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REPORT

DATE:

MARCH 2007

* 1R-0395
Report
2006

PLAINS
ALL AMERICAN

March 27, 2007

Mr. Ben Stone
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains All American – Annual Monitoring Reports
2 Sites in Lea County, New Mexico

Dear Mr. Stone:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

Livingston Line-B.McCasland	Section 3, Township 21 South, Range 37 East, Lea County
Livingston Ridge to H.P. Sims	Section 3, Township 21 South, Range 37 East, Lea County

Terracon prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Terracon in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

2006 ANNUAL GROUNDWATER MONITORING AND SOIL CLOSURE STATUS REPORT

Livingston Line – Bob McCasland
NE ¼ of the SW ¼, Section 3, Township 21 South, Range 37 East
Plains Pipeline SRS Number 2001-11226
Lea County, New Mexico

Terracon Project Number A4077007

March 27, 2007

Prepared for:

Plains Pipeline, L.P.
3112 West US Highway 82
Lovington, New Mexico 88260
OCD File Number 1R-395

Prepared by:

Terracon

Midland, Texas

March 27, 2007

Terracon
Consulting Engineers & Scientists

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Plains Pipeline, L.P.
3112 West US Highway 82
Lovington, NM 88260
Attn: Ms. Camille Reynolds

Telephone: (505) 441-0965
Fax: (505) 397-0697

Re: 2006 Annual Groundwater Monitoring and Soil Closure Status Report
Livingston Line - Bob McCasland
NE ¼ of the SW ¼, Section 3, T21S, R37E
Lea County, New Mexico
Plains Pipeline, L.P. SRS Number 2001-11226
Terracon Project Number A4077007

Dear Ms. Reynolds:

Terracon is pleased to submit four copies of the Annual Groundwater Monitoring Site Closure Status Report for the above referenced site.

We appreciate the opportunity to perform these services for Plains Pipeline, L.P. Please contact either of the undersigned at (432) 684-9600 if you have questions regarding the information provided in the report.

Sincerely,
Terracon

Prepared by:

Catharine London, P. G.
Senior Project Manager

Reviewed by:

Barrett W. Bole, P. G.
Operations Manager

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Terracon

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Livingston Line - Bob McCasland Site
NE ¼ of the SW ¼ of Section 3, T21S, R37E
Plains SRS Number 2001-11226
Lea County, New Mexico
Terracon Project Number A4077007

1.0 INTRODUCTION

1.1 Site Description

Site Name	Livingston Line – Bob McCasland
Site Location	Approximately 5 miles north-northeast of Eunice, Lea County, NM on Loop 207
General Site Description	Pipeline right-of-way surrounded by native pasture land, in close proximity of the abandoned Carbon Black Plant.

A topographic map is included as Figure 1 and a site plan is included as Figure 2 of Appendix A.

On July 13, 2001, a reported four barrels of crude oil were released from the Livingston four-inch steel pipeline. The release covered an area of approximately 1,600 square feet of pipeline right-of-way and caliche road.

Initial investigative activities were conducted from August 16, 2001 through August 22, 2001, and included advancing 17 soil borings. It was determined during this time that groundwater, situated approximately 30 feet below ground surface (bgs), had been impacted. Three groundwater monitor wells (MW-1, MW-2 and MW-3) were installed around the release area to delineate the extent and magnitude of the release. Samples collected from the groundwater monitor wells indicated groundwater concentrations for benzene, toluene, ethylbenzene, and total xylenes were above New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards. Three additional groundwater monitor wells (MW-4, MW-5 and MW-6) were installed at the site at an unknown date. Phase separated hydrocarbons (PSH) were detected in groundwater monitor well MW-4 following its installation.

In December 2001, approximately 11,445 cubic yards of hydrocarbon impacted soil were excavated and stockpiled on-site. Earthen berms were constructed around the stockpiles to prevent runoff. Analytical results for soil samples collected from the excavation indicated BTEX concentrations above New Mexico Oil Conservation Division (NMOCD) remedial threshold limits.

To delineate the lateral extent of groundwater impact at the site, three additional groundwater monitor wells (MW-7, MW-8 and MW-9) were installed in June 2004. Two additional monitor wells

(MW-10 and MW-11) were installed in November of 2004. During installation of these five groundwater monitor wells in June and November 2004, soil samples were collected and submitted to AnalySys, Inc., an analytical laboratory in Austin, Texas for analysis of total petroleum hydrocarbons (TPH) (gasoline and diesel range organics) and BTEX constituents. BTEX constituents for each of the monitor wells were below NMOCD remedial threshold limits. TPH concentrations from soil samples collected from groundwater monitor wells MW-7, MW-10 and MW-11 were at or below laboratory analytical method detection limits (MDLs). TPH soil concentrations ranged from 0.0672 mg/kg in MW-9 (at 25 feet bgs) to 0.346 mg/kg in MW-9 (at 20 feet bgs).

1.2 Scope of Work

Terracon's scope of work included assuming oversight of remedial activities, including the preparation of a 2006 annual groundwater monitoring and soil closure status report for submittal to the NMOCD. Four quarterly groundwater monitoring and sampling events were conducted during 2006 by Environmental Plus, Inc. (EPI). The events were performed on February 16, 2006, May 22, 2006, August 7, 2006, and November 21, 2006 at the Livingston Line - Bob McCasland site located in Lea County, New Mexico.

The objective of the quarterly sampling events was to gauge the eleven groundwater monitor wells (MW-1 through MW-11) and to collect samples of groundwater from each well for analysis of BTEX quarterly and polycyclic aromatic hydrocarbons (PAHs), annually. PAH samples were collected on February 16, 2006.

1.3 Standard of Care

Terracon was awarded this project on February 1, 2007, and did not perform the actual sampling activities. A previous consultant hired by Plains performed these activities. Terracon makes no assumptions or warranties regarding EPI services being performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.

1.4 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this remediation activities. Subsurface

conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.5 Reliance

This report has been prepared for the exclusive use of Plains Pipeline, L. P., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Plains Pipeline, L.P. and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in this report, and Terracon's Terms and Conditions. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 FIELD ACTIVITIES

2.1 Groundwater Monitoring and Sampling

Quarterly monitoring and sampling events were performed on February 16, 2006, May 22, 2006, August 7, 2006, and November 21, 2006, by personnel of EPI. Figure 1 presents the general boundaries and topography of the site on portions of the USGS topographic quadrangle map of Hobbs Southwest, New Mexico (Appendix A). Figure 2 is a site plan that indicates the approximate locations of the monitor wells in relation to the pertinent structures and general site boundaries (Appendix A).

Excluding the month of June, monitor wells were gauged monthly to determine the depth to groundwater and to check for the presence of crude oil PSH. Based on the gauging data, PSH was present in monitor well MW-4 during the November 2006 monthly gauging event. Additional monitor wells at the site did not contain PSH during 2006. Groundwater gradient maps for each quarter are included as Figures 3 through 6 (Appendix A). Gauging data is included in Appendix B as Table 1.

A groundwater sample was collected and analyzed from the eleven groundwater monitor wells in accordance with the NMOCD approval groundwater sample reduction plan. Prior to sample collection, each of these monitor wells was purged with a disposable bailer until three well volumes of water were removed, or the well failed to recharge. Following purging, a groundwater sample was collected using the disposable bailer. Groundwater samples were placed in laboratory-supplied containers appropriate to the analyses requested and placed on ice in a cooler. The sample coolers and completed chain-of-custody forms were delivered to AnalySys, Inc., an analytical laboratory in Austin, Texas for standard turnaround analysis BTEX using EPA SW-846 Method 8260B in each of the four quarters and PAHs using EPA SW-846 Method 610 and 8270C in February 2006.

3.0 DATA EVALUATION

3.1 Water Level Data

Water level measurement data collected during the respective quarterly sampling events was used to construct groundwater gradient maps that are included as Figures 3, 4, 5, and 6 (Appendix A). Groundwater elevation contours generated from the quarterly sampling events of 2006 indicated the general groundwater gradient was consistent with previous sampling events:

- The gradient/direction during the February 2006 sampling event was 0.003 ft/ft and toward the south-southeast;
- The gradient/direction during the May 2006 sampling event was 0.003 ft/ft and toward the southwest;
- The gradient/direction during the August 2006 sampling event was 0.003 ft/ft and toward the southeast; and
- The gradient/direction during the November 2006 sampling event was 0.003 ft/ft and toward the southeast.

Groundwater flow direction remained relatively consistent throughout 2006. Water level measurement data is summarized in Table 1 in Appendix B.

3.2 Groundwater Analysis Data

Laboratory results from the analysis of groundwater samples collected from monitor wells MW-1 through MW-11 are summarized in Table 2 in Appendix B and presented on Figure 7 through Figure 10 in Appendix A. The executed chain-of-custody forms and laboratory data sheets are provided in Appendix C.

Groundwater samples collected on February 16, 2006, from monitor wells MW-1, MW-3, MW-6, MW-7 and MW-11 did not contain BTEX constituents above laboratory detection limits. Monitor wells MW-2 (at 0.433 mg/l), MW-4 (at 2.1 mg/l), MW-8 (at 0.243 mg/l) and MW-10 (at 0.276 mg/l) contained benzene exceeding the NMWQCC groundwater standards of 0.01 mg/l. Ethylbenzene, toluene, and/or total xylenes were detected in these four wells at concentrations below the respective NMWQCC groundwater standards. Monitor wells MW-5 and MW-9 contained benzene at concentrations of 0.00747 mg/l and 0.00881 mg/l, respectively, which do not exceed the NMWQCC groundwater standard.

PAHs were not detected in monitor wells MW-1, MW-3, MW-6 and MW-11. PAHs were detected in monitor wells MW-2, MW-5, MW-7, MW-8, MW-9, and MW-10 at concentrations which do not exceed the NMWQCC groundwater standards. Monitor well MW-4 contained PAH constituent

naphthalene at 0.113 mg/l which exceeds the NMWQCC groundwater standard of 0.03 mg/l. PAH analytical results are presented in Table 3 in Appendix B. The groundwater sample from monitor well MW-10 was not analyzed for PAHs as the container reportedly broke during the shipment to the laboratory.

For the May 22, 2006, sampling event groundwater samples collected from monitor wells MW-1, MW-3, MW-5, MW-6, MW-7 and MW-11 did not contain BTEX constituents above laboratory detection limits. Monitor wells MW-2 (at 0.694 mg/l), MW-4 (at 2.11 mg/l), MW-8 (at 0.974 mg/l) and MW-10 (at 1.32 mg/l) contained benzene exceeding the NMWQCC groundwater standard of 0.01 mg/l. Ethylbenzene, toluene, and/or total xylenes were detected in these four wells at concentrations which did not exceed the respective NMWQCC groundwater standards. Monitor wells MW-5 and MW-9 contained benzene at concentrations of 0.00318 mg/l and 0.00738 mg/l, respectively, which do not exceed the NMWQCC groundwater standards. Monitor well MW-10 was sampled for PAHs and did not contain PAHs above NMWQCC groundwater standards.

Groundwater samples collected on August 7, 2006, from monitor wells MW-3, MW-6, MW-7 and MW-11 did not contain BTEX constituents above laboratory detection limits. Monitor wells MW-2 (at 0.664 mg/l), MW-4 (at 2.84 mg/l), MW-5 (at 0.0964 mg/l), MW-8 (at 0.133 mg/l) and MW-10 (at 1.51 mg/l) contained benzene above the NMWQCC groundwater standard of 0.01 mg/l. Ethylbenzene, toluene, and total xylenes were detected in these five wells at concentrations which do not exceed the respective NMWQCC groundwater standards. Monitor well MW-9 contained benzene at a concentration of 0.00426 mg/l which does not exceed the NMWQCC groundwater standard.

For the November 21, 2006, sampling event groundwater samples collected from monitor wells MW-3, MW-6, MW-7 and MW-11 did not contain BTEX constituents above laboratory detection limits. Monitor wells MW-2 (at 0.461 mg/l), MW-5 (at 0.0883 mg/l) and MW-10 (at 0.222 mg/l) contained benzene above the NMWQCC groundwater standard of 0.01 mg/l. Ethylbenzene, toluene, and/or total xylenes were detected at concentrations which did not exceed the NMWQCC groundwater standards in the three above mentioned wells. Monitor well MW-9 contained benzene at concentration of 0.00342 mg/l which does not exceed the NMWQCC groundwater standard. Monitor wells MW-4 and MW-8 were not sampled during this time due to the presence of PSH.

4.0 CORRESPONDENCE WITH THE NEW MEXICO OIL CONSERVATION DISTRICT

4.1 Soil Characterization and Remediation Plan

A Soil Characterization and Report and Remediation Plan, dated June 26, 2006, was submitted to the NMOCD by EPI. The proposal recommended the following at the site:

- Sampling the stockpiled excavation material for BTEX and TPH, by dividing the material into five hundred cubic yard cells for sampling purposes. If analytical results indicated one or more of the stockpiled cells impacted above NMOCD remedial guideline limits for BTEX

and TPH parameters, the cell material would be transported for disposal offsite. If the stockpiled cell material analytical results are within acceptable NMOCD remedial guideline limits, the soil would be used to backfill the excavation. If needed, caliche would be used to fill the excavation to grad after other remedial actions are implemented;

- Additional excavation was recommended along the south-southwest sidewall in the area of soil sample SELBM1402SSW and from all sidewalls to verify hydrocarbons are below the NMOCD remedial guideline limits prior to backfilling;

- Leveling the bottom of the excavated area;

- Abandon and truncate (cap or seal per Plains Pipeline L. P. specifications) the pipeline, 10 feet on either side of the excavation, and removing the pipe from the site;

- Removal of the crude oil sump and piping at the abandoned Shell Pipeline Pump Station in the area of monitor well MW-4;

- Installing a twenty mil thick polyethylene liner over the floor of the excavation from the location of soil boring SB-15 to the end of the northern section with six inches of sand placed above and below the polyethylene liner, to act a cushion for the liner, and

- Backfilling, contouring and seeding the excavation area.

A letter from the NMOCD was submitted to Ms. Camille Reynolds, Remediation Coordinator for Plains Pipeline, dated February 5, 2007, regarding the Livingston Line – Bob McCasland release. The Soil Characterization Report and Remediation Plan was reviewed by Mr. Ben Stone with the Environmental Bureau of the NMOCD. Mr. Stone noted that BTEX and TPH concentrations were reduced but still elevated throughout the site and he would re-evaluate closure of the excavation area after the submittal of this 2006 Annual Report.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Findings

The annual groundwater report presents the results of four groundwater monitor and sampling events for the 2006 calendar year.

- The groundwater gradient during the quarterly sampling events for 2006 indicate a relatively stable southeast groundwater gradient direction.

- Groundwater samples collected in MW-2, MW-5, MW-8, and MW-10 contained benzene above the NMWQCC groundwater standards in each of the quarters they were sampled.

- Monitor well MW-4 contained benzene and naphthalene (February 2006) and benzene (March 2006 and August 2006) above NMWQCC groundwater standards. PSH was in present in MW-4 and MW-8 in November 2006.

- The NMOCD recommended that a monitor well be installed downgradient from the release site; however landowner constraints have delayed any additional activities at the site, with the exception of sampling and gauging the existing monitor wells, until landowner constraints are resolved.

5.2 Recommendations

Based upon the results of this report and correspondence from the NMOCD, Terracon recommends the following:

- Excavate the south-southwest sidewall of the excavation pit and level the excavation floor;

- Collect soil samples from the sidewalls and floor of the excavated area and analyze for BTEX;

- Blend and mix the stockpiled soils with native soils and/or caliche at the site;

- Collect confirmation samples of the stockpiled soils and analyze for BTEX; once the soil samples have been determined to be above the NMOCD remedial threshold limits and with approval of the NMOCD, backfill the excavation area with the stockpile and clean fill (if necessary) materials to the original site surface, contour and reseed the site surface as close to original conditions as possible;

- Monitor wells MW-6 (since December 2004), MW-7 (since September 2004) and MW-9 (since November 2004) have been non detect for TPH and BTEX constituents and Terracon recommends that these wells be sampled annually instead of quarterly, monitor well MW-7 is upgradient and MW-6 and MW-9 are downgradient from the initial leak area;

- Continue PSH recovery on monitor wells on a twice monthly schedule;

- Continue quarterly groundwater sampling for BTEX on all monitor wells, except MW-1 and MW-3 and annually for PAHs for the calendar year of 2007 in accordance with the NMOCD approved sample reduction plan;

- Continue annual sampling on monitor wells MW-1 and MW-3 for BTEX and PAHs, and

- Submittal of an annual report to the NMOCD of the 2007 site activities.

