 **Sample Name:** EB 1	**Report#/Lab ID#:** 136618 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.3	80-120	---
Toluene-d8	8260b	98.9	88-110	---

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

CHAIN-OF-CUSTODY

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

Send Reports To:
Company Name E.T.G.I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Robert Edison
Phone 505-397-4882 Fax 505-397-4701

Bill to (if different): COC: 190
Company Name
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Monument to Lea 6" Sampler: Manuel Campos
EO-2078

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 8020	Comments
mw 1	11/19/02	0805	2		X		136612	X	
mw 2		0823					136613		
mw 3		0930					136614		
mw 4		0850					136615		
mw 5		0949					136616		
mw 6		0911					136617		
EB-1		1000					136618		

(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: 3.9 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Manuel Campos	E.T.G.I.	11/19/02	1130	Melanie Humphrey	ASI	11/20/02	13:00

[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

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 5,4,6,7,8,9

NAD27 X: Y: Zone: Search Radius:

County: LE 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 12/12/2002

(acre ft per annum) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest

DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q	q	q
L 01145	PRO	3	GULF OIL CORPORATION	L 01145	Shallow	20S	37E	06	4	1	4
L 01253	PRO	3	GULF OIL CORPORATION	L 01253		20S	37E	08	2	3	1
L 01450	PRO	3	OHIO OIL CO.	L 01450		20S	37E	05	1	3	
L 01450 (1)	PRO		THE OHIO OIL COMPANY	L 01450 (1)		20S	37E	05	1	3	
L 01450 (10)	PRO		MARATHON OIL COMPANY	L 01450 (10)		20S	37E	05	1	3	
L 01450 (11)	PRO		MARATHON OIL COMPANY	L 01450 (11)		20S	37E	05	1	3	
L 01450 (12)	PRO		MARATHON OIL COMPANY	L 01450 (12)		20S	37E	05	1	3	
L 01450 (13)	PRO		MARATHON OIL COMPANY	L 01450 (13)		20S	37E	05	1	3	
L 01450 (14)	PRO		MARATHON OIL COMPANY	L 01450 (14)		20S	37E	05	1	3	
L 01450 (2)	PRO		MARATON OIL COMPANY	L 01450 (2)		20S	37E	05	1	3	
L 01450 (3)	PRO		THE MARATHON OIL COMPANY	L 01450 (3)		20S	37E	05	1	3	
L 01450 (4)	PRO		MARATHON OIL COMPANY	L 01450 (4)		20S	37E	05	1	3	
L 01450 (5)	PRO		MARATHON OIL COMPANY	L 01450 (5)		20S	37E	05	1	3	
L 01450 (6)	PRO		MARATHON OIL COMPANY	L 01450 (6)		20S	37E	05	1	3	
L 01450 (7)	PRO		MARATHON OIL COMPANY	L 01450 (7)		20S	37E	05	1	3	
L 01450 (8)	PRO		MARATHON OIL COMPANY	L 01450 (8)		20S	37E	05	1	3	
L 01450 (9)	PRO		MARATHON OIL COMPANY	L 01450 (9)		20S	37E	05	1	3	
L 01487	PRO	3	GULF OIL CORPORATION	L 01487		20S	37E	06	4	1	4

