AP - 29

ANNUAL MONITORING REPORT

YEAR(S):
2004

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

June 17, 2005

Ms. Camille Reynolds
Plains All American
3112 West Highway 82
Lovington, NM 88260

Re: 2004 Annual Monitoring Report
Kimbrough Sweet (ref # 2000-10757)
Unit Letter G of Section 3, Range 37 East, Township 18 South
Dated June 2005
NMOCD Reference AP-029

Dear Ms. Reynolds:

The New Mexico Oil Conservation Division (NMOCD) acknowledges the receipt of the report referenced above.

The recommendations contained in the report (shown below) are approved:

1. Continue PSH recovery and site reconnaissance activities at least three days per week.
2. Continue to sample monitor wells MW1, MW3, and MW4 on a semi-annual basis and monitoring well MW10 on a quarterly basis.
3. Submit groundwater samples for quantification of BTEX constituents and for the polynuclear aromatic hydrocarbons (PAH's) on an annual basis.
4. Sample the biocell annually.

Annual reports summarizing the activities at this site for the previous 12 months are due in the NMOCD Santa Fe office by April 30 of each following year.

NMOCD approval does not relieve Plains All American (Plains) of responsibility should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Plains of its responsibility to comply with the rules and regulations of any other federal, state or local governmental entity.

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin

Edwin E. Martin
Environmental Bureau

Cc: NMOCD, Hobbs

PLAINS
ALL AMERICAN

June 13, 2005

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

AP-29

Re: Plains All American – Annual Monitoring Report
1 Site in Lea County, New Mexico

Dear Mr. Martin:

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 report for the following site:

Kimbrough Sweet Section 3, Township 18 South, Range 37 East, Lea County

EPI prepared this document and has vouched for its accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the document and interviewed EPI in order to verify the accuracy and completeness of this document. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Report for the above facility.

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

PLAINS
ALL AMERICAN
PIPELINE, L.P.

AP-29

2004 ANNUAL MONITORING REPORT

Kimbrough Sweet
Ref. # 2000-10757

SW¼ of the NE¼ of Section 3, R37E, T18S
Latitude 32°46'48"N and Longitude 103°14'18"W
Elevation ~3,720'amsl

7.0 miles northwest of Hobbs, Lea, New Mexico

June 2005

Prepared by

Environmental Plus, Inc.
2100 West Avenue O
P.O. Box 1558
Eunice, New Mexico 88231
Tele 505•394•3481 FAX 505•394•2601
(enviplus1@aol.com)

STANDARD OF CARE

2004 ANNUAL MONITORING REPORT

Kimbrough Sweet
Ref. # 2000-10757

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the NMOCD Unlined Surface Impoundment Closure Guidelines (February 1993), and the Environmental Plus, Inc. (EPI) Standard Operating Procedures and Quality Assurance/Quality Control Plan. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental and/or the natural sciences.

This report was prepared by:

Pat McCasland — 7 June 2005
Date

This report was reviewed by:

Iain Olness, PG — 7 June 2005
Hydrogeologist
Date

Distribution List

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Jeff Dann	Environmental Director	Plains	333 Clay Street Suite #1600, Houston, TX 77002	jpdann@paalp.com
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NMOCD - New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division
Plains - Plains Pipeline L.P.
EPI - Environmental Plus, Inc.

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FIGURES

1.0 Background and Previous Remedial Activities

This site is located in UL-G (SW¼ of the NE¼) of Section 3, R37E, T18S at a latitude of 32°46'48"N and a longitude of 103°14'18"W approximately 7.0 miles northwest of Hobbs, Lea County, New Mexico on property owned by the State of New Mexico (reference Figures 1-3). The initial release occurred in the 8" steel pipeline on October 25, 2000 under the ownership of EOTT Energy Pipeline (EOTT changed its' name to Link Energy in October 2003) and as of April 1, 2004, Plains Pipeline, L.P. purchased the assets from Link Energy. The release was attributed to internal corrosion and affected approximately 15,613 square feet (ft^2) of surface area. Approximately 60 barrels (bbls) of crude oil were released and approximately 22 bbls recovered and reintroduced into the system. The pipeline was excavated and repaired and placed back in service. There are no residences or surface water bodies observed to be within a 1,000-foot radius of the leak site. During site delineation in March 2001, it was determined that groundwater, occurring approximately 50-feet below ground surface ('bgs), had been impacted by the crude oil release. In July 2001, the "Kimbrough Sweet Soil and Groundwater Remediation Plan" (submitted as the Stage I and Stage II Abatement Plans) was submitted to the New Mexico Oil Conservation Division (NMOCD). The plan was implemented in November 2001 after being approved by the NMOCD in September 2001.