DISTRIBUTION

Copy 1: Ben Stone
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

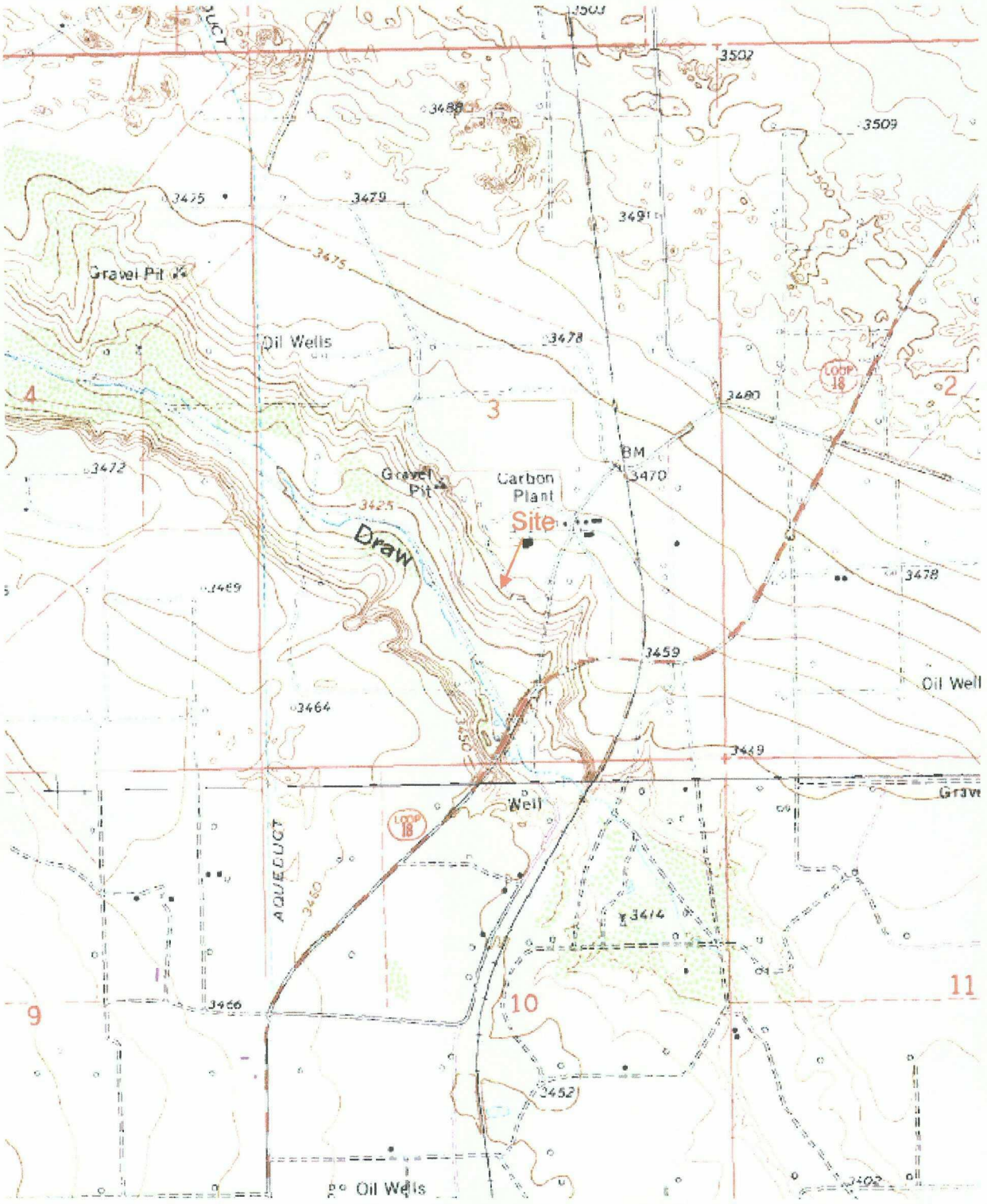
Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Ms. Camille Reynolds
Plains Pipeline, L.P.
3112 West US Highway 82
Lovington, NM 88260
cjreynolds@paalp.com

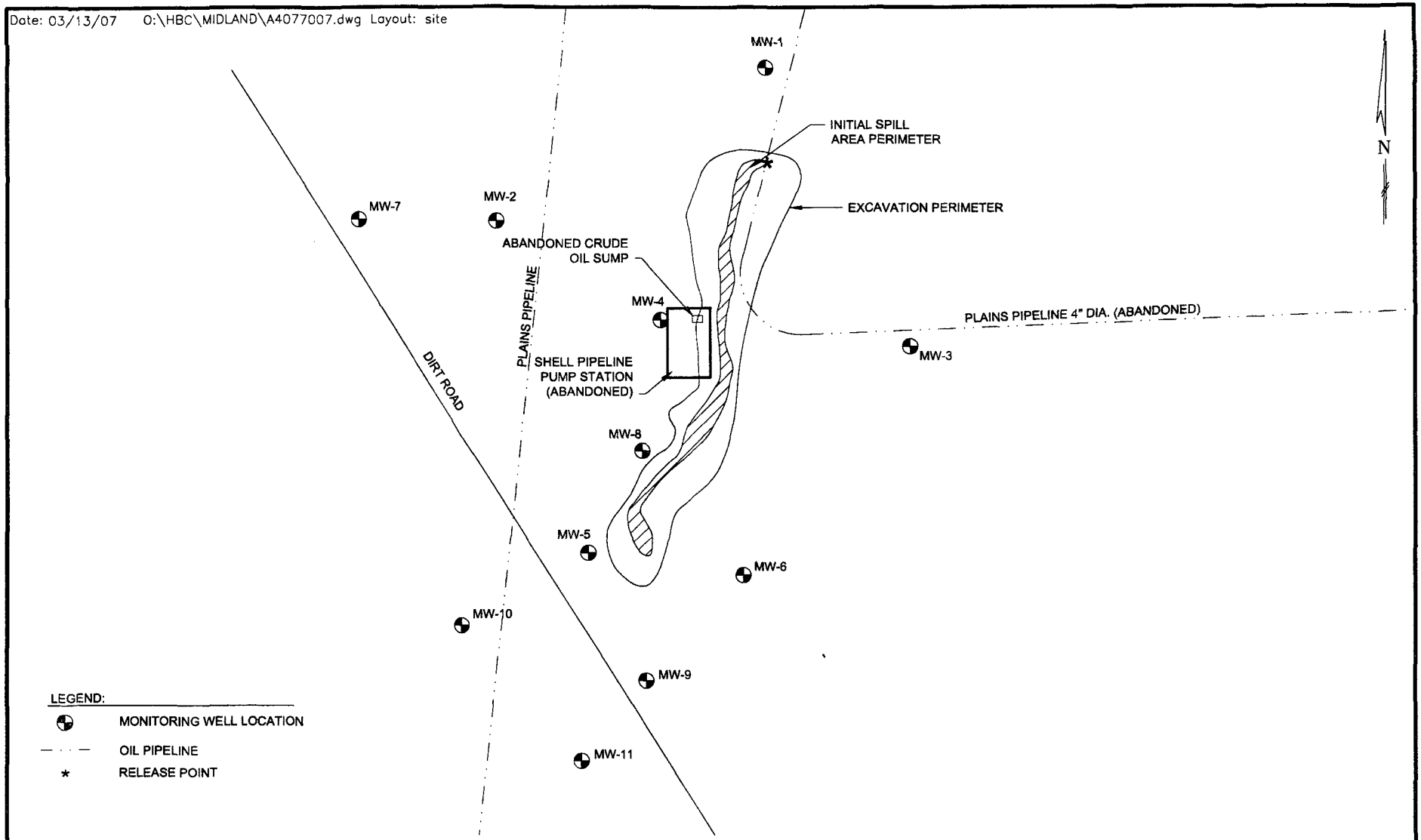
Copy 4: Jeff Dann
Plains Pipeline, L.P.
333 Clay Street, Suite 1600
Houston, TX 77002
jpdann@paalp.com

APPENDIX A

Figure 1 – Topographic Map
Figure 2 – Site Plan
Figure 3 – Groundwater Gradient Map (02/16/06)
Figure 4 – Groundwater Gradient Map (05/22/06)
Figure 5 – Groundwater Gradient Map (08/07/06)
Figure 6 – Groundwater Gradient Map (11/21/06)
Figure 7 – Groundwater Contaminant Concentration Map (02/16/06)
Figure 8 – Groundwater Contaminant Concentration Map (05/22/06)
Figure 9 – Groundwater Contaminant Concentration Map (08/07/06)
Figure 10 – Groundwater Contaminant Concentration Map (11/21/06)



USGS TOPOGRAPHIC QUADRANGLE MAP Hobbs SW, NM		Terracon	**Livingston Line - Bob McCasland** NE 1/4 of SW1/4, Sec. 3, T21S, R37E Eunice, Lea County, New Mexico
Dated: 1979 SCALE: 1" = 1,600'	↑ N		
PROJECT NO. A4077007			**FIGURE 1: TOPOGRAPHIC MAP**



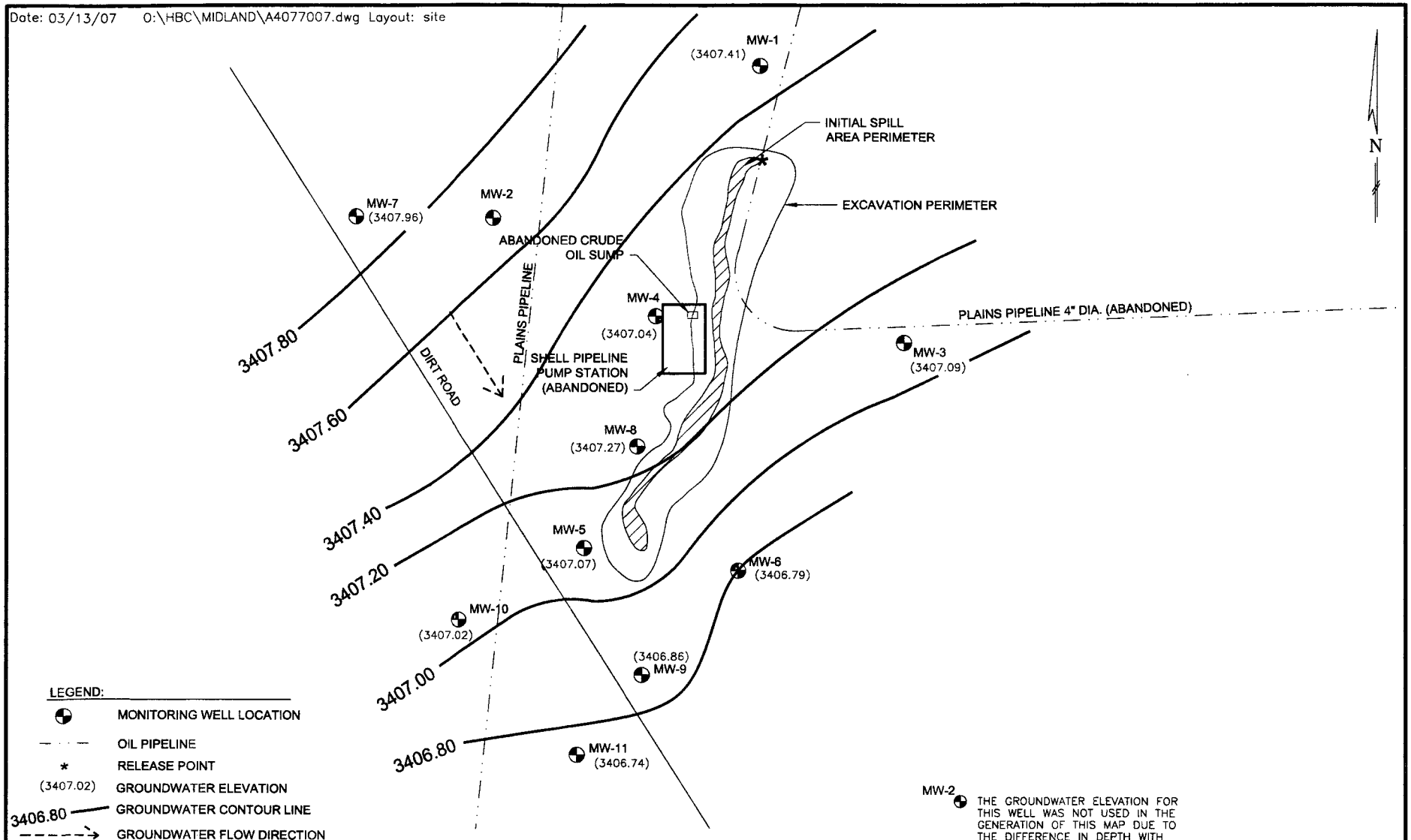
THIS DRAWING SHOULD NOT BE USED SEPARATELY FROM ORIGINAL REPORT.

0 50 100 FEET
APPROXIMATE SCALE

PLAINS PIPELINE, L.P.
LIVINGSTON LINE-BOB MCCASLAND
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 2: SITE DIAGRAM



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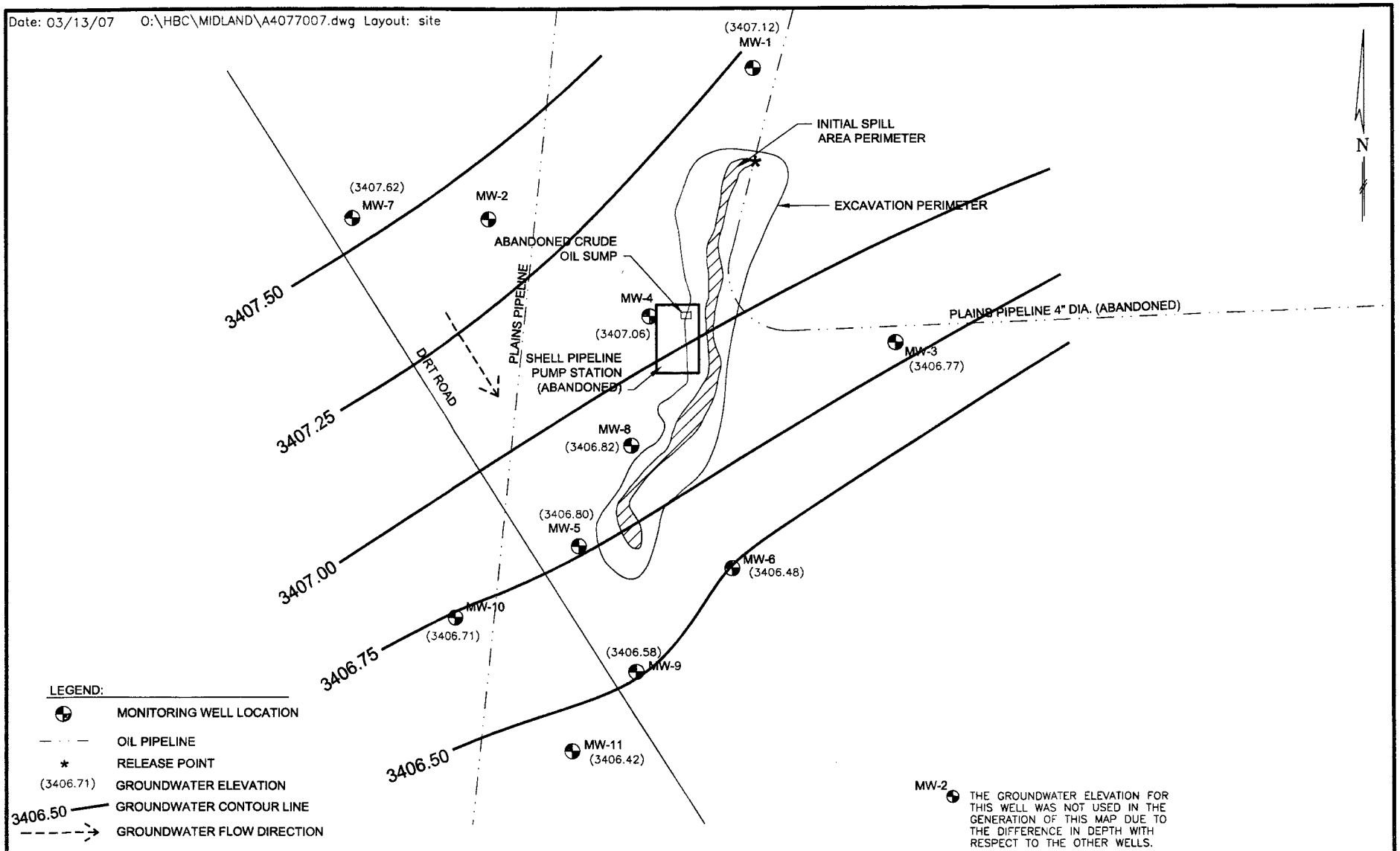
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 3: GROUNDWATER GRADIENT MAP 02/16/06