L 01572	PRO	3	EXPLORATION DRILLING COMPANY	L 01572 APPRO	Shallow	20S	37E	05	3	3	1
L 02102	PRO	3	E. F. INC. MORAN	L 02102	Shallow	20S	37E	05	3	4	
				L 02102 APPRO	Shallow	20S	37E	05	3	4	
L 02139	PRO	3	GACKLE DRILLING CO.	A 02139	Shallow	20S	37E	08	2	2	2
				L 02139 APPRO	Shallow	20S	37E	08	2	2	2
L 02274	PRO	3	SINCLAIR OIL & GAS CO.	L 02274	Shallow	20S	37E	08	1	3	
				L 02274 APPRO	Shallow	20S	37E	08	1	3	
L 02274 (1)	PRO	0	SINCLAIR OIL AND GAS COMPANY	L 02274 (1)		20S	37E	08	1	3	
L 02278	DOM	3	LAUGHLIN ESTATE	L 02278	Shallow	20S	37E	05	4	3	
				L 02278 APPRO		20S	37E	05	4	3	
L 02460	PRO	3	MORAN DRILLING CO.	L 02460	Shallow	20S	37E	07	2	1	
				L 02460 APPRO	Shallow	20S	37E	07	2	1	
L 02463	PRO	3	AMERADA PETROLEUM CORPORATION	L 02463	Shallow	20S	37E	08	3	2	1
				L 02463 APPRO	Shallow	20S	37E	08	3	2	1
L 02483	PRO	3	MORAN DRILLING CO.	L 02483	Shallow	20S	37E	08	1	4	4
				L 02483 APPRO	Shallow	20S	37E	08	1	4	4
L 02488	PRO	3	THE TEXAS CO.	L 02488	Shallow	20S	37E	05	2	3	
				L 02488 APPRO	Shallow	20S	37E	05	2	3	
L 02497	PRO	3	AMERADA PETROLEUM CORPORATION	L 02497	Shallow	20S	37E	05	3	3	3
				L 02497 APPRO		20S	37E	05	3	3	3
L 02501	PRO	3	AMARADA PETROLEUM CO.	L 02501		20S	37E	05	3	3	3
				L 02501 EXP		20S	37E	05	3	3	3
L 02533	PRO	0	MORAN DRILLING CO.	L 02533	Shallow	20S	37E	07	2	3	
				L 02533 APPRO	Shallow	20S	37E	07	2	3	
L 02553	PRO	3	GULF OIL CORPORATION	L 02553	Shallow	20S	37E	06	4	3	4
				L 02553 APPRO	Shallow	20S	37E	06	4	3	4
L 02801	PRO	3	AMERADA PETROLEUM CORPORATION	L 02801		20S	37E	06	2	3	3
				L 02801 APPRO		20S	37E	06	2	3	3
L 03810	PRO	3	THE TEXAS COMPANY	L 03810	Shallow	20S	37E	06	1	4	4
				L 03810 APPRO	Shallow	20S	37E	06	1	4	
L 03810 (1)	PRO		TEXACO INC.	L 03810 (1)		20S	37E	06	1	4	4
L 04619	PRO	3	GULF OIL CORP.	L 04619	Shallow	20S	37E	06	4	2	3
				L 04619 APPRO	Shallow	20S	37E	06	4	2	3
L 05980	DOM	0	J.S., DAVID EARL & LAUGHLIN	L 05980 DCL		20S	37E	04	3	4	1
L 09590	DOM	3	JIMMY COOPER	L 09590	Shallow	20S	37E	08	4		
L 09594	DOM		JIMMY COOPER	L 09594 EXP		20S	37E	08	4	2	
L 09779	DOM	3	DOLORES NASH DAVIS	L 09779	Shallow	20S	37E	05	2	2	2
L 09890	EXP	0	JIMMY COOPER	L 09890	Shallow	20S	37E	08	4		
L 10069	STK	3	JIMMIE COOPER	L 10069	Shallow	20S	37E	04	1	1	
L 10150	STK		S&U CATTLE CO.	L 10150	Shallow	20S	37E	09	4	1	
				L 10150 EXP		20S	37E	09	4	1	
L 10356	STK		S-W CATTLE CO	L 10356		20S	37E	09	3	1	1

Record Count: 60

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 5,4,6,7,8,9

NAD27 X: Y: Zone: Search Radius:

County: LE 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

AVERAGE DEPTH OF WATER REPORT 12/12/2002

							(Depth Water in Feet)		
Bsn	**Tws**	**Rng**	**Sec**	**Zone**	**X**	**Y**	**Wells**	**Min**	**Max**	**Avg**
A	20S	37E	08				1	38	38	38
L	20S	37E	04				1	22	22	22
L	20S	37E	05				7	32	46	38
L	20S	37E	06				7	35	40	37
L	20S	37E	07				4	34	38	36
L	20S	37E	08				9	30	38	35

Record Count: 29

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 31,32,33

NAD27 X: Y: Zone: Search Radius:

County: LE 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 12/12/2002

(acre ft per annum)

DB File Nbr	Use	Diversion	Owner
L 01271	DOM	3	OSCAR E. GROVE
L 01902	STK	3	CLYDE SPEARS
L 01903	DOM	3	CLYDE SPEARS
L 03380	DOM	3	MONUMENT METHODIST CHURCH
L 03738	PRO	3	MAKIN DRILLING CO.
L 03815	DOM	3	W.C. BYRD
L 03938	DOM	3	ROBERT L. PATE
L 03988	DOM	3	HAROLD VAN KOPCZYNSKI
L 03993	DOM	3	J. A. HAMMER
L 04153	DOM	3	A. G. WATSON
L 04405	DOM	3	M. D. TILLEY

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest

Well Number	Source	Tws	Rng	Sec	q	q	q
L 01271 EXP		19S	37E	31	2	2	4
L 01902 RPR		19S	37E	33	3	3	3
L 01903		19S	37E	33	3	3	3
L 01903 RPR		19S	37E	33	3	3	3
L 03380	Shallow	19S	37E	32	2	1	2
L 03380 APPRO	Shallow	19S	37E	32	2	1	2
L 03738	Shallow	19S	37E	33	4	4	
L 03738 APPRO	Shallow	19S	37E	33	4	4	
L 03815		19S	37E	31	1	1	1
L 03938	Shallow	19S	37E	32	4		
L 03938 APPRO	Shallow	19S	37E	32	4		
L 03988	Shallow	19S	37E	33	3	3	3
L 03988 APPRO	Shallow	19S	37E	33	3	3	3
L 03993	Shallow	19S	37E	33	3	3	
L 03993 APPRO	Shallow	19S	37E	33	3	3	
L 04153		19S	37E	32	2		
L 04153 APPRO EXP		19S	37E	32	2		
L 04405	Shallow	19S	37E	33	3		