This plan required the construction and monitoring of an in-situ bio-cell. The bio-cell is composed of the 16,500 cubic yards of impacted soil excavated during the mitigation phase and subsequently treated with MicroBlaze Spill Control®, a phosphate detergent based bio-accelerant inoculated with petrophilic bacteria, to accelerate attenuation of the petroleum hydrocarbons. The bio-cell was constructed by installing a 2-foot thick clay barrier in the bottom of the 17-foot deep excavation, to isolate impacted soil below the barrier from the near surface environment, and placing the treated soil on top of the clay barrier. The biocell was sampled on February 25, April 26 and July 15, 2002 and March 27, 2003. In 2002, soil borings were advanced in each quadrant (i.e., northwest (NW), northeast (NE), southeast (SE) and southwest (SW)) and in the center of the biocell with discrete samples collected at the surface, 5'bgs, 10'bgs, and 15'bgs intervals. In 2003, soil borings were advanced and sampled only in the quadrant locations and not the center location. During each sampling event, care was taken not to sample locations where previous soil borings had been advanced. The biocell laboratory analytical reports are included as Appendix II, summarized in Table 1 and illustrated in Figures 4 through 8.

In January 2002, to initially bound the areal distribution of the dissolved phase hydrocarbon plume, four monitor wells proposed by the plan were installed, i.e., monitor well NWMW (renamed MW1) approximately 250-feet northwest of the leak origin, monitor well EMW (renamed MW3) approximately 250-feet east of the leak origin, and monitor well SMW (renamed MW4) approximately 250-feet south the leak origin. Monitor well CMW (renamed MW2), installed near the leak origin, was installed to monitor phase separated hydrocarbon (PSH) thickness and facilitate PSH recovery. Product recovery activities began in January of 2002, initially by manual bailing followed in March of 2003 with deployment of a portable trailer mounted recovery system that operated continuously. Approximately 1,155 gallons of PSH was recovered from January 2002 to December 31, 2003.

2.0 2004 Field Activities

During 2004, field activities included routine site reconnaissance, PSH recovery, groundwater sampling, biocell monitoring, and the installation of seven monitoring wells. The biocell was sampled during monitoring well installation.

2.1 SITE RECONNAISSANCE

During 2004, site reconnaissance occurred at least 3 days per week to maintain the PSH recovery system, manage PSH, and document changes in groundwater and PSH levels

2.2 PSH RECOVERY

During 2004, PSH recovery was accomplished using the portable gasoline powered eductor type recovery system that ran continuously. As of December 31, 2004, an additional 318 gallons of crude oil had been recovered and reintroduced into the Plains system. Total recovery from January 2002 to December 31, 2004 is approximately 1,473 gallons (35 bbls).

2.3 BIOCELL MONITORING AND STATUS

The 15-foot thick biocell soil lift overlays a 2-foot thick clay barrier installed from 15'bgs to 17'bgs in accordance with the NMOCD approved "E.O.T.T. Energy Pipeline Kimbrough Sweet Soil and Ground Water Remediation Plan," July 2001 (reference Figure 2 site map). The NMOCD approval stipulated the remedial goals for the "constituents of concern" (CoCs) to be 100 mg/Kg for total petroleum hydrocarbon (EPA method 8015 modified) (TPH^{8015m}) and 10 mg/Kg and 50 mg/Kg for benzene and BTEX (i.e., the mass sum of benzene, toluene, ethylbenzene, and total xylenes) (EPA method 8260B), respectively. In 2004, discrete samples were collected during installation of monitoring wells MW5, MW6 and MW9. The biocell laboratory analytical reports are included as Appendix II, summarized in Table 1 and illustrated in Figures 4 through 8.