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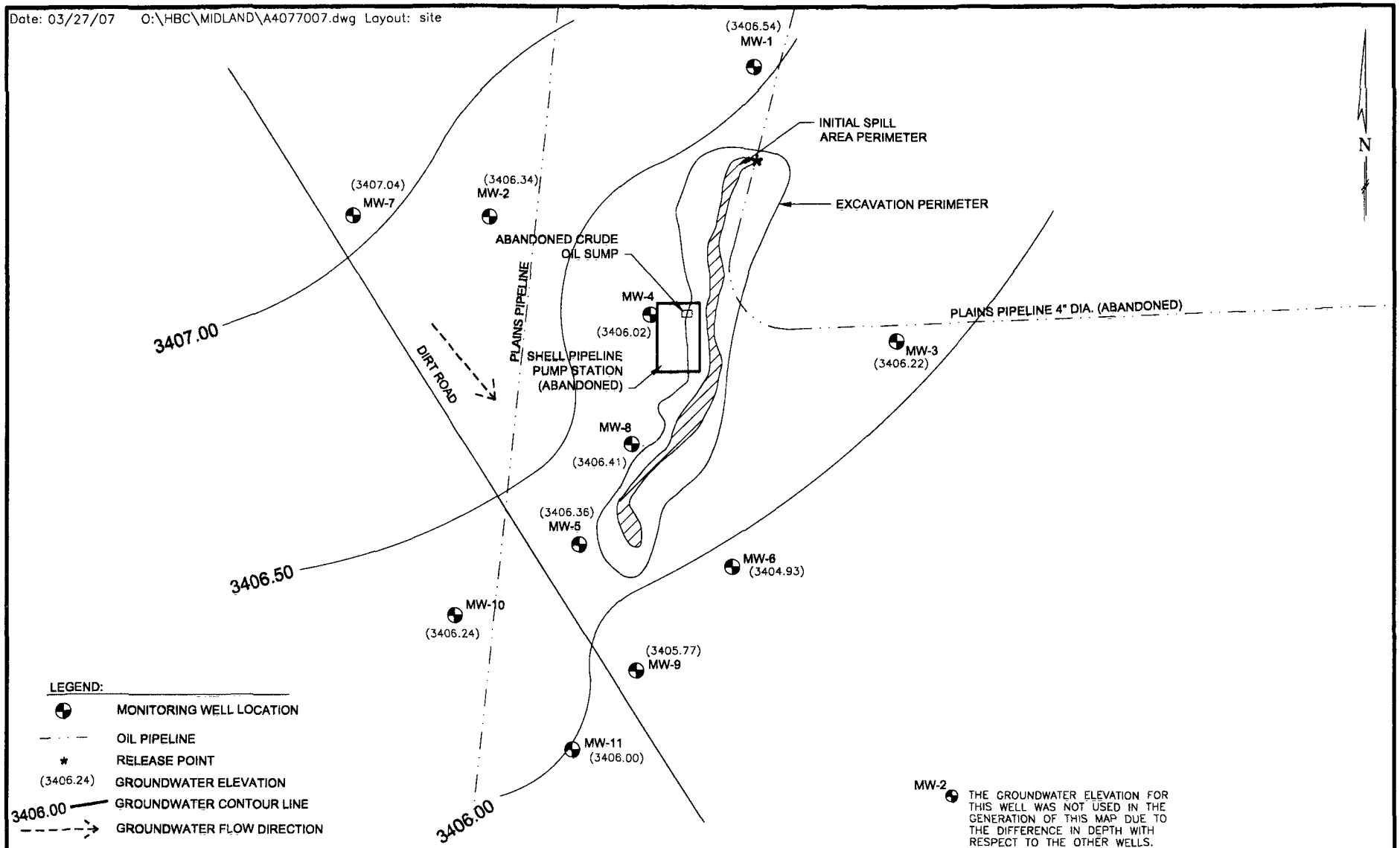
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 4: GROUNDWATER GRADIENT MAP 05/22/06



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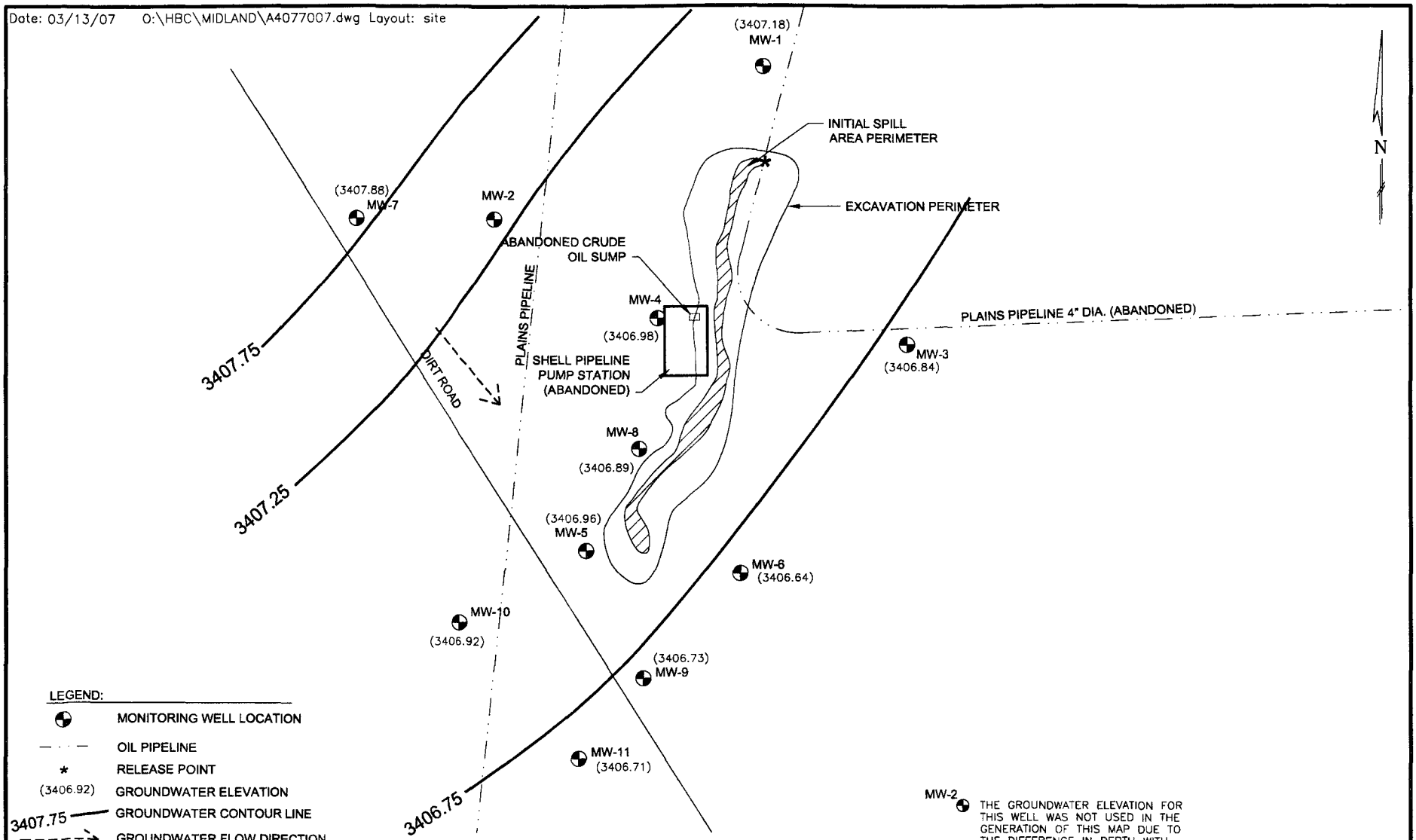
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon Project No.: A4077007

FIGURE 5: GROUNDWATER GRADIENT MAP 08/07/06



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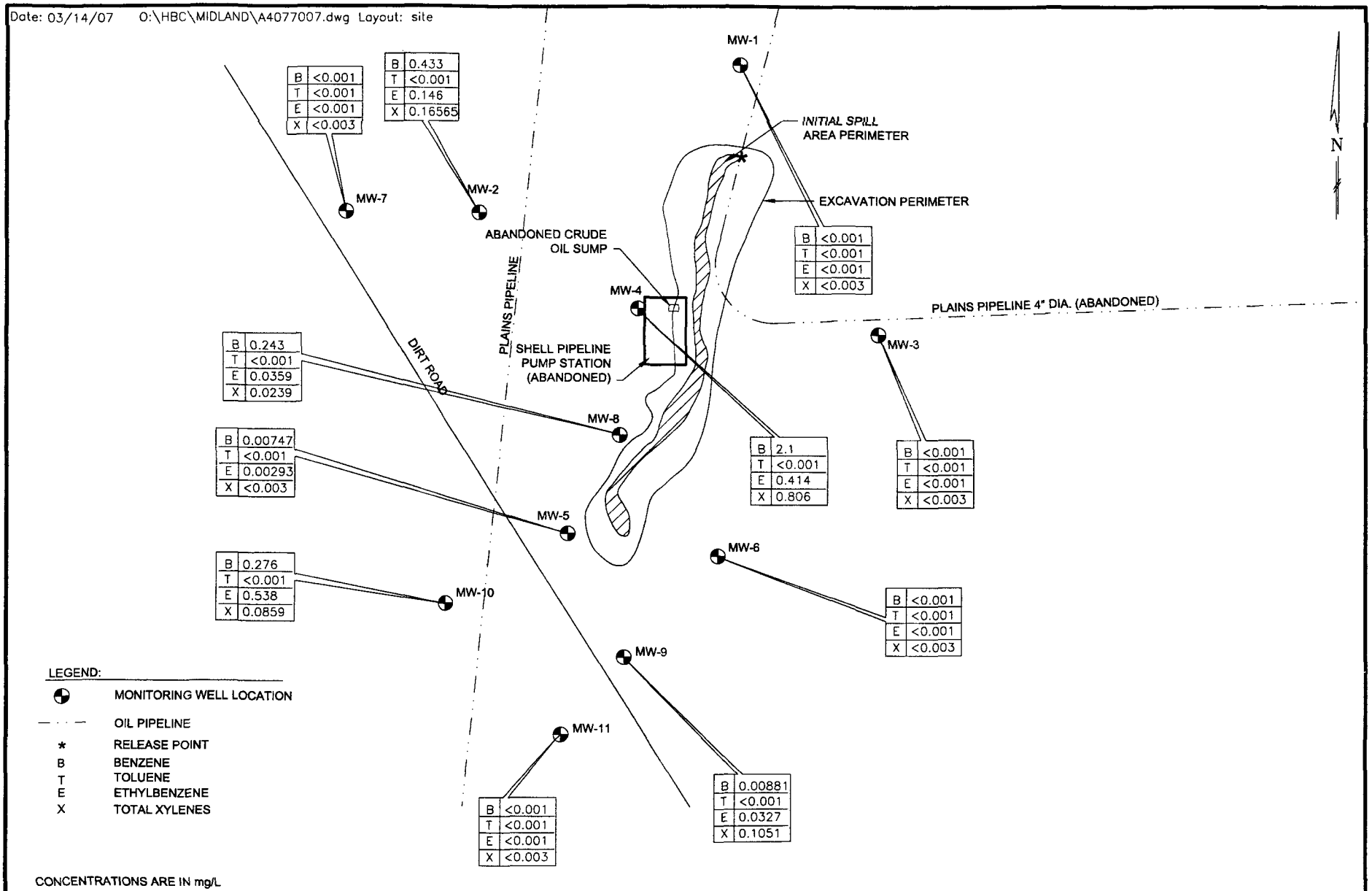
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 6: GROUNDWATER GRADIENT MAP 11/21/06



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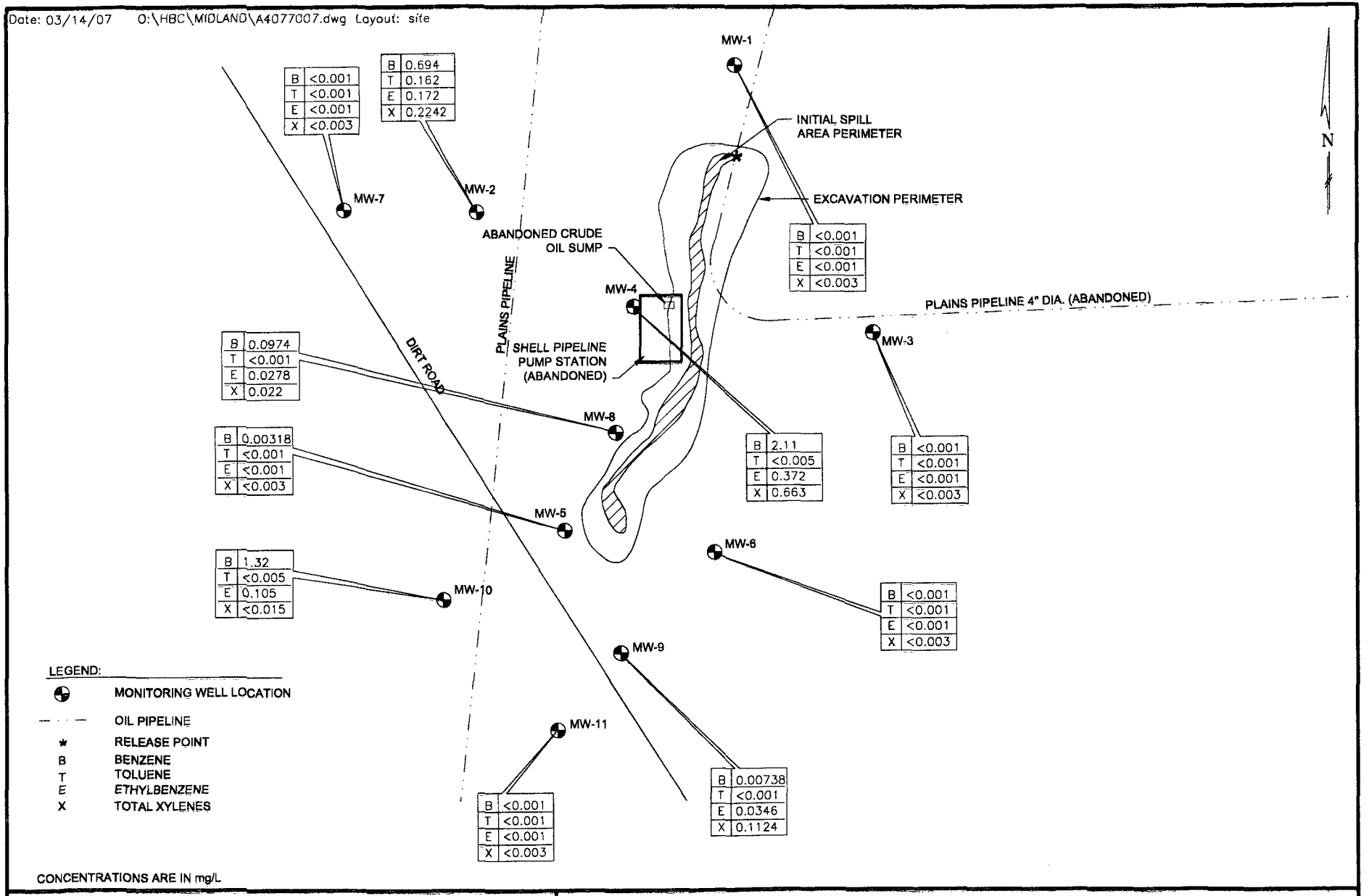
PLAINS PIPELINE, L.P.
LIVINGSTON LINE-BOB MCCASLAND
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 7: GROUNDWATER CONTAMINANT CONCENTRATION MAP 02/16/06



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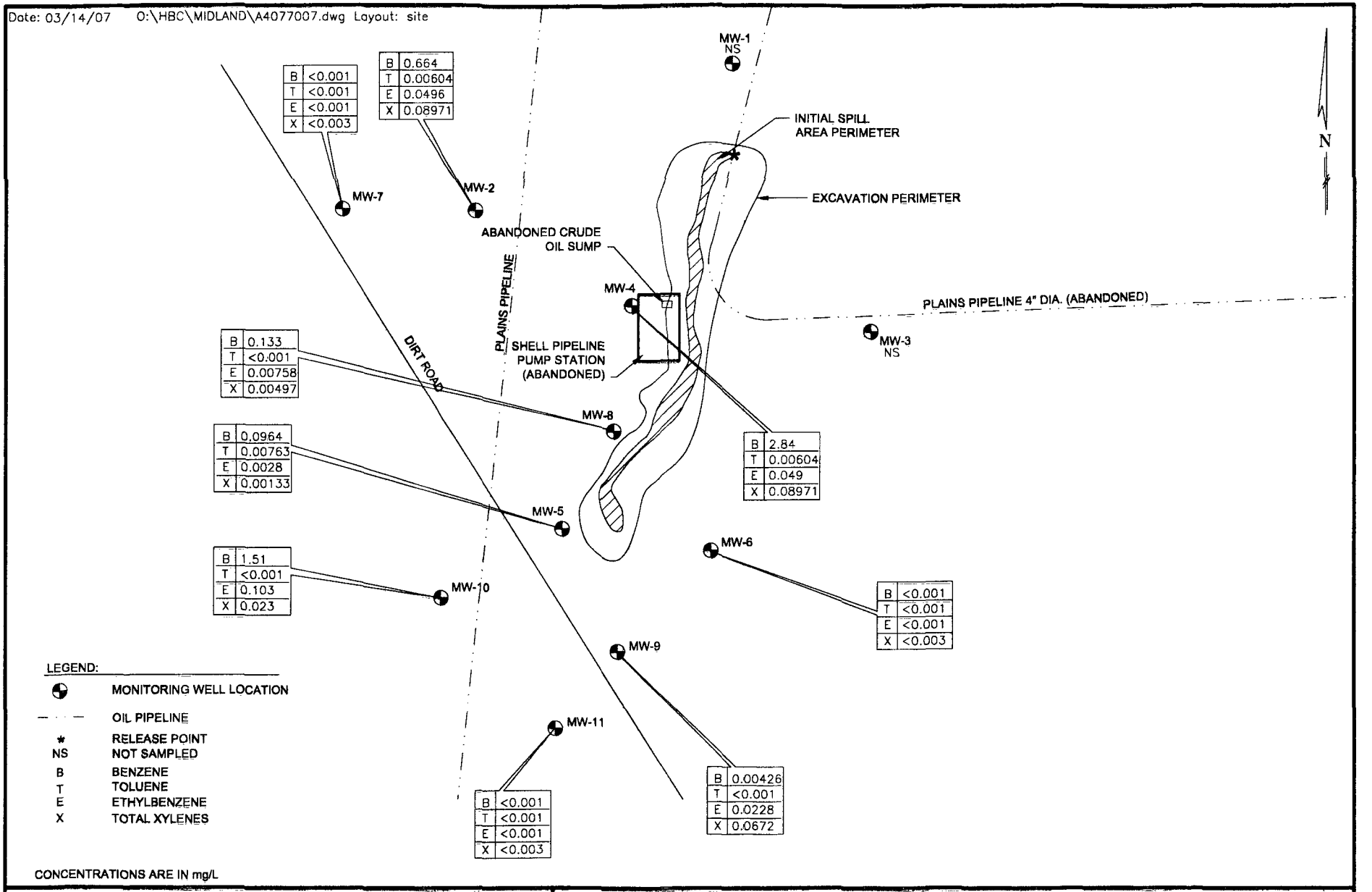
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon Project No.: A4077007