L	04448	DOM	3	HAROLD VAN KOPEZYNSKI	L	04405 APPRO	Shallow	19S	37E	33	3
					L	04448	Shallow	19S	37E	33	3 3 3
					L	04448 APPRO	Shallow	19S	37E	33	3 3 3
L	04804	DOM	3	W.C. BYRD	L	04804		19S	37E	31	1 1 1
L	04806	DOM	3	JAMES COLBERT	L	04806	Shallow	19S	37E	33	
L	04809	DOM	3	VERNON A. CLARK	L	04809	Shallow	19S	37E	33	3
L	04819	DOM	3	E.R. GLENN	L	04819		19S	37E	33	3 3 1
					L	04819 EXP		19S	37E	33	3 3 1
L	04820	DOM	3	BILL A. HAMMER	L	04820		19S	37E	33	3 3 1
					L	04820 APPRO EXP		19S	37E	33	3 3 1
L	04821	DOM	3	BUDDY ADAMS	L	04821		19S	37E	33	3 3
					L	04821 APPRO EXP		19S	37E	33	3 3
L	04822	DOM	3	ED BARNES	L	04822		19S	37E	33	3 3
					L	04822 APPRO EXP		19S	37E	33	3 3
L	04823	DOM	3	JIMMIE T. COOPER	L	04823		19S	37E	32	2 2
L	04842	DOM	3	ROSCOE ROGERS	L	04842	Shallow	19S	37E	33	3 3
L	04929	DOM	3	I.A. WELCH	L	04929	Shallow	19S	37E	33	3
L	05049	STK	3	DELL J. BARBER	L	05049	Shallow	19S	37E	32	3
L	05296	DOM		C.R. JORDAN	L	05296 EXP		19S	37E	31	2 4
L	05579	DOM	3	C.R. JORDAN	L	05579		19S	37E	31	2 4
L	06492	DOM	3	VERNON CLARK	L	06492		19S	37E	32	1 1
L	06497	DOM		C. R. JORDAN	L	06497 EXP		19S	37E	31	2 4
L	06796	SAN	3	NORTHERN NATRUAL GAS COMPANY	L	06796		19S	37E	33	2 1
L	08246	DOM		JOE R. WILLIAMS	L	08246 EXP		19S	37E	33	4
L	08501	DOM	3	EDWARD E.& CYNTHIA A. WEBB	L	08501	Shallow	19S	37E	33	4 3 4
L	08885	DOM		JOE R. WILLIAMS	L	08885 EXP		19S	37E	33	4 3
L	09127	DOM	3	JOE R. WILLIAMS	L	09127	Shallow	19S	37E	33	4 4 3
					L	09127 EXP		19S	37E	33	4 4 3
L	09128	DOM	3	JOE R. WILLIAMS	L	09128	Shallow	19S	37E	33	3 3 1
					L	09128 EXP		19S	37E	33	3 3 1
L	09129	DOM	3	JOE R. WILLIAMS	L	09129	Shallow	19S	37E	33	4 3
					L	09129 EXP		19S	37E	33	4 3
L	09681	STK	3	JOE R. WILLIAMS	L	09681	Shallow	19S	37E	33	4 3
L	09692	DOM		DAREL TAYLOR	L	09692 EXP		19S	37E	33	1
L	10031	STK	3	JIMMY B. COOPER	L	10031	Shallow	19S	37E	31	2 4
L	10397	DOM	3	MORROW ELMER	L	10397	Shallow	19S	37E	33	1 2 2

Record Count: 54

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 31,32,33

NAD27 X: Y: Zone: Search Radius:

County: LE 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

AVERAGE DEPTH OF WATER REPORT 12/12/2002

							(Depth Water in Feet)		
Bsn	**Tws**	**Rng**	**Sec**	**Zone**	**X**	**Y**	**Wells**	**Min**	**Max**	**Avg**
L	19S	37E	31				2	20	27	24
L	19S	37E	32				6	25	35	29
L	19S	37E	33				20	13	43	32

Record Count: 28

Martin, Ed

To: Robert Eidson

Subject: RE: Additional wells at previously listed sites requesting a reduction in sampling frequency

TNM 97-17 (AP-17): Monitor well MW-2; **This monitor well may be sampled annually.**
Darr Angell 4 (AP-07): Monitor well MW-13; **This monitor well may be sampled annually.**
Lea to Monument Six-inch Pipeline site: Monitor wells MW-1, MW-3, MW-4 and MW-6. **Monitor wells MW-1, 3, and 4 may be sampled annually; monitor well MW-6 may be sampled semi-annually.**

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

-----Original Message-----
From: Robert Eidson [mailto:reidson@etgi.cc]
Sent: Thursday, April 29, 2004 4:38 PM
To: Ed Martin
Subject: Additional wells at previously listed sites requesting a reduction in sampling frequency

Ed:
In my original letter requesting a reduction in sampling frequency a few wells were mistakenly omitted. I apologize for any inconvenience this may cause. The list should have also included:

TNM 97-17 (AP-17): Monitor well MW-2;
Darr Angell 4 (AP-07): Monitor well MW-13; and,
Lea to Monument Six-inch Pipeline site: Monitor wells MW-1, MW-3, MW-4 and MW-6. This last site was entirely omitted from the original list so I am attaching a Site Location Map and a Site Plan for your reference. An Annual Report covering this site was filed in April 2004.