The average TPH^{8015m} concentration has decreased by 3,264 mg/Kg from 2002 to 2004, (i.e., from 5,292 mg/Kg, the 2002 average, to 2,028 mg/Kg, the 2004 average). The BTEX concentration has decreased by 873 µg/Kg from 2002 to 2004, (i.e., from 1,463 µg/Kg, the 2002 average, to 590 µg/Kg, the 2004 average). The benzene concentration was nominally detected at 34 µg/Kg in 2004 and had previously been <20 µg/Kg. The table below provides the benzene, BTEX, and TPH^{8015m} concentrations from all intervals and locations averaged on an annual basis.

Plains Kimbrough Sweet Biocell Attenuation Summary			
Year	Benzene	BTEX	TPH^{8015m}
	µg/Kg	µg/Kg	mg/Kg
2002	<20	1,463	5,292
2003	<20	704	3,726
2004	34	590	2,028
Each value represents the average of all analytical results for the particular parameter collected during the specified year.			

2.4 GROUNDWATER MONITORING WELL INSTALLATION

In July 2004, with approval from the NMOCD and the landowner, monitoring wells MW5, MW7, MW8 and MW9 were installed using an air rotary rig and, in December 2004, monitoring wells MW6, MW10 and MW11 were installed using a hollow stem auger rig (HSA). Lockable well vaults were set in the concrete surface well seal and a service pad (i.e., 2-feet by 2-feet by 4-inch thick) constructed around the vault. The monitoring well construction diagrams are included as Appendix III. During advancement of the monitoring well borings, soil samples were collected at 5-foot vertical intervals beginning at the 5'bgs interval down to the groundwater-vadose zone interface. The organic vapor headspace (VOC) concentration of each sample was analyzed using a calibrated RAE Systems MiniRAE® photoionization detector (PID). Selected samples were prepared and submitted to an independent laboratory analysis. The laboratory analytical suite included TPH^{8015m} and the BTEX compounds. The laboratory analytical reports for the soil samples

are included in Appendix II, summarized in Table 2 and illustrated in Figures 9 through 11.

2.4.1 MONITORING WELLS MW5 THROUGH MW9 INSTALLATION

These wells were installed as additional PSH recovery wells and are located radially from monitoring well MW2 that is used as a PSH recovery well installed near the leak origin, central to the site (reference Figure 2). Monitoring wells MW5 through MW9 were constructed of 4-inch diameter PVC casing and screen. Monitoring wells MW5, MW6 and MW9 were installed through the engineered clay barrier that underlies the treated 15-foot biocell soil lift and caps the impacted soil below 17'bgs.

2.4.1.1 Monitoring Well MW5 (4"PVC)

Monitoring well MW5 is located approximately 50-feet north of MW2, inside the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW5 was advanced to a depth of 60'bgs and screened from 45'bgs to 60'bgs with 0.010-inch slotted screen. PSH thickness in the well after development was approximately 8.21-feet.

2.4.1.1.1 Monitoring Well MW5 Soil Analytical Results

VOC analysis of soil samples collected from the biocell soil during advancement of the well bore ranged from 401 ppm at 5'bgs to 703 ppm at 15'bgs. The TPH concentration in the 15'bgs sample was 6,062 mg/Kg and the benzene and BTEX concentrations were 41.6 µg/Kg and 1,681 µg/Kg, respectively. Below the clay barrier, VOC headspace concentrations ranged from 2,477 ppm at 25'bgs to 1,568 at 45'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 45'bgs sample was 15,460 mg/Kg and the benzene and BTEX concentrations were 120,000 µg/Kg and 955,200 µg/Kg, respectively.

2.4.1.1.2 Monitoring Well MW5 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW5 indicates that the biocell soil lift remains above the NMOCD CoC remedial goals and that the soil underlying the clay barrier down to the groundwater interface is impacted above the NMOCD CoC remedial goals. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.4.1.2 Monitoring Well MW6 (4"PVC)

Monitoring well MW6 is located approximately 40-feet northeast of MW2, inside the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW6 was advanced to a depth of 63'bgs and screened from 43'bgs to 63'bgs with 0.020-inch slotted screen. PSH thickness in the well after development was approximately 7.13-feet.