FIGURE 8: GROUNDWATER CONTAMINANT CONCENTRATION MAP 05/22/06



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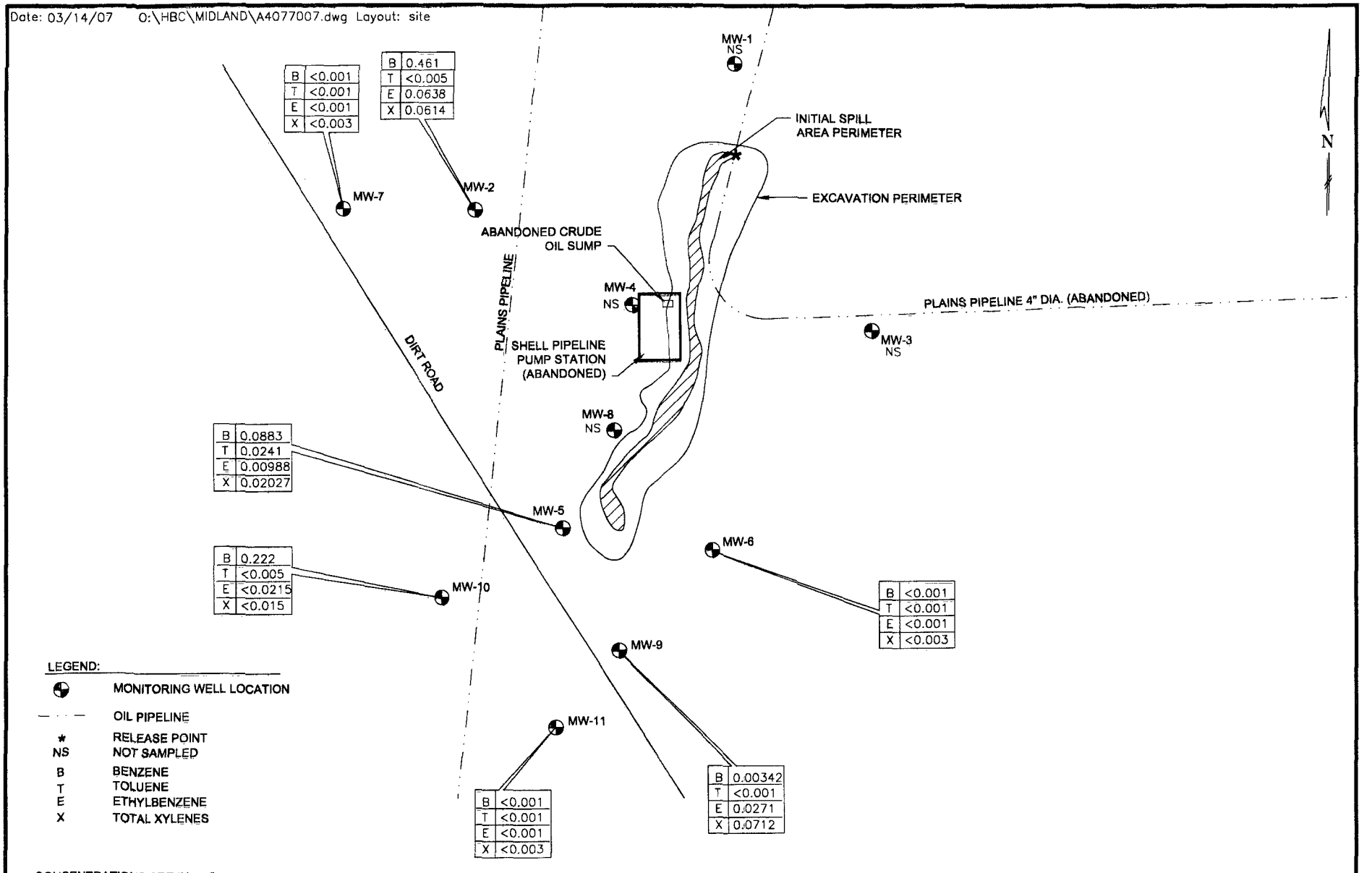
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon **Project No.: A4077007**

FIGURE 9: GROUNDWATER CONTAMINANT CONCENTRATION MAP 08/07/06



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LIVINGSTON LINE-BOB MCCASLAND
LEA COUNTY, NEW MEXICO
SRS#2001-11226

Terracon Project No.: A4077007

FIGURE 10: GROUNDWATER CONTAMINANT CONCENTRATION MAP 11/21/06

APPENDIX B

Tables

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-1	07/10/02	3,439.09	0.00	38.10	3,400.99	0.00
MW-1	04/15/03		0.00	37.31	3,401.78	0.00
MW-1	07/14/03		0.00	38.13	3,400.96	0.00
MW-1	04/20/04		0.00	35.62	3,403.47	0.00
MW-1	05/07/04		0.00	35.55	3,403.54	0.00
MW-1	05/25/04		0.00	35.62	3,403.47	0.00
MW-1	06/10/04		0.00	35.77	3,403.32	0.00
MW-1	07/14/04		0.00	34.90	3,404.19	0.00
MW-1	07/21/04		0.00	34.69	3,404.40	0.00
MW-1	08/02/04		0.00	34.73	3,404.36	0.00
MW-1	09/10/04		0.00	34.24	3,404.85	0.00
MW-1	09/14/04		0.00	34.26	3,404.83	0.00
MW-1	10/05/04		0.00	32.64	3,406.45	0.00
MW-1	10/19/04		0.00	30.92	3,408.17	0.00
MW-1	11/02/04		0.00	31.01	3,408.08	0.00
MW-1	11/15/04		0.00	30.41	3,408.68	0.00
MW-1	12/06/04		0.00	30.30	3,408.79	0.00
MW-1	12/21/04		0.00	30.29	3,408.80	0.00
MW-1	01/03/05		0.00	30.45	3,408.64	0.00
MW-1	01/18/05		0.00	30.57	3,408.52	0.00
MW-1	02/01/05		0.00	30.65	3,408.44	0.00
MW-1	03/21/05		0.00	30.81	3,408.28	0.00
MW-1	04/21/05		0.00	31.03	3,408.06	0.00
MW-1	05/05/05		0.00	31.04	3,408.05	0.00
MW-1	05/17/05		0.00	31.11	3,407.98	0.00
MW-1	08/15/05		0.00	31.50	3,407.59	0.00
MW-1	10/05/05		0.00	31.24	3,407.85	0.00
MW-1	11/18/05		0.00	31.44	3,407.65	0.00
MW-1	01/12/06		0.00	31.56	3,407.53	0.00
MW-1	02/16/06		0.00	31.68	3,407.41	0.00
MW-1	03/16/06		0.00	31.88	3,407.21	0.00
MW-1	04/10/06		0.00	31.83	3,407.26	0.00
MW-1	05/22/06		0.00	31.97	3,407.12	0.00
MW-1	07/20/06		0.00	32.44	3,406.65	0.00
MW-1	08/07/06		0.00	32.55	3,406.54	0.00
MW-1	09/11/06		0.00	31.87	3,407.22	0.00
MW-1	10/17/06		0.00	31.81	3,407.28	0.00
MW-1	11/21/06		0.00	31.91	3,407.18	0.00
MW-1	12/13/06		0.00	31.93	3,407.16	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-2	07/10/02	3,432.62	0.00	31.31	3,401.31	0.00
MW-2	04/15/03		0.00	30.68	3,401.94	0.00
MW-2	07/14/03		0.00	31.70	3,400.92	0.00
MW-2	04/20/04		0.00	28.20	3,404.42	0.00
MW-2	05/07/04		0.00	28.44	3,404.18	0.00
MW-2	05/25/04		0.00	28.72	3,403.90	0.00
MW-2	06/10/04		0.00	29.14	3,403.48	0.00
MW-2	07/14/04		0.00	27.73	3,404.89	0.00
MW-2	07/21/04		0.00	27.71	3,404.91	0.00
MW-2	08/02/04		0.00	27.96	3,404.66	0.00
MW-2	09/10/04		0.00	27.52	3,405.10	0.00
MW-2	09/14/04		0.00	27.51	3,405.11	0.00
MW-2	10/05/04		0.00	24.25	3,408.37	0.00
MW-2	10/19/04		0.00	23.12	3,409.50	0.00
MW-2	11/02/04		0.00	23.22	3,409.40	0.00
MW-2	11/15/04		0.00	23.50	3,409.12	0.00
MW-2	12/06/04		0.00	23.63	3,408.99	0.00
MW-2	12/21/04		0.00	23.63	3,408.99	0.00
MW-2	01/03/05		0.00	23.91	3,408.71	0.00
MW-2	01/18/05		0.00	24.05	3,408.57	0.00
MW-2	02/01/05		0.00	24.17	3,408.45	0.00
MW-2	03/21/05		0.00	24.44	3,408.18	0.00
MW-2	04/21/05		0.00	24.67	3,407.95	0.00
MW-2	05/05/05		0.00	24.63	3,407.99	0.00
MW-2	05/17/05		0.00	24.78	3,407.84	0.00
MW-2	08/15/05		0.00	25.18	3,407.44	0.00
MW-2	10/05/05		0.00	24.93	3,407.69	0.00
MW-2	11/18/05		0.00	25.07	3,407.55	0.00
MW-2	01/12/06		0.00	25.18	3,407.44	0.00
MW-2	02/16/06		0.00	25.36	3,407.26	0.00
MW-2	03/16/06		0.00	25.57	3,407.05	0.00
MW-2	04/10/06		0.00	25.48	3,407.14	0.00
MW-2	05/22/06		0.00	25.63	3,406.99	0.00
MW-2	07/20/06		0.00	26.15	3,406.47	0.00
MW-2	08/07/06		0.00	26.28	3,406.34	0.00
MW-2	09/11/06		0.00	25.30	3,407.32	0.00
MW-2	10/17/06		0.00	25.39	3,407.23	0.00
MW-2	11/21/06		0.00	25.46	3,407.16	0.00
MW-2	12/13/06		0.00	25.48	3,407.14	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-3	07/10/02	3,433.61	0.00	34.48	3,399.13	0.00
MW-3	04/15/03		0.00	32.14	3,401.47	0.00
MW-3	07/14/03		0.00	32.95	3,400.66	0.00
MW-3	04/20/04		0.00	29.17	3,404.44	0.00
MW-3	05/07/04		0.00	29.55	3,404.06	0.00
MW-3	05/25/04		0.00	29.80	3,403.81	0.00
MW-3	06/10/04		0.00	30.12	3,403.49	0.00
MW-3	07/14/04		0.00	28.33	3,405.28	0.00
MW-3	07/21/04		0.00	28.59	3,405.02	0.00
MW-3	08/02/04		0.00	28.85	3,404.76	0.00
MW-3	09/10/04		0.00	28.35	3,405.26	0.00
MW-3	09/14/04		0.00	28.45	3,405.16	0.00
MW-3	10/05/04		0.00	25.00	3,408.61	0.00
MW-3	10/19/04		0.00	23.24	3,410.37	0.00
MW-3	11/02/04		0.00	23.29	3,410.32	0.00
MW-3	11/15/04		0.00	24.10	3,409.51	0.00
MW-3	12/06/04		0.00	24.33	3,409.28	0.00
MW-3	12/21/04		0.00	24.39	3,409.22	0.00
MW-3	01/03/05		0.00	24.73	3,408.88	0.00
MW-3	01/18/05		0.00	24.94	3,408.67	0.00
MW-3	02/01/05		0.00	25.08	3,408.53	0.00
MW-3	03/21/05		0.00	25.40	3,408.21	0.00
MW-3	04/21/05		0.00	25.66	3,407.95	0.00
MW-3	05/05/05		0.00	25.63	3,407.98	0.00
MW-3	05/17/05		0.00	25.82	3,407.79	0.00
MW-3	08/15/05		0.00	26.06	3,407.55	0.00
MW-3	10/05/05		0.00	25.98	3,407.63	0.00
MW-3	11/18/05		0.00	26.26	3,407.35	0.00
MW-3	01/12/06		0.00	26.37	3,407.24	0.00
MW-3	02/16/06		0.00	26.52	3,407.09	0.00
MW-3	03/16/06		0.00	26.71	3,406.90	0.00
MW-3	04/10/06		0.00	26.69	3,406.92	0.00
MW-3	05/22/06		0.00	26.84	3,406.77	0.00
MW-3	07/20/06		0.00	28.27	3,405.34	0.00
MW-3	08/07/06		0.00	27.39	3,406.22	0.00
MW-3	09/11/06		0.00	26.52	3,407.09	0.00
MW-3	10/17/06		0.00	22.62	3,410.99	0.00
MW-3	11/21/06		0.00	26.77	3,406.84	0.00
MW-3	12/13/06		0.00	26.80	3,406.81	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-4	07/10/02	3,432.35	30.70	30.95	3,401.63	0.25
MW-4	11/18/02		29.28	29.95	3,403.00	0.67
MW-4	12/13/02		29.75	30.99	3,402.48	1.24
MW-4	03/24/03		30.56	31.03	3,401.74	0.47
MW-4	04/15/03		30.55	31.05	3,401.75	0.50
MW-4	05/02/03		30.71	30.94	3,401.62	0.23
MW-4	06/16/03		31.09	31.18	3,401.25	0.09
MW-4	07/14/03		31.50	31.81	3,400.82	0.31
MW-4	07/31/03		31.49	31.80	3,400.83	0.31
MW-4	09/22/03		32.05	32.07	3,400.30	0.02
MW-4	10/23/03		32.03	33.07	3,400.22	1.04
MW-4	11/05/03		32.10	34.65	3,400.00	2.55
MW-4	01/02/04		31.82	35.30	3,400.18	3.48
MW-4	01/30/04		32.20	34.20	3,399.95	2.00
MW-4	03/03/04		32.19	34.21	3,399.96	2.02
MW-4	03/15/04		32.15	33.87	3,400.03	1.72
MW-4	03/25/04		32.14	33.87	3,400.04	1.73
MW-4	04/20/04		27.20	27.86	3,405.08	0.66
MW-4	05/07/04		27.89	28.63	3,404.39	0.74
MW-4	05/25/04		28.55	28.78	3,403.78	0.23
MW-4	06/10/04		28.80	28.84	3,403.55	0.04
MW-4	07/14/04		0.00	26.88	3,405.47	0.00
MW-4	07/21/04		0.00	27.67	3,404.68	0.00
MW-4	08/02/04		0.00	27.28	3,405.07	0.00
MW-4	09/10/04		0.00	27.25	3,405.10	0.00
MW-4	09/14/04		0.00	27.15	3,405.20	0.00
MW-4	10/05/04		0.00	23.20	3,409.15	0.00
MW-4	10/19/04		0.00	22.00	3,410.35	0.00
MW-4	11/02/04		0.00	22.29	3,410.06	0.00
MW-4	11/15/04		0.00	22.95	3,409.40	0.00
MW-4	12/06/04		0.00	23.19	3,409.16	0.00
MW-4	12/21/04		0.00	23.21	3,409.14	0.00
MW-4	01/03/05		0.00	23.56	3,408.79	0.00
MW-4	01/18/05		0.00	23.75	3,408.60	0.00
MW-4	02/01/05		0.00	23.83	3,408.52	0.00
MW-4	03/21/05		0.00	24.11	3,408.24	0.00
MW-4	04/21/05		0.00	24.56	3,407.79	0.00
MW-4	05/05/05		0.00	24.54	3,407.81	0.00
MW-4	05/17/05		0.00	24.68	3,407.67	0.00
MW-4	08/15/05		0.00	24.98	3,407.37	0.00
MW-4	10/05/05		0.00	24.85	3,407.50	0.00
MW-4	11/18/05		0.00	25.04	3,407.31	0.00
MW-4	01/12/06		0.00	25.13	3,407.22	0.00
MW-4	02/16/06		0.00	25.31	3,407.04	0.00
MW-4	03/16/06		0.00	25.42	3,406.93	0.00
MW-4	04/10/06		0.00	25.42	3,406.93	0.00
MW-4	05/22/06		0.00	25.29	3,407.06	0.00
MW-4	07/20/06		0.00	26.02	3,406.33	0.00
MW-4	08/07/06		0.00	26.33	3,406.02	0.00
MW-4	09/11/06		0.00	25.02	3,407.33	0.00
MW-4	10/17/06		0.00	25.34	3,407.01	0.00
MW-4	11/21/06		0.00	25.37	3,406.98	0.00
MW-4	12/13/06		0.00	24.71	3,407.64	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-5	07/10/02	3,429.63	0.00	27.16	3,402.47	0.00
MW-5	04/15/03		0.00	27.79	3,401.84	0.00
MW-5	07/14/03		0.00	28.79	3,400.84	0.00
MW-5	04/20/04		0.00	23.73	3,405.90	0.00
MW-5	05/07/04		0.00	24.75	3,404.88	0.00
MW-5	05/25/04		0.00	25.32	3,404.31	0.00
MW-5	06/10/04		0.00	25.66	3,403.97	0.00
MW-5	07/14/04		0.00	23.33	3,406.30	0.00
MW-5	07/21/04		0.00	24.30	3,405.33	0.00
MW-5	08/02/04		0.00	23.88	3,405.75	0.00
MW-5	09/10/04		0.00	23.58	3,406.05	0.00
MW-5	09/14/04		0.00	23.88	3,405.75	0.00
MW-5	10/05/04		0.00	17.86	3,411.77	0.00
MW-5	10/19/04		0.00	17.50	3,412.13	0.00
MW-5	11/02/04		0.00	17.52	3,412.11	0.00
MW-5	11/15/04		0.00	19.54	3,410.09	0.00
MW-5	12/06/04		0.00	20.04	3,409.59	0.00
MW-5	12/21/04		0.00	20.17	3,409.46	0.00
MW-5	01/03/05		0.00	20.60	3,409.03	0.00
MW-5	01/18/05		0.00	20.86	3,408.77	0.00
MW-5	02/01/05		0.00	21.05	3,408.58	0.00
MW-5	03/21/05		0.00	21.41	3,408.22	0.00
MW-5	04/21/05		0.00	21.76	3,407.87	0.00
MW-5	05/05/05		0.00	21.76	3,407.87	0.00
MW-5	05/17/05		0.00	21.87	3,407.76	0.00
MW-5	08/15/05		0.00	22.00	3,407.63	0.00
MW-5	10/05/05		0.00	22.01	3,407.62	0.00
MW-5	11/18/05		0.00	22.20	3,407.43	0.00
MW-5	01/12/06		0.00	22.32	3,407.31	0.00
MW-5	02/16/06		0.00	22.56	3,407.07	0.00
MW-5	03/16/06		0.00	22.71	3,406.92	0.00
MW-5	04/10/06		0.00	22.66	3,406.97	0.00
MW-5	05/22/06		0.00	22.83	3,406.80	0.00
MW-5	07/20/06		0.00	23.26	3,406.37	0.00
MW-5	08/07/06		0.00	23.27	3,406.36	0.00
MW-5	09/11/06		0.00	22.23	3,407.40	0.00
MW-5	10/17/06		0.00	22.67	3,406.96	0.00
MW-5	11/21/06		0.00	22.67	3,406.96	0.00
MW-5	12/13/06		0.00	22.71	3,406.92	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-6	07/10/02	3,429.30	0.00	27.16	3,402.14	0.00
MW-6	04/15/03		0.00	27.93	3,401.37	0.00
MW-6	07/14/03		0.00	28.90	3,400.40	0.00
MW-6	04/20/04		0.00	23.65	3,405.65	0.00
MW-6	05/07/04		0.00	24.72	3,404.58	0.00
MW-6	05/25/04		0.00	25.30	3,404.00	0.00
MW-6	06/10/04		0.00	25.75	3,403.55	0.00
MW-6	07/14/04		0.00	23.15	3,406.15	0.00
MW-6	07/21/04		0.00	24.41	3,404.89	0.00
MW-6	08/02/04		0.00	23.78	3,405.52	0.00
MW-6	09/10/04		0.00	23.86	3,405.44	0.00
MW-6	09/14/04		0.00	24.10	3,405.20	0.00
MW-6	10/05/04		0.00	16.96	3,412.34	0.00
MW-6	10/19/04		0.00	16.84	3,412.46	0.00
MW-6	11/02/04		0.00	16.86	3,412.44	0.00
MW-6	11/15/04		0.00	19.33	3,409.97	0.00
MW-6	12/06/04		0.00	19.77	3,409.53	0.00
MW-6	12/21/04		0.00	19.98	3,409.32	0.00
MW-6	01/03/05		0.00	20.42	3,408.88	0.00
MW-6	01/18/05		0.00	20.70	3,408.60	0.00
MW-6	02/01/05		0.00	20.90	3,408.40	0.00
MW-6	03/21/05		0.00	21.52	3,407.78	0.00
MW-6	04/21/05		0.00	21.64	3,407.66	0.00
MW-6	05/05/05		0.00	21.62	3,407.68	0.00
MW-6	05/17/05		0.00	21.77	3,407.53	0.00
MW-6	08/15/05		0.00	21.91	3,407.39	0.00
MW-6	10/05/05		0.00	21.98	3,407.32	0.00
MW-6	11/18/05		0.00	22.25	3,407.05	0.00
MW-6	01/12/06		0.00	22.36	3,406.94	0.00
MW-6	02/16/06		0.00	22.51	3,406.79	0.00
MW-6	03/16/06		0.00	22.71	3,406.59	0.00
MW-6	04/10/06		0.00	22.65	3,406.65	0.00
MW-6	05/22/06		0.00	22.82	3,406.48	0.00
MW-6	07/20/06		0.00	23.26	3,406.04	0.00
MW-6	08/07/06		0.00	24.37	3,404.93	0.00
MW-6	09/11/06		0.00	22.28	3,407.02	0.00
MW-6	10/17/06		0.00	22.54	3,406.76	0.00
MW-6	11/21/06		0.00	22.66	3,406.64	0.00
MW-6	12/13/06		0.00	22.69	3,406.61	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-7	06/10/04	3,431.37	0.00	27.15	3,404.22	0.00
MW-7	07/14/04		0.00	25.69	3,405.68	0.00
MW-7	07/21/04		0.00	25.93	3,405.44	0.00
MW-7	08/02/04		0.00	26.10	3,405.27	0.00
MW-7	09/10/04		0.00	25.73	3,405.64	0.00
MW-7	09/14/04		0.00	25.75	3,405.62	0.00
MW-7	10/05/04		0.00	22.65	3,408.72	0.00
MW-7	10/19/04		0.00	21.55	3,409.82	0.00
MW-7	11/02/04		0.00	21.58	3,409.79	0.00
MW-7	11/15/04		0.00	21.68	3,409.69	0.00
MW-7	12/06/04		0.00	21.80	3,409.57	0.00
MW-7	12/21/04		0.00	21.43	3,409.94	0.00
MW-7	01/03/05		0.00	22.03	3,409.34	0.00
MW-7	01/18/05		0.00	22.18	3,409.19	0.00
MW-7	02/01/05		0.00	22.29	3,409.08	0.00
MW-7	03/21/05		0.00	22.49	3,408.88	0.00
MW-7	04/21/05		0.00	22.76	3,408.61	0.00
MW-7	05/05/05		0.00	22.74	3,408.63	0.00
MW-7	05/17/05		0.00	22.86	3,408.51	0.00
MW-7	08/15/05		0.00	23.30	3,408.07	0.00
MW-7	10/05/05		0.00	23.01	3,408.36	0.00
MW-7	11/18/05		0.00	23.18	3,408.19	0.00
MW-7	01/12/06		0.00	23.25	3,408.12	0.00
MW-7	02/16/06		0.00	23.41	3,407.96	0.00
MW-7	03/16/06		0.00	23.60	3,407.77	0.00
MW-7	04/10/06		0.00	23.52	3,407.85	0.00
MW-7	05/22/06		0.00	23.75	3,407.62	0.00
MW-7	07/20/06		0.00	24.24	3,407.13	0.00
MW-7	08/07/06		0.00	24.33	3,407.04	0.00
MW-7	09/11/06		0.00	23.41	3,407.96	0.00
MW-7	10/17/06		0.00	23.44	3,407.93	0.00
MW-7	11/21/06		0.00	23.49	3,407.88	0.00
MW-7	12/13/06		0.00	23.48	3,407.89	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-8	06/10/04	3,431.07	0.00	27.52	3,403.55	0.00
MW-8	07/14/04		0.00	25.69	3,405.38	0.00
MW-8	07/21/04		0.00	25.46	3,405.61	0.00
MW-8	08/02/04		0.00	25.88	3,405.19	0.00
MW-8	09/10/04		0.00	25.35	3,405.72	0.00
MW-8	09/14/04		0.00	25.51	3,405.56	0.00
MW-8	10/05/04		0.00	20.30	3,410.77	0.00
MW-8	10/19/04		0.00	19.44	3,411.63	0.00
MW-8	11/02/04		0.00	19.46	3,411.61	0.00
MW-8	11/15/04		0.00	21.07	3,410.00	0.00
MW-8	12/06/04		0.00	21.48	3,409.59	0.00
MW-8	12/21/04		0.00	21.58	3,409.49	0.00
MW-8	01/03/05		0.00	21.98	3,409.09	0.00
MW-8	01/18/05		0.00	22.21	3,408.86	0.00
MW-8	02/01/05		0.00	22.37	3,408.70	0.00
MW-8	03/21/05		0.00	22.72	3,408.35	0.00
MW-8	04/21/05		0.00	22.92	3,408.15	0.00
MW-8	05/05/05		0.00	22.90	3,408.17	0.00
MW-8	05/17/05		0.00	23.16	3,407.91	0.00
MW-8	08/15/05		0.00	23.41	3,407.66	0.00
MW-8	10/05/05		0.00	23.29	3,407.78	0.00
MW-8	11/18/05		0.00	23.55	3,407.52	0.00
MW-8	01/12/06		0.00	23.58	3,407.49	0.00
MW-8	02/16/06		0.00	23.80	3,407.27	0.00
MW-8	03/16/06		0.00	23.92	3,407.15	0.00
MW-8	04/10/06		0.00	24.09	3,406.98	0.00
MW-8	05/22/06		0.00	24.25	3,406.82	0.00
MW-8	07/20/06		0.00	24.57	3,406.50	0.00
MW-8	08/07/06		0.00	24.66	3,406.41	0.00
MW-8	09/11/06		0.00	23.65	3,407.42	0.00
MW-8	10/17/06		0.00	23.83	3,407.24	0.00
MW-8	11/21/06		0.00	24.18	3,406.89	0.00
MW-8	12/13/06		0.00	24.23	3,406.84	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-9	06/10/04	3,429.79	0.00	Screen Filled With Mud		0.00
MW-9	07/14/04		0.00	24.02	3,405.77	0.00
MW-9	07/21/04		0.00	23.84	3,405.95	0.00
MW-9	08/02/04		0.00	24.77	3,405.02	0.00
MW-9	09/10/04		0.00	24.21	3,405.58	0.00
MW-9	09/14/04		0.00	24.27	3,405.52	0.00
MW-9	10/05/04		0.00	15.51	3,414.28	0.00
MW-9	10/19/04		0.00	16.54	3,413.25	0.00
MW-9	11/02/04		0.00	16.57	3,413.22	0.00
MW-9	11/15/04		0.00	19.53	3,410.26	0.00
MW-9	12/06/04		0.00	20.02	3,409.77	0.00
MW-9	12/21/04		0.00	20.36	3,409.43	0.00
MW-9	01/03/05		0.00	20.83	3,408.96	0.00
MW-9	01/18/05		0.00	21.10	3,408.69	0.00
MW-9	02/01/05		0.00	21.30	3,408.49	0.00
MW-9	03/21/05		0.00	21.69	3,408.10	0.00
MW-9	04/21/05		0.00	22.08	3,407.71	0.00
MW-9	05/05/05		0.00	22.06	3,407.73	0.00
MW-9	05/17/05		0.00	22.23	3,407.56	0.00
MW-9	08/15/05		0.00	22.30	3,407.49	0.00
MW-9	10/05/05		0.00	22.41	3,407.38	0.00
MW-9	11/18/05		0.00	22.68	3,407.11	0.00
MW-9	01/12/06		0.00	22.71	3,407.08	0.00
MW-9	02/16/06		0.00	22.93	3,406.86	0.00
MW-9	03/16/06		0.00	23.12	3,406.67	0.00
MW-9	04/10/06		0.00	23.10	3,406.69	0.00
MW-9	05/22/06		0.00	23.21	3,406.58	0.00
MW-9	07/20/06		0.00	23.69	3,406.10	0.00
MW-9	08/07/06		0.00	24.02	3,405.77	0.00
MW-9	09/11/06		0.00	22.61	3,407.18	0.00
MW-9	10/17/06		0.00	22.98	3,406.81	0.00
MW-9	11/21/06		0.00	23.06	3,406.73	0.00
MW-9	12/13/06		0.00	23.71	3,406.08	0.00

Table 1

GROUNDWATER ELEVATION AND PSH DATA

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All measurements are in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)*	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	Corrected Relative Groundwater Elevation*	PSH Thickness
MW-10	11/15/04	3,429.49	0.00	19.61	3,409.88	0.00
MW-10	12/06/04		0.00	19.95	3,409.54	0.00
MW-10	12/21/04		0.00	20.13	3,409.36	0.00
MW-10	01/03/05		0.00	20.56	3,408.93	0.00
MW-10	01/18/05		0.00	20.79	3,408.70	0.00
MW-10	02/01/05		0.00	20.98	3,408.51	0.00
MW-10	03/21/05		0.00	21.36	3,408.13	0.00
MW-10	04/21/05		0.00	21.64	3,407.85	0.00
MW-10	05/05/05		0.00	21.69	3,407.80	0.00
MW-10	05/17/05		0.00	21.81	3,407.68	0.00
MW-10	08/15/05		0.00	21.93	3,407.56	0.00
MW-10	10/05/05		0.00	21.98	3,407.51	0.00
MW-10	11/18/05		0.00	22.22	3,407.27	0.00
MW-10	01/12/06		0.00	22.33	3,407.16	0.00
MW-10	02/16/06		0.00	22.47	3,407.02	0.00
MW-10	03/16/06		0.00	22.77	3,406.72	0.00
MW-10	04/10/06		0.00	22.60	3,406.89	0.00
MW-10	05/22/06		0.00	22.78	3,406.71	0.00
MW-10	07/20/06		0.00	23.18	3,406.31	0.00
MW-10	08/07/06		0.00	23.25	3,406.24	0.00
MW-10	09/11/06		0.00	22.11	3,407.38	0.00
MW-10	10/17/06		0.00	22.46	3,407.03	0.00
MW-10	11/21/06		0.00	22.57	3,406.92	0.00
MW-10	12/13/06		0.00	22.61	3,406.88	0.00
MW-11	11/15/04	3,428.32	0.00	18.26	3,410.06	0.00
MW-11	12/06/04		0.00	18.67	3,409.65	0.00
MW-11	12/21/04		0.00	18.93	3,409.39	0.00
MW-11	01/03/05		0.00	19.4	3,408.92	0.00
MW-11	01/18/05		0.00	19.68	3,408.64	0.00
MW-11	02/01/05		0.00	19.9	3,408.42	0.00
MW-11	03/21/05		0.00	20.34	3,407.98	0.00
MW-11	04/21/05		0.00	20.70	3,407.62	0.00
MW-11	05/05/05		0.00	20.71	3,407.61	0.00
MW-11	05/17/05		0.00	20.87	3,407.45	0.00
MW-11	08/15/05		0.00	20.95	3,407.37	0.00
MW-11	10/05/05		0.00	21.04	3,407.28	0.00
MW-11	11/18/05		0.00	21.31	3,407.01	0.00
MW-11	01/12/06		0.00	21.55	3,406.77	0.00
MW-11	02/16/06		0.00	21.58	3,406.74	0.00
MW-11	03/16/06		0.00	21.77	3,406.55	0.00
MW-11	04/10/06		0.00	21.75	3,406.57	0.00
MW-11	05/22/06		0.00	21.90	3,406.42	0.00
MW-11	08/07/06		0.00	22.32	3,406.00	0.00
MW-11	09/11/06		0.00	21.19	3,407.13	0.00
MW-11	10/17/06		0.00	21.49	3,406.83	0.00
MW-11	11/21/06		0.00	21.61	3,406.71	0.00
MW-11	12/13/06		0.00	21.64	3,406.68	0.00

* - Wells are referenced to the TOC of groundwater monitoring well MW-2 (set to an elevation 3,432.62 feet)
PSH - Phase separated hydrocarbons

Table 2

CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All concentrations are reported in mg/l