2.4.1.2.1 Monitoring Well MW6 Soil Analytical Results

VOC analysis of soil samples collected from the biocell soil during advancement of the well bore ranged from 15.8 ppm at 5'bgs to 374 ppm at 10'bgs with 149 ppm at 15'bgs. The TPH concentration in the 5'bgs sample was 17 mg/Kg and the benzene and BTEX concentrations were 40.8 µg/Kg and 67.7 µg/Kg, respectively. Below the clay barrier, VOC headspace concentrations ranged from 2,257 ppm at 25'bgs to 1,759 at 45'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 25'bgs sample was 3,340 mg/Kg and the benzene and BTEX concentrations were 7,840 µg/Kg and 133,000 µg/Kg, respectively. The TPH concentration in the 45'bgs sample was 3,250 mg/Kg and the benzene and BTEX concentrations were 8,070 µg/Kg and 130,000 µg/Kg, respectively.

2.4.1.2.2 Monitoring Well MW6 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW6 indicates that the biocell soil lift remains above the NMOCD CoC remedial goals and that the soil underlying the clay barrier down to the groundwater interface is impacted above the NMOCD CoC remedial goals. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.4.1.3 Monitoring Well MW7 (4"PVC)

Monitoring well MW7 is located approximately 50-feet southwest of MW2, outside of the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW7 was advanced to a depth of 60'bgs and screened from 45'bgs to 60'bgs with 0.010-inch slotted screen. PSH thickness in the well after development was approximately 0.56-feet.

2.4.1.3.1 Monitoring Well MW7 Soil Analytical Results

VOC headspace concentrations ranged from 88 ppm at 5'bgs to 1,312 ppm at 45'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 15'bgs sample was 623 mg/Kg and benzene and BTEX were not detected above the method detection limit of 20 µg/Kg. The TPH concentration in the 45'bgs sample was 3,990 mg/Kg and the benzene and BTEX concentrations were 7,200 µg/Kg and 162,200 µg/Kg, respectively.

2.4.1.3.2 Monitoring Well MW7 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW7 indicates that a TPH residual exists at 15'bgs and at 45'bgs just above the groundwater-vadose zone interface. Because the VOC headspace analyses of the preceding samples at 35'bgs and 40'bgs were 0.0 ppm, it is concluded that the petroleum hydrocarbon detected above the NMOCD CoC remedial goals in the 45'bgs sample is emanating from the PSH accumulated on top of the water table. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.4.1.4 Monitoring Well MW8 (4"PVC)

Monitoring well MW8 is located approximately 50-feet south of MW2, outside of the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW8 was advanced to a depth of 60'bgs and screened from 45'bgs to 60'bgs with 0.010-inch slotted screen. PSH thickness in the well after development was approximately 0.45-feet.

2.4.1.4.1 Monitoring Well MW8 Soil Analytical Results

VOC headspace concentrations ranged from 34.6 ppm at 15'bgs to 682 ppm at 45'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 15'bgs sample was 183 mg/Kg and benzene and BTEX were not detected above the method detection limit of 20 µg/Kg. The TPH concentration in the 45'bgs sample was 8,430 mg/Kg and the benzene and BTEX concentrations were 71,600 µg/Kg and 747,200 µg/Kg, respectively.

2.4.1.4.2 Monitoring Well MW8 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW8 indicates that a TPH residual exists at 15'bgs and at 45'bgs just above the groundwater-vadose zone interface. Because the VOC headspace analyses of the preceding samples at 35'bgs and 40'bgs were 0.0 ppm and 8.3 ppm, respectively, it is concluded that the petroleum hydrocarbon detected above the NMOCD CoC remedial goals in the 45'bgs sample is emanating from the PSH accumulated on top of the water table. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.4.1.5 Monitoring Well MW9 (4"PVC)

Monitoring well MW9 is located approximately 50-feet north of MW2, inside the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW9 was advanced to a depth of 60'bgs and screened from 45'bgs to 60'bgs with 0.010-inch slotted screen. PSH thickness in the well after development was approximately 0.73-feet.