Monitor Well Location	Date	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Chloride	Total Dissolved Solids	TPH as Diesel	PH as Gasolin	Total TPH
MW-1	09/13/01	0.002	0.003	<0.001	<0.001	<0.001	**0.549**	**1.65**	<0.003	<0.003	<0.006
MW-1	01/24/02	<0.001	<0.001	<0.001	<0.001	<0.001	**0.617**	**1.83**			
MW-1	04/12/02	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-1	07/10/02	0.00188	<0.001	0.00187	0.00104	<0.001					
MW-1	04/15/03	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-1	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-1	04/20/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	07/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	09/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	12/21/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	03/21/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	08/15/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	02/16/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-1	05/22/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-2	01/24/02	**0.368**	<0.001	0.0537	0.065	0.0125	**0.000712**	**0.002**			
MW-2	04/12/02	**0.127**	<0.001	0.0254	0.0283	0.00833					
MW-2	07/10/02	**0.0674**	0.00188	0.0176	0.0154	0.00389					
MW-2	04/15/03	**0.229**	0.001	0.0588	0.0443	0.0124					
MW-2	07/14/03	**0.185**	<0.001	0.0351	0.0295	0.00823					
MW-2	04/20/04	**0.125**	<0.001	0.0341	0.0567	0.0153					
MW-2	07/14/04	**0.209**	0.00616	0.047	0.0212	0.0154					
MW-2	09/14/04	**0.125**	0.00276	0.0358	0.0106	0.00701					
MW-2	12/21/04	**0.267**	0.00124	0.0357	<0.002	0.00109					
MW-2	03/21/05	**0.186**	<0.001	0.0136	0.00541	0.00199					
MW-2	05/17/05	**0.342**	0.001	0.0281	0.0334	0.0147					
MW-2	08/15/05	**0.145**	0.00718	0.0187	0.02	0.00849					
MW-2	11/18/05	**0.413**	0.00207	0.114	0.122	0.0349					
MW-2	02/16/06	**0.433**	<0.001	0.146	0.161	0.00465					
MW-2	05/22/06	**0.694**	0.162	0.172	0.206	0.0182					
MW-2	08/07/06	**0.664**	0.00604	0.0496	0.0816	0.00811					
MW-2	11/21/06	**0.461**	<0.005	0.0638	0.0614	<0.005					

Table 2

CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
***Plains Pipeline*, L. P. SRS Number 2001-11226**
Terracon Project Number A4077007

All concentrations are reported in mg/l

Monitor Well Location	Date	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Chloride	Total Dissolved Solids	TPH as Diesel	PH as Gasolin	Total TPH
MW-3	09/13/01	<0.001	<0.001	<0.001	<0.001	<0.001	**0.922**	**2.75**	<0.003	<0.003	<0.006
MW-3	01/24/02	<0.001	<0.001	<0.001	<0.001	<0.001	**1.06**	**2.76**			
MW-3	04/12/02	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-3	07/10/02	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-3	04/15/03	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-3	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-3	04/20/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	07/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	09/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	12/21/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	08/15/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	02/16/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-3	05/22/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-4	01/24/02	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	04/12/02	**0.48**	0.361	0.199	0.334	0.216					
MW-4	07/10/02	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	04/15/03	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	07/14/03	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	04/20/04	**3.21**	**2.31**	**0.845**	1.87	1.03					
MW-4	07/14/04	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	09/14/04	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	12/21/04	**0.829**	0.0066	0.173	0.176	0.0595					
MW-4	03/21/05	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	05/17/05	Not Sampled due to the presence of Phase Separated Hydrocarbons									
MW-4	08/15/05	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-4	11/18/05	**2.62**	<0.002	0.379	0.711	0.0365					
MW-4	02/16/06	**2.1**	<0.001	0.414	0.806	<0.001					
MW-4	05/22/06	**2.11**	<0.005	0.372	0.663	<0.005					
MW-4	08/07/06	**2.84**	0.00604	0.049	0.0816	0.00811					
MW-4	11/21/06	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-5	09/13/01	**0.535**	0.075	0.084	0.438	0.04	**0.709**	**2.03**	0.00634	0.00302	0.00936
MW-5	01/24/02	**0.28**	0.00319	0.107	0.00828	0.00565	**0.635**	**2.08**			
MW-5	04/12/02	**0.303**	0.00948	0.129	0.00816	0.0132					
MW-5	04/15/03	**0.129**	0.00354	0.0366	0.00352	0.00238					
MW-5	07/14/03	**0.0814**	<0.001	0.0344	0.00141	<0.001					
MW-5	04/20/04	**0.482**	0.00237	0.101	0.0601	0.0313					
MW-5	07/14/04	**0.0708**	<0.001	0.0486	0.0046	0.00207					
MW-5	09/14/04	**0.118**	0.00135	0.0588	0.0045	0.00161					
MW-5	12/21/04	**0.204**	<0.001	0.0667	<0.002	<0.001					
MW-5	03/21/05	**0.0308**	<0.001	0.0171	0.00367	<0.001					
MW-5	05/17/05	**0.00966**	<0.001	<0.001	<0.002	<0.001					
MW-5	08/15/05	**0.0138**	0.00173	0.00438	<0.002	<0.001					
MW-5	11/18/05	**0.0107**	0.00115	<0.001	<0.002	<0.001					
MW-5	02/16/06	0.00747	<0.001	0.00293	<0.002	<0.001					
MW-5	05/22/06	0.00318	<0.001	<0.001	<0.002	<0.001					
MW-5	08/07/06	**0.0964**	0.00763	0.0028	<0.002	0.00133					
MW-5	11/21/06	**0.0883**	0.0241	0.00988	0.013	0.00727					

Table 2

CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All concentrations are reported in mg/l

Monitor Well Location	Date	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Chloride	Total Dissolved Solids	TPH as Diesel	PH as Gasolin	Total TPH
MW-6	01/24/02	<0.001	<0.001	<0.001	<0.001	<0.001	**0.745**	**2.29**			
MW-6	04/12/02	<0.001	<0.001	<0.001	<0.001	<0.001					
MW-6	07/10/02	0.00153	<0.001	<0.001	<0.001	<0.001					
MW-6	04/15/03	0.00274	<0.001	<0.001	<0.001	<0.001					
MW-6	07/14/03	0.00254	<0.001	<0.001	<0.001	<0.001					
MW-6	04/20/04	0.00106	<0.001	<0.001	<0.002	<0.001					
MW-6	07/14/04	0.00195	<0.001	<0.001	<0.002	<0.001					
MW-6	09/14/04	**0.01**	<0.001	<0.001	<0.002	<0.001					
MW-6	12/21/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	03/21/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	05/17/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	08/15/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	11/18/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	02/16/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	05/22/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	08/07/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-6	11/21/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	07/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	09/14/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	12/21/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	03/21/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	05/17/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	08/15/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	11/18/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	02/16/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	05/22/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	08/07/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-7	11/21/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-8	07/14/04	**0.575**	0.141	0.0884	0.0762	0.0868					
MW-8	09/14/04	**0.482**	0.0356	0.106	0.0582	0.0551					
MW-8	12/21/04	**4.22**	0.113	0.695	0.208	0.075					
MW-8	03/21/05	**3.41**	<0.01	0.452	0.133	0.0152					
MW-8	05/17/05	**2.29**	<0.001	0.115	0.0323	0.00568					
MW-8	08/15/05	**1.21**	<0.001	0.0749	0.0326	0.00149					
MW-8	11/18/05	**0.67**	<0.001	0.0299	0.0165	<0.001					
MW-8	02/16/06	**0.243**	<0.001	0.0359	0.0239	<0.001					
MW-8	05/22/06	**0.0974**	<0.001	0.0278	0.022	<0.001					
MW-8	08/07/06	**0.133**	<0.001	0.00758	0.00497	<0.001					
MW-8	11/21/06	Not Sampled due to the Presence of Phase Separated Hydrocarbons									
MW-9	07/14/04	**0.0275**	0.0109	0.487	0.305	0.319					
MW-9	09/14/04	**0.15**	0.00215	0.225	0.029	0.119					
MW-9	12/21/04	<0.001	<0.001	0.0335	0.00261	0.0204					
MW-9	03/21/05	0.00925	<0.001	0.0151	0.00961	0.0209					
MW-9	05/17/05	0.00498	<0.001	0.0148	0.0145	0.0311					
MW-9	08/15/05	**0.0228**	<0.001	0.063	0.0208	0.0357					
MW-9	11/18/05	0.00399	<0.001	0.0281	0.0276	0.0607					
MW-9	02/16/06	0.00881	<0.001	0.0327	0.0324	0.0727					
MW-9	05/22/06	0.00738	<0.001	0.0346	0.0381	0.0743					
MW-9	08/07/06	0.00426	<0.001	0.0228	0.0249	0.0423					
MW-9	11/21/06	0.00342	<0.001	0.0271	0.0232	0.048					

Table 2

CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

All concentrations are reported in mg/l

Monitor Well Location	Date	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Chloride	Total Dissolved Solids	TPH as Diesel	PH as Gasolin	Total TPH
MW-10	11/15/04	**1.25**	0.0967	0.14	0.109	0.0108					
MW-10	03/21/05	**1.13**	0.0141	0.138	0.05	0.00484					
MW-10	05/17/05	**2.17**	0.0144	0.194	0.147	0.00755					
MW-10	08/15/05	**0.791**	<0.001	0.074	0.0437	<0.001					
MW-10	11/18/05	**1.25**	<0.001	0.916	0.0597	<0.001					
MW-10	02/16/06	**0.276**	<0.001	0.538	0.0859	<0.001					
MW-10	05/22/06	**1.32**	<0.005	0.105	<0.01	<0.005					
MW-10	08/07/06	**1.51**	<0.001	0.103	0.023	<0.001					
MW-10	11/21/06	**0.222**	<0.005	0.0215	<0.01	<0.005					
MW-11	11/15/04	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	03/21/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	05/17/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	08/15/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	11/18/05	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	02/16/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	05/22/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	08/07/06	<0.001	<0.001	<0.001	<0.002	<0.001					
MW-11	11/21/06	<0.001	<0.001	<0.001	<0.002	<0.001					
NMWQCC Groundwater Standards		**0.01**	**0.75**	**0.75**	**Total Xylenes 0.62**		**250**	**1**	**NE**	**NE**	**NE**

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes
TPH - Total Petroleum Hydrocarbons
mg/L - milligrams per liter
Results in **BOLD** equal or exceed New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards
NE - Not Established

Table 3

CONCENTRATIONS OF PAHs IN GROUNDWATER
Livingston Line - Bob McCasland Pipeline Leak
Lea County, New Mexico
Plains Pipeline, L. P. SRS Number 2001-11226
Terracon Project Number A4077007

Concentrations are in mg/L

Monitor Well Location	Date	Napthalene	Acenapthylene	Acenapthene	Flourene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[j,k]-fluoranthene	Benzo[a]-pyrene	Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene
MW-1	09/13/01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-1	07/14/04	<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-1	03/21/05	<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-1	02/16/06	<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	07/14/04	0.0133	<0.00005	<0.00005	0.000061	0.000497	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-2	03/21/05	0.00883	<0.00005	0.000054	0.000052	0.000325	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-2	02/16/06	0.0128	<0.00005	<0.00005	0.000103	0.000352	<0.00005	<0.00005	<0.00005	<0.00005	0.000066	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-3	09/13/01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-3	07/14/04	CONTAINER BROKEN IN TRANSIT															
MW-3	09/14/04	<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	03/21/05	<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	02/16/06	<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-4	01/24/02	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	07/10/02	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	04/15/03	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	07/14/03	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	07/14/04	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	09/14/04	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	03/21/05	NOT SAMPLED DUE TO THE PRESENCE OF PHASE SEPARATED HYDROCARBONS															
MW-4	02/16/06	**0.113**	<0.00005	<0.00005	0.000855	0.00916	<0.00005	<0.00005	<0.00005	<0.00005	0.00252	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-5	09/13/01	**0.049**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-5	07/14/04	CONTAINER BROKE IN TRANSIT															
MW-5	09/14/04	<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	03/21/05	CONTAINER BROKE IN TRANSIT															
MW-5	02/16/06	0.000415	<0.00005	0.000059	0.000147	0.000309	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-6	07/14/04	0.00122	<0.00005	<0.00005	<0.00005	0.000085	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-6	03/21/05	0.000089	<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-6	02/16/06	<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-7	07/14/04	0.000261	<0.00005	<0.00005	<0.00005	0.000293	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-7	03/21/05	0.000448	<0.00005	<0.00005	<0.00005	0.000222	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-7	02/16/06	0.000057	<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-8	07/14/04	0.00494	0.000064	<0.00005	0.000127	0.00143	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-8	03/21/05	0.0057	<0.00005	<0.00005	<0.00005	0.00283	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-8	02/16/06	0.00529	0.00007	<0.00005	<0.00005	0.00282	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-9	07/14/04	0.00798	<0.00005	0.000089	0.000308	0.00008	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-9	03/21/05	0.00126	<0.00005	<0.00005	0.000076	0.000068	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-9	02/16/06	0.0107	<0.00005	<0.00005	0.000139	0.000125	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-10	03/21/05	0.00738	0.000051	0.000083	0.000292	0.000654	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-10	02/16/06	CONTAINER BROKE IN TRANSIT															
MW-10	05/22/06	0.000174	<0.00005	<0.00005	0.00009	0.000202	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-11	03/21/05	<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-11	02/16/06	<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
NMWQCC Groundwater Standards		**0.03**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**0.0007**	**NE**	**NE**	**NE**

PAHs - Polycyclic Aromatic Hydrocarbons
mg/L - milligrams per liter
Values in **BOLD** equal or exceed NMWQCC Groundwater Standards

APPENDIX C

Laboratory Data Sheets

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176912 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-1
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 13:20

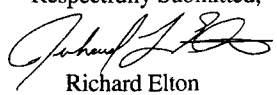
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/01/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/23/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	<1	µg/L	1	<1	02/23/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/23/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/23/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/23/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-1

Report#/Lab ID#: 176912
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]
Naphthalene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	10.2	54.6	99.4	67.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176912
Attn: Iain Olness	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	31.4	20-120	03/01/06	---
2-Fluorobiphenyl	610 & 8270c	38.2	20-110	03/01/06	---
1,2-Dichloroethane-d4	624 & 8260b	95.8	76-122	02/23/06	---
Toluene-d8	624 & 8260b	99.8	78-117	02/23/06	---

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

Exceptions Report:

Report #/Lab ID#: 176912 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-1

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
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176913 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-2
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 13:40

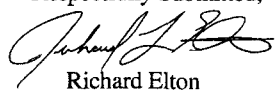
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/01/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**433**	µg/L	5	<5	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**146**	µg/L	5	<5	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	**161**	µg/L	10	<10	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	**4.65**	µg/L	1	<1	02/24/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	J	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	**0.066**	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	**0.106**	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	29.4	45.3	100.3	62.9

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 Elton

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). 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 Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-2

Report#/Lab ID#: 176913
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]
Naphthalene	**12.8**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	**0.352**	µg/L	0.05	<0.05	03/01/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/01/06	610 & 8270c	J	10.2	54.6	99.4	67.4

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176913
Attn: Iain Olness	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	47.1	20-120	03/01/06	---
2-Fluorobiphenyl	610 & 8270c	69	20-110	03/01/06	---
1,2-Dichloroethane-d4	624 & 8260b	95.2	76-122	02/24/06	---
1,2-Dichloroethane-d4	624 & 8260b	96.2	76-122	02/24/06	---
Toluene-d8	624 & 8260b	94.9	78-117	02/24/06	---
Toluene-d8	624 & 8260b	100	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176913 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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:

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☐ 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 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
Toluene	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176914 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-3
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **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]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/23/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	<1	µg/L	1	<1	02/23/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/23/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/23/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/23/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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). 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 Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-3

Report#/Lab ID#: 176914
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]
Naphthalene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	10.2	54.6	99.4	67.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176914
Attn: Iain Olness	**Sample Name:** MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	39.6	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	45	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	97.2	76-122	02/23/06	---
Toluene-d8	624 & 8260b	101.4	78-117	02/23/06	---

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

Exceptions Report:

Report #/Lab ID#: 176914 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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 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
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176915 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-4
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 14:20

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]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**2100**	µg/L	50	<50	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**414**	µg/L	50	<50	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	**806**	µg/L	100	<100	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<50	µg/L	50	<50	02/24/06	8260b	J	6.4	114.1	113.1	119.9
Toluene	<50	µg/L	50	<50	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	J	25	42.2	100.5	63.3
Anthracene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	**2.52**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	**0.855**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-4

Report#/Lab ID#: 176915
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]
Naphthalene	**113**	µg/L	5	<5	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	**9.16**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.5	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	10.2	54.6	99.4	67.4

ANALYSYS INC.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176915
Attn: Iain Olness	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	**none/diluted**	diluted @ 10X	03/02/06	D
2-Fluorobiphenyl	610 & 8270c	**none/diluted**	diluted @ 10X	03/02/06	D
1,2-Dichloroethane-d4	624 & 8260b	92.1	76-122	02/24/06	---
Toluene-d8	624 & 8260b	94.6	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176915 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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 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.
Acenaphthylene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
1-Fluoronaphthalene	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
1-Fluoronaphthalene	D	Surrogate recoveries not accurately quantifiable.
2-Fluorobiphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
2-Fluorobiphenyl	D	Surrogate recoveries not accurately quantifiable.

Notes: _____

ANALYSYS INC.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176916 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-5
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 14:40

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]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**7.47**	µg/L	1	<1	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**2.93**	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/24/06	8260b	J	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/24/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	**0.059**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	11.5	52.3	95.6	67.4
Fluorene	**0.147**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	29.4	45.3	100.3	62.9

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 Elton

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). 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.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-5

Report#/Lab ID#: 176916
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]
Naphthalene	**0.415**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	**0.309**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	10.2	54.6	99.4	67.4

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176916
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	28.1	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	87.7	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	96.4	76-122	02/24/06	---
Toluene-d8	624 & 8260b	98.9	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176916 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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 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
m,p-Xylenes	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176917 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-6
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **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]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/23/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	<1	µg/L	1	<1	02/23/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/23/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/23/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/23/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	29.4	45.3	100.3	62.9

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 Elton

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). 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.

INC.

3512 Montopolis Drive, Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-6

Report#/Lab ID#: 176917
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]
Naphthalene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	10.2	54.6	99.4	67.4

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176917
Attn: Iain Olness	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	34.6	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	38.5	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	95.4	76-122	02/23/06	---
Toluene-d8	624 & 8260b	99.6	78-117	02/23/06	---

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

Exceptions Report:

Report #/Lab ID#: 176917 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

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Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176918 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-7
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 15:20

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]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	<1	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/24/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	29.4	45.3	100.3	62.9

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-7

Report#/Lab ID#: 176918
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]
Naphthalene	**0.057**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	10.2	54.6	99.4	67.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176918
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	38.5	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	59.2	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	95.7	76-122	02/24/06	---
Toluene-d8	624 & 8260b	100.9	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176918 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-7

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
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176919 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-8
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 15:40

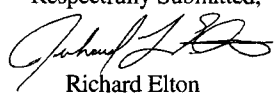
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**243**	µg/L	5	<5	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**35.9**	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	**23.9**	µg/L	2	<2	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/24/06	8260b	J	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	**0.07**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	**0.499**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-8

Report#/Lab ID#: 176919
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]
Naphthalene	**5.29**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	**2.82**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	10.2	54.6	99.4	67.4

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176919
Attn: Iain Olness	**Sample Name:** MW-8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	50	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	63.7	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	96.5	76-122	02/24/06	---
1,2-Dichloroethane-d4	624 & 8260b	96.1	76-122	02/24/06	---
Toluene-d8	624 & 8260b	97.8	78-117	02/24/06	---
Toluene-d8	624 & 8260b	97.7	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176919 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-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 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.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.

Notes:

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176920 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-9
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 16:00

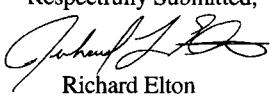
REPORT OF ANALYSIS

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	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/02/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**8.81**	µg/L	1	<1	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**32.7**	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	**32.4**	µg/L	2	<2	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	**72.7**	µg/L	1	<1	02/24/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	**0.139**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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). 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 Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-9

Report#/Lab ID#: 176920
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]
Naphthalene	**10.7**	µg/L	0.5	<0.5	03/02/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	**0.125**	µg/L	0.05	<0.05	03/02/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/02/06	610 & 8270c	J	10.2	54.6	99.4	67.4

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176920
Attn: Iain Olness	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	32.6	20-120	03/02/06	---
2-Fluorobiphenyl	610 & 8270c	31.7	20-110	03/02/06	---
1,2-Dichloroethane-d4	624 & 8260b	94.3	76-122	02/24/06	---
Toluene-d8	624 & 8260b	99.8	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176920 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-9

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

A J flag data qualifier indicates (as required under 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
Acenaphthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

AnalySys INC.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176921 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-10
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **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]
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**276**	µg/L	5	<5	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	**53.8**	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	**8.59**	µg/L	2	<2	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/24/06	8260b	J	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176921
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	624 & 8260b	95.5	76-122	02/24/06	---
1,2-Dichloroethane-d4	624 & 8260b	95.8	76-122	02/24/06	---
Toluene-d8	624 & 8260b	96	78-117	02/24/06	---
Toluene-d8	624 & 8260b	100.5	78-117	02/24/06	---

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

Exceptions Report:

Report #/Lab ID#: 176921 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

Notes: _____

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 176922 **Report Date:** 03/03/06
Project ID: 2001-11043
Sample Name: MW-11
Sample Matrix: water
Date Received: 02/20/2006 **Time:** 10:00
Date Sampled: 02/16/2006 **Time:** 16:40

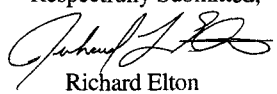
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	02/23/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/03/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	02/24/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/24/06	8260b	---	6.8	98.7	101.9	103.4
Ethylbenzene	<1	µg/L	1	<1	02/24/06	8260b	---	7.3	108.9	111.2	115.6
m,p-Xylenes	<2	µg/L	2	<2	02/24/06	8260b	---	6.5	109.3	110.1	114.9
o-Xylene	<1	µg/L	1	<1	02/24/06	8260b	---	6.4	114.1	113.1	119.9
Toluene	<1	µg/L	1	<1	02/24/06	8260b	---	7	104.4	104.3	109
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	21	42.7	98.3	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	25	42.2	100.5	63.3
Anthracene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	13.3	51.9	97.5	67.3
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	11.7	52.5	100	68.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	23.5	46.8	99.2	66
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	20.8	46.5	96.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	35.3	44.1	100.3	60.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	24.9	46.9	94.9	67.3
Chrysene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	15.4	66.4	95.6	86
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	32.6	54.8	97.3	63.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	11.5	52.3	95.6	67.4
Fluorene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	24.2	45.9	97.6	64.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	29.4	45.3	100.3	62.9

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2001-11043
Sample Name: MW-11

Report#/Lab ID#: 176922
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]
Naphthalene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	1.1	42.5	101.7	75.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	8.2	52.3	95.4	67.4
Pyrene	<0.05	µg/L	0.05	<0.05	03/03/06	610 & 8270c	---	10.2	54.6	99.4	67.4

ANALYSIS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 176922
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	32.9	20-120	03/03/06	---
2-Fluorobiphenyl	610 & 8270c	37.9	20-110	03/03/06	---
1,2-Dichloroethane-d4	624 & 8260b	96.5	76-122	02/24/06	---
Toluene-d8	624 & 8260b	99.8	78-117	02/24/06	---

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

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11043
EPI Sampler Name	George Blackburn

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^-)	pH	TCLP	OTHER >>>	PAH
176912 1	MW-1		6	X						X	X		16-Feb-06	13:20	X							X
176913 2	MW-2		6	X						X	X		16-Feb-06	13:40	X							X
176914 3	MW-3		6	X						X	X		16-Feb-06	14:00	X							X
176915 4	MW-4		6	X						X	X		16-Feb-06	14:20	X							X
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Iain Olness	Date 2/17/06 Time 1630	Received By:
Relinquished by:	Date 2/20/06 Time 1000	Received By: (lab staff)
Delivered by:	Sample Cool & Intact Yes No	Checked By:

E-mail results to: iolness@envplus.net and cjreynolds@paalp.com

REMARKS:

T: 3.0°C

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(505) 394-3481 FAX: (505) 394-2601

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11043
EPI Sampler Name	George Blackburn

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
176916 1	MW-5		6	X						X	X		16-Feb-06	14:40	X							X
176917 2	MW-6		6	X						X	X		16-Feb-06	15:00	X							X
176918 3	MW-7		6	X						X	X		16-Feb-06	15:20	X							X
176919 4	MW-8		6	X						X	X		16-Feb-06	15:40	X							X
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Iain Olness	Date 2/17/06 Time 16:30	Received By:
Relinquished by:	Date 2/20/06 Time 1000	Received By: (lab staff)
Delivered by:	Sample Cool & Intact Yes No	Checked By:

E-mail results to: iolness@envplus.net and cjreynolds@paalp.com

REMARKS:

T: 4.0°C

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11043
EPI Sampler Name	George Blackburn

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
176920 1	MW-9		6	X						X	X		16-Feb-06	16:00	X							X
176921 2	MW-10		6	X						X	X		16-Feb-06	16:20	X							X
176922 3	MW-11		6	X						X	X		16-Feb-06	16:40	X							X
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Iain Olness	Date 2/17/06 Time 1630	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date 2/20/06 Time 1000	Received By: (lab staff) M Thompson	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	T: 3.0°C

AnalySys Inc.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180725 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-1
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 14:15

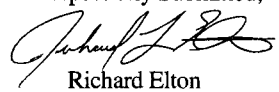
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/01/06	8260b	J	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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 Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180725
Attn: Iain Olness	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.5	70-130	06/01/06	---
Toluene-d8	8260b	113	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180725 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-1

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
Benzene	J	See J-flag discussion above.

Notes: _____

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180726 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-2
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 13:40

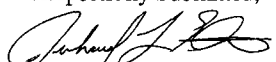
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**694**	µg/L	5	<5	06/01/06	8260b	---	1.4	93.3	87.5	90.2
Ethylbenzene	**172**	µg/L	5	<5	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	**206**	µg/L	10	<10	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	**18.2**	µg/L	5	<5	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	**162**	µg/L	5	<5	06/01/06	8260b	---	0.8	97.4	90.2	77

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 Elton

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). 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 Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180726
Attn: Iain Olness	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	70-130	06/01/06	---
Toluene-d8	8260b	89	80-125	06/01/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180727 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-3
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **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]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/01/06	8260b	J	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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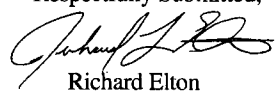
Respectfully Submitted,



Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180727
Attn: Iain Olness	**Sample Name:** MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	78.8	70-130	06/01/06	---
Toluene-d8	8260b	92.1	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180727 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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 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
Benzene	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180728 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-4
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 13:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**2110**	µg/L	5	<5	06/01/06	8260b	---	1.4	93.3	87.5	90.2
Ethylbenzene	**372**	µg/L	5	<5	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	**663**	µg/L	10	<10	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<5	µg/L	5	<5	06/01/06	8260b	J	0.5	102.3	99.3	99.4
Toluene	<5	µg/L	5	<5	06/01/06	8260b	---	0.8	97.4	90.2	77

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Respectfully Submitted,

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180728
Attn: Iain Olness	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.2	70-130	06/01/06	---
Toluene-d8	8260b	93.2	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180728 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes:

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3512 Montopolis Drive, Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180729 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-5
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**3.18**	µg/L	1	<1	06/01/06	8260b	---	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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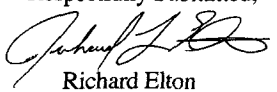
Respectfully Submitted,



Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180729
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.4	70-130	06/01/06	---
Toluene-d8	8260b	97.1	80-125	06/01/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180730 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-6
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 14:20

REPORT OF ANALYSIS **QUALITY ASSURANCE DATA** [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/01/06	8260b	J	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180730
Attn: Iain Olness	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.5	70-130	06/01/06	---
Toluene-d8	8260b	95.1	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180730 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
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).

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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180731 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-7
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/01/06	8260b	J	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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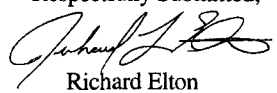

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180731
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.2	70-130	06/01/06	---
Toluene-d8	8260b	90.6	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180731 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-7

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
Benzene	J	See J-flag discussion above.

Notes: _____

_____

_____

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180732 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-8
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 12:55

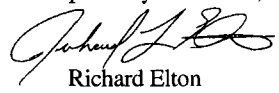
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**97.4**	µg/L	1	<1	06/01/06	8260b	---	0.8	86.2	98.6	92.4
Ethylbenzene	**27.8**	µg/L	1	<1	06/01/06	8260b	---	0.3	98.7	101.8	95.9
m,p-Xylenes	**22**	µg/L	2	<2	06/01/06	8260b	---	0.2	98.2	102.4	96.4
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	5.4	103.7	108.8	91.6
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	4.4	90.7	94.4	89

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 Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180732
Attn: Iain Olness	**Sample Name:** MW-8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	70-130	06/01/06	---
Toluene-d8	8260b	90.9	80-125	06/01/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180733 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-9
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 15:05

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	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**7.38**	µg/L	1	<1	06/01/06	8260b	---	1.4	93.3	87.5	90.2
Ethylbenzene	**34.6**	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	**38.1**	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	**74.3**	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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Respectfully Submitted,

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180733
Attn: Iain Olness	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.1	70-130	06/01/06	---
Toluene-d8	8260b	96.2	80-125	06/01/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180734 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-10
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **Time:** 14:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**1320**	µg/L	50	<50	06/01/06	8260b	---	0.8	86.2	98.6	92.4
Ethylbenzene	**105**	µg/L	5	<5	06/01/06	8260b	---	0.3	98.7	101.8	95.9
m,p-Xylenes	<10	µg/L	10	<10	06/01/06	8260b	J	0.2	98.2	102.4	96.4
o-Xylene	<5	µg/L	5	<5	06/01/06	8260b	---	5.4	103.7	108.8	91.6
Toluene	<5	µg/L	5	<5	06/01/06	8260b	---	4.4	90.7	94.4	89

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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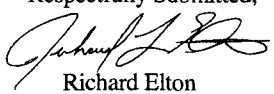

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180734
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.4	70-130	06/01/06	---
1,2-Dichloroethane-d4	8260b	94.2	70-130	06/01/06	---
Toluene-d8	8260b	95.8	80-125	06/01/06	---
Toluene-d8	8260b	95.1	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180734 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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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
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180735 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-11
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/22/2006 **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	---		---		06/01/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/01/06	8260b	J	1.4	93.3	87.5	90.2
Ethylbenzene	<1	µg/L	1	<1	06/01/06	8260b	---	1.2	103.4	104.1	99.6
m,p-Xylenes	<2	µg/L	2	<2	06/01/06	8260b	---	0.2	104.7	104.7	102.8
o-Xylene	<1	µg/L	1	<1	06/01/06	8260b	---	0.5	102.3	99.3	99.4
Toluene	<1	µg/L	1	<1	06/01/06	8260b	---	0.8	97.4	90.2	77

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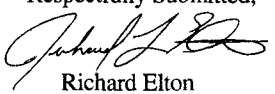
Respectfully Submitted,



Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180735
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.6	70-130	06/01/06	---
Toluene-d8	8260b	91.6	80-125	06/01/06	---

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

Exceptions Report:

Report #/Lab ID#: 180735 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-11

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180736 **Report Date:** 06/02/06
Project ID: 2001-11043
Sample Name: MW-10
Sample Matrix: water
Date Received: 05/26/2006 **Time:** 14:55
Date Sampled: 05/23/2006 **Time:** 06:26

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]
A/BN Extraction-PAH	---	---	---	---	05/30/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/31/06	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	J	6.7	42.6	113.1	55.5
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	---	4.5	44.3	109.8	54.3
Anthracene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	---	25.6	35.7	105.1	55.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	51.7	22.2	109.1	58.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	53.8	16.6	115.3	62.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	52.3	17.7	119	67.3
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	48.1	13.7	113.2	61.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	48.4	14.8	97.9	54.5
Chrysene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	J,P	47.5	25.6	101.5	71.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	40.7	17.5	119.6	71.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	41.9	30.7	111.4	58.9
Fluorene	**0.09**	µg/L	0.05	<0.05	05/31/06	610 & 8270c	---	7.6	40.9	110.8	55.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	P	43.2	12.9	109.6	58.8
Naphthalene	**0.174**	µg/L	0.05	<0.05	05/31/06	610 & 8270c	---	19.7	38.1	111.9	52.4
Phenanthrene	**0.202**	µg/L	0.05	<0.05	05/31/06	610 & 8270c	---	24.3	39.3	118.2	59.1
Pyrene	<0.05	µg/L	0.05	<0.05	05/31/06	610 & 8270c	J,P	44	28.8	107.2	57.4

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

Respectfully Submitted,

Richard Elton

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11043	**Report#/Lab ID#:** 180736
Attn: Iain Olness	**Sample Name:** *MW-10*	**Sample Matrix:** *water*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	44.2	20-120	05/31/06	---
2-Fluorobiphenyl	610 & 8270c	40	20-110	05/31/06	---

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

Exceptions Report:

Report #/Lab ID#: 180736 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11043
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

A J flag data qualifier indicates (as required under 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
Acenaphthene	J	See J-flag discussion above.
Benzo[a]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[b]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[g,h,i]perylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[j,k]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Chrysene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Indeno[1,2,3-cd]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Pyrene	J	See J-flag discussion above.

Notes:

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11043
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
180725 1	MW-1		4	X						X	X		22-May-06	14:15	X										
180726 2	MW-2		4	X						X	X		22-May-06	13:40	X										
180727 3	MW-3		4	X						X	X		22-May-06	15:30	X										
180728 4	MW-4		4	X						X	X		22-May-06	13:20	X										
180729 5	MW-5		4	X						X	X		22-May-06	14:30	X										
180730 6	MW-6		4	X						X	X		22-May-06	14:20	X										
180731 7	MW-7		4	X						X	X		22-May-06	14:00	X										
180732 8	MW-8		4	X						X	X		22-May-06	12:55	X										
180733 9	MW-9		4	X						X	X		22-May-06	15:05	X										
180734 10	MW-10		4	X						X	X		22-May-06	14:40	X										

Sampler Relinquished: Iain Olness Date 25 May 06 Time 1630 Received By:

Relinquished by: Date Time Received By: (lab staff) Mamm ASI 5/26/06 1455

Delivered by: Sample Cool & Intact Yes No Checked By:

E-mail results to: iolness@envplus.net and cjreynolds@paalp.com

REMARKS:

T: 5.6°C

Environmental Plus, Inc.

Chain of Custody Form

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(505) 394-3481 FAX: (505) 394-2601

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11043
EPI Sampler Name	Jacob Melancon

Bill To

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LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
180735 1	MW-11		4	X						X	X		22-May-06	15:15	X							
180736 2	MW-10		2	X						X	X		23-May-06	6:26								x
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Iain Olness	Date 25 May 06 Time 1630	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date Time	Received By: (lab staff) Mayorga ASI 5/26/06 1455	REMARKS: T:5.6°C
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

AnalySys INC.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183883 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-2
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 13:30

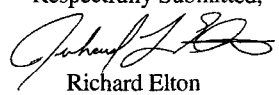
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/17/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**664**	µg/L	100	<100	08/15/06	8260b	---	2.8	101.2	100.9	102.5
Ethylbenzene	**49.6**	µg/L	1	<1	08/17/06	8260b	---	4.1	98.1	96.6	92.8
m,p-Xylenes	**81.6**	µg/L	2	<2	08/17/06	8260b	---	3.5	123.3	119.4	128.1
o-Xylene	**8.11**	µg/L	1	<1	08/17/06	8260b	---	4	113.6	110.4	115.9
Toluene	**6.04**	µg/L	1	<1	08/17/06	8260b	---	3.1	109.2	104.3	114.6

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

Respectfully Submitted,



Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183883
Attn: Iain Olness	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	70-130	08/17/06	---
1,2-Dichloroethane-d4	8260b	108	70-130	08/15/06	---
Toluene-d8	8260b	111	80-125	08/17/06	---
Toluene-d8	8260b	106	80-125	08/15/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183884 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-4
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/17/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**2840**	µg/L	100	<100	08/16/06	8260b	---	2.8	101.2	100.9	102.5
Ethylbenzene	**49.6**	µg/L	1	<1	08/17/06	8260b	---	4.1	98.1	96.6	92.8
m,p-Xylenes	**81.6**	µg/L	2	<2	08/17/06	8260b	---	3.5	123.3	119.4	128.1
o-Xylene	**8.11**	µg/L	1	<1	08/17/06	8260b	---	4	113.6	110.4	115.9
Toluene	**6.04**	µg/L	1	<1	08/17/06	8260b	---	3.1	109.2	104.3	114.6

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183884
Attn: Iain Olness	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	122	70-130	08/17/06	---
1,2-Dichloroethane-d4	8260b	115	70-130	08/17/06	---
1,2-Dichloroethane-d4	8260b	114	70-130	08/16/06	---
Toluene-d8	8260b	107	80-125	08/17/06	---
Toluene-d8	8260b	111	80-125	08/17/06	---
Toluene-d8	8260b	105	80-125	08/16/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183885 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-5
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 12:40

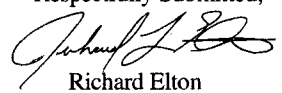
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/16/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**96.4**	µg/L	1	<1	08/16/06	8260b	---	0.6	106.9	111.3	108.6
Ethylbenzene	**2.8**	µg/L	1	<1	08/16/06	8260b	---	5	99.6	109.8	108.1
m,p-Xylenes	<2	µg/L	2	<2	08/16/06	8260b	J	4.7	96.1	105.3	103.6
o-Xylene	**1.33**	µg/L	1	<1	08/16/06	8260b	---	2.7	100.2	110.2	107.3
Toluene	**7.63**	µg/L	1	<1	08/16/06	8260b	---	0.1	111.9	117.6	115.8

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 Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183885
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.9	70-130	08/16/06	---
Toluene-d8	8260b	99.4	80-125	08/16/06	---

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

Exceptions Report:

Report #/Lab ID#: 183885 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11226
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 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
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183886 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-6
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 14:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		08/11/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/11/06	8260b	---	0.6	101.2	101.1	103.5
Ethylbenzene	<1	µg/L	1	<1	08/11/06	8260b	---	0.5	102.8	106.1	103.2
m,p-Xylenes	<2	µg/L	2	<2	08/11/06	8260b	---	0.2	97.8	100.4	97.5
o-Xylene	<1	µg/L	1	<1	08/11/06	8260b	---	0.5	103	104.8	103.4
Toluene	<1	µg/L	1	<1	08/11/06	8260b	---	1.5	105.6	107	107.7

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Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183886
Attn: Iain Olness	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.5	70-130	08/11/06	---
Toluene-d8	8260b	107	80-125	08/11/06	---

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

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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 Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183887 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-7
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 13:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/12/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/12/06	8260b	---	3.3	104.1	104.3	105.5
Ethylbenzene	<1	µg/L	1	<1	08/12/06	8260b	---	1.5	103.3	104.1	101.2
m,p-Xylenes	<2	µg/L	2	<2	08/12/06	8260b	---	1.5	98.3	99.4	96.3
o-Xylene	<1	µg/L	1	<1	08/12/06	8260b	---	0.3	103.5	104.7	102.8
Toluene	<1	µg/L	1	<1	08/12/06	8260b	---	1.2	110.1	110.2	113.1

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 Elton

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). 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 Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183887
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.1	70-130	08/12/06	---
Toluene-d8	8260b	104	80-125	08/12/06	---

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

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183888 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-8
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **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	---		---		08/21/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**133**	µg/L	1	<1	08/21/06	8260b	,S,M	4.1	78.6	98.5	98.5
Ethylbenzene	**7.58**	µg/L	1	<1	08/21/06	8260b	---	0.7	94	99.3	98.4
m,p-Xylenes	**4.97**	µg/L	2	<2	08/21/06	8260b	---	0.9	92.8	96.2	95.7
o-Xylene	<1	µg/L	1	<1	08/21/06	8260b	J	0	96.4	96.3	96.4
Toluene	<1	µg/L	1	<1	08/21/06	8260b	J	4	98.8	99.7	96

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

Respectfully Submitted,

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183888
Attn: Iain Olness	**Sample Name:** MW-8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	119	70-130	08/21/06	---
Toluene-d8	8260b	97.1	80-125	08/21/06	---

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

Exceptions Report:

Report #/Lab ID#: 183888 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11226
Sample Name: MW-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 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
Benzene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Benzene	S,M	Frequently indicative of high level of analyte in sample spiked, masking spike recovery or high spike recovery with no analyte found in sample.
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183889 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-9
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/16/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**4.26**	µg/L	1	<1	08/16/06	8260b	---	0.6	106.9	111.3	108.6
Ethylbenzene	**22.8**	µg/L	1	<1	08/16/06	8260b	---	5	99.6	109.8	108.1
m,p-Xylenes	**24.9**	µg/L	2	<2	08/16/06	8260b	---	4.7	96.1	105.3	103.6
o-Xylene	**42.3**	µg/L	1	<1	08/16/06	8260b	---	2.7	100.2	110.2	107.3
Toluene	<1	µg/L	1	<1	08/16/06	8260b	J	0.1	111.9	117.6	115.8

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 Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183889
Attn: Iain Olness	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	08/16/06	---
Toluene-d8	8260b	98.2	80-125	08/16/06	---

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

Exceptions Report:

Report #/Lab ID#: 183889 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11226
Sample Name: MW-9

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183890 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-10
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **Time:** 14:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		08/16/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**1510**	µg/L	10	<10	08/16/06	8260b	---	0.6	106.9	111.3	108.6
Ethylbenzene	**103**	µg/L	1	<1	08/16/06	8260b	---	2.8	107.2	110.1	100.2
m,p-Xylenes	**23**	µg/L	2	<2	08/16/06	8260b	---	2.4	102	106	95.4
o-Xylene	<1	µg/L	1	<1	08/16/06	8260b	J	2.8	107.1	111	100.6
Toluene	<1	µg/L	1	<1	08/16/06	8260b	J	3.6	113.1	116.2	111.3

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Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183890
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	70-130	08/16/06	---
1,2-Dichloroethane-d4	8260b	115	70-130	08/16/06	---
Toluene-d8	8260b	97.1	80-125	08/16/06	---
Toluene-d8	8260b	101	80-125	08/16/06	---

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

Exceptions Report:

Report #/Lab ID#: 183890 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2001-11226
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

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Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 183891 **Report Date:** 08/23/06
Project ID: 2001-11226
Sample Name: MW-11
Sample Matrix: water
Date Received: 08/09/2006 **Time:** 09:47
Date Sampled: 08/07/2006 **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	---		---		08/15/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/15/06	8260b	---	2.8	101.2	100.9	102.5
Ethylbenzene	<1	µg/L	1	<1	08/15/06	8260b	---	1.1	105.9	103.9	107.3
m,p-Xylenes	<2	µg/L	2	<2	08/15/06	8260b	---	0.1	103.4	101.9	105.9
o-Xylene	<1	µg/L	1	<1	08/15/06	8260b	---	0.3	105.2	103.1	107.5
Toluene	<1	µg/L	1	<1	08/15/06	8260b	---	3.5	102.7	102.3	104.3

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 Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 183891
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	70-130	08/15/06	---
Toluene-d8	8260b	106	80-125	08/15/06	---

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

16164

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(505) 394-3481 FAX: (505) 394-2601

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11226
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
183883 1	MW-2		4	X						X	X		07-Aug-06	13:30	X							
183884 2	MW-4		4	X						X	X		07-Aug-06	13:15	X							
183885 3	MW-5		4	X						X	X		07-Aug-06	12:40	X							
183886 4	MW-6		4	X						X	X		07-Aug-06	14:20	X							
183887 5	MW-7		4	X						X	X		07-Aug-06	13:45	X							
183888 6	MW-8		4	X						X	X		07-Aug-06	13:00	X							
183889 7	MW-9		4	X						X	X		07-Aug-06	12:30	X							
183890 8	MW-10		4	X						X	X		07-Aug-06	14:40	X							
183891 9	MW-11		4	X						X	X		07-Aug-06	15:15	X							

Sampler Relinquished:	Date: 8-08-06 Time: 1310	Received By:	E-mail results to: dduncan@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date: 8-9-06 Time: 7:47	Received By: (lab staff)	REMARKS:
Delivered by:	Sample Cool & Intact: (Yes) No 27°	Checked By:	

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231
Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188861 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-2
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **Time:** 09:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**461**	µg/L	5	<5	12/06/06	8260b	---	1.2	103.7	100.6	95.9
Ethylbenzene	**63.8**	µg/L	5	<5	12/06/06	8260b	---	1.1	109.4	110.5	104.2
m,p-Xylenes	**61.4**	µg/L	10	<10	12/06/06	8260b	---	1.4	109.3	106.6	104.1
o-Xylene	<5	µg/L	5	<5	12/06/06	8260b	---	1.2	110.9	104.1	105.8
Toluene	<5	µg/L	5	<5	12/06/06	8260b	J	2	106.8	111.5	96.8

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,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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). 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) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188861
Attn: David P. Duncan	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	12/06/06	---
Toluene-d8	8260b	101	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: 188861 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
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
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
Toluene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188862 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-5
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **Time:** 08:31

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]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**88.3**	µg/L	1	<1	12/06/06	8260b	---	1.2	103.7	100.6	95.9
Ethylbenzene	**9.88**	µg/L	1	<1	12/06/06	8260b	---	1.1	109.4	110.5	104.2
m,p-Xylenes	**13**	µg/L	2	<2	12/06/06	8260b	---	1.4	109.3	106.6	104.1
o-Xylene	**7.27**	µg/L	1	<1	12/06/06	8260b	---	1.2	110.9	104.1	105.8
Toluene	**24.1**	µg/L	1	<1	12/06/06	8260b	---	2	106.8	111.5	96.8

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,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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). 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 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188862
Attn: David P. Duncan	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	70-130	12/06/06	---
Toluene-d8	8260b	98	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: 188862 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
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 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
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.

Notes:

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231
Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188863 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-6
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **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]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/06	8260b	J	1.2	103.7	100.6	95.9
Ethylbenzene	<1	µg/L	1	<1	12/06/06	8260b	---	1.1	109.4	110.5	104.2
m,p-Xylenes	<2	µg/L	2	<2	12/06/06	8260b	---	1.4	109.3	106.6	104.1
o-Xylene	<1	µg/L	1	<1	12/06/06	8260b	---	1.2	110.9	104.1	105.8
Toluene	<1	µg/L	1	<1	12/06/06	8260b	J	2	106.8	111.5	96.8

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,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188863
Attn: David P. Duncan	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	70-130	12/06/06	---
Toluene-d8	8260b	97.4	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: 188863 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
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 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
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
Benzene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188864 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-7
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **Time:** 08:42

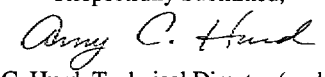
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/06	8260b	J	1.2	103.7	100.6	95.9
Ethylbenzene	<1	µg/L	1	<1	12/06/06	8260b	---	1.1	109.4	110.5	104.2
m,p-Xylenes	<2	µg/L	2	<2	12/06/06	8260b	---	1.4	109.3	106.6	104.1
o-Xylene	<1	µg/L	1	<1	12/06/06	8260b	---	1.2	110.9	104.1	105.8
Toluene	<1	µg/L	1	<1	12/06/06	8260b	---	2	106.8	111.5	96.8

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,



A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188864
Attn: David P. Duncan	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	70-130	12/06/06	---
Toluene-d8	8260b	105	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: 188864 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
Sample Name: MW-7

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
Benzene	J	See J-flag discussion above.

Notes: _____

AnalySys INC.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188865 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-9
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**3.42**	µg/L	1	<1	12/06/06	8260b	---	1.2	103.7	100.6	95.9
Ethylbenzene	**27.1**	µg/L	1	<1	12/06/06	8260b	---	1.1	109.4	110.5	104.2
m,p-Xylenes	**23.2**	µg/L	2	<2	12/06/06	8260b	---	1.4	109.3	106.6	104.1
o-Xylene	**48**	µg/L	1	<1	12/06/06	8260b	---	1.2	110.9	104.1	105.8
Toluene	<1	µg/L	1	<1	12/06/06	8260b	J	2	106.8	111.5	96.8

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,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188865
Attn: David P. Duncan	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	70-130	12/06/06	---
Toluene-d8	8260b	102	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: *188865* **Matrix:** *water*
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
Sample Name: MW-9

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
Toluene	J	See J-flag discussion above.

Notes: _____

_____

_____

AnalySys Inc.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231
Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188866 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-10
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **Time:** 10:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**222**	µg/L	5	<5	12/06/06	8260b	---	2.3	97.2	90.5	100.6
Ethylbenzene	**21.5**	µg/L	5	<5	12/06/06	8260b	---	1.8	106.7	107	109.4
m,p-Xylenes	<10	µg/L	10	<10	12/06/06	8260b	J	2.6	109	107.5	110.6
o-Xylene	<5	µg/L	5	<5	12/06/06	8260b	---	12.9	109.7	101.4	102.1
Toluene	<5	µg/L	5	<5	12/06/06	8260b	---	11.4	96.7	90.4	92.5

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

Respectfully Submitted,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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). 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.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188866
Attn: David P. Duncan	***Sample Name:*** *MW-10*	***Sample Matrix:*** *water*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.2	70-130	12/06/06	---
1,2-Dichloroethane-d4*RR	8260b	97.7	70-130	12/04/06	---
Toluene-d8	8260b	109	80-125	12/06/06	---
Toluene-d8*RR	8260b	102	80-125	12/04/06	---

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

Exceptions Report:

Report #/Lab ID#: 188866 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

A J flag data qualifier indicates (as required under 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
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188867 **Report Date:** 12/07/06
Project ID: 2001-11226
Sample Name: MW-11
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/21/2006 **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]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/06/06	8260b	J	2.3	97.2	90.5	100.6
Ethylbenzene	<1	µg/L	1	<1	12/06/06	8260b	---	1.8	106.7	107	109.4
m,p-Xylenes	<2	µg/L	2	<2	12/06/06	8260b	---	2.6	109	107.5	110.6
o-Xylene	<1	µg/L	1	<1	12/06/06	8260b	---	12.9	109.7	101.4	102.1
Toluene	<1	µg/L	1	<1	12/06/06	8260b	---	11.4	96.7	90.4	92.5

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

Respectfully Submitted,

Amy C. Hurd

A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2001-11226	**Report#/Lab ID#:** 188867
Attn: David P. Duncan	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.6	70-130	12/06/06	---
Toluene-d8	8260b	103	80-125	12/06/06	---

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

Exceptions Report:

Report #/Lab ID#: 188867 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2001-11226
Sample Name: MW-11

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded. Sample received from client with insufficient time to assure completion within hold-time.
Benzene	J	See J-flag discussion above.

Notes:

17267

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(505) 394-3481 FAX: (505) 394-2601

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Livingston Line - Bob McCasland
Location	UL-N, Sec. 03, T 21 S, R 37 E
Project Reference	2001-11226
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
188861 1	MW-2	G	3	X						X	X		21-Nov-06	9:20	X							
188862 2	MW-5	G	3	X						X	X		21-Nov-06	8:31	X							
188863 3	MW-6	G	3	X						X	X		21-Nov-06	9:40	X							
188864 4	MW-7	G	3	X						X	X		21-Nov-06	8:42	X							
188865 5	MW-9	G	3	X						X	X		21-Nov-06	10:00	X							
188866 6	MW-10	G	3	X						X	X		21-Nov-06	10:15	X							
188867 7	MW-11	G	3	X						X	X		21-Nov-06	8:20	X							
8																						
9																						

Sampler Relinquished:	Date 11.30	Received By: Fed Ex	E-mail results to: dduncan@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date / Time	Received By: (lab staff) 12-2-06 1000	REMARKS:
Delivered by:	Sample Cool & Intact (Yes) No	Checked By:	T Love