2.4.1.5.1 Monitoring Well MW9 Soil Analytical Results

VOC analysis of soil samples collected from the biocell soil during advancement of the well bore ranged from 164 ppm at 5'bgs to 17.1 ppm at 15'bgs. The TPH concentration in the 15'bgs sample was not detectable above the 5.0 mg/Kg method detection limit and benzene and BTEX were not detected above the method detection limit of 20 µg/Kg. Below the clay barrier, VOC headspace concentrations ranged from 19.7 ppm at 25'bgs to 825 ppm at 45'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 45'bgs sample was 6,940 mg/Kg and the benzene and BTEX concentrations were 45,400 µg/Kg and 414,300 µg/Kg, respectively.

2.4.1.5.2 Monitoring Well MW9 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW9 indicates that a TPH residual exists at 45'bgs, just above the groundwater-vadose zone interface. Because the VOC headspace analyses of the preceding samples at 35'bgs and 40'bgs were nominal, (i.e., 36.9 ppm and 17.0 ppm, respectively), it is concluded that the petroleum hydrocarbon detected above the NMOCD CoC remedial goals in the 45'bgs sample is emanating from the PSH accumulated on top of the water table. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.4.2 MONITORING WELLS MW10 AND MW11 INSTALLATION

Monitoring wells MW10 and MW11 were installed to further delineate the extents of PSH and dissolved phase impacts and were constructed of 2-inch PVC pipe and screen.

2.4.2.1 Monitoring Well MW10 (2"PVC)

Monitoring well MW10 was installed up-gradient from the leak origin, approximately 124-feet southwest of monitoring well MW2, outside of the bio-cell clay barrier perimeter (reference Figure 2). Monitoring well MW10 was advanced to a depth of 58'bgs and screened from 58'bgs to 43'bgs with 0.020-inch slotted screen. PSH was not observed in this monitoring well before or after development.

2.4.2.1.1 Monitoring Well MW10 Soil Analytical Results

VOC headspace concentrations ranged from 15.6 ppm at 30'bgs to 25.4 ppm at 45'bgs. The TPH concentrations in the 30'bgs and 45'bgs samples were not detectable above the 5.0 mg/Kg method detection limit and benzene and BTEX were not detected above the method detection limit of 20 µg/Kg.

2.4.2.1.2 Monitoring Well MW10 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW10 indicates that the soil in this location is not impacted above the NMOCD CoC remedial goals and that PSH has not impacted the groundwater in this location.

2.4.2.2 Monitoring Well MW11 (2"PVC)

Monitoring well MW11 was installed down-gradient from the leak origin, approximately 100-feet northeast of monitoring well MW2, outside of the clay barrier perimeter (reference Figure 2). Monitoring well MW11 was advanced to a depth of 58'bgs and

screened from 58'bgs to 43'bgs with 0.020-inch slotted screen. PSH thickness in the well after development was observed to be approximately 5.05-feet.

2.4.2.2.1 Monitoring Well MW11 Soil Analytical Results

VOC headspace concentrations ranged from 8.3 ppm at 15'bgs, 63.5 ppm at 35'bgs, and 1,995 ppm at 50'bgs, just above the groundwater-vadose zone interface. The TPH concentration in the 15'bgs and 35'bgs samples were not detectable above the 5.0 mg/Kg method detection limit and benzene and BTEX were not detected above the method detection limit of 20 µg/Kg. The TPH concentration in the 50'bgs sample was 9,480 mg/Kg and the benzene and BTEX concentrations were 9,710 µg/Kg and 187,000 µg/Kg, respectively.

2.4.2.2.2 Monitoring Well MW11 Soil Analytical Results Discussion

The soil data collected during the installation of monitoring well MW11 indicates that a TPH residual above the NMOCD CoC remedial goal exists at 50'bgs, just above the groundwater-vadose zone interface. Because the VOC headspace analyses of the preceding samples at 40'bgs and 45'bgs were nominal, (i.e., 48.8 ppm and 25.5 ppm, respectively), it is concluded that the petroleum hydrocarbon detected above the NMOCD CoC remedial goals in the 50'bgs sample is emanating from the PSH accumulated on top of the water table. These data are also supportive of the conclusions reported during the initial delineation in March of 2001.

2.5 Groundwater Sampling

Groundwater samples were collected from groundwater monitoring wells MW1, MW3 and MW4 on February 11 and August 16, 2004 (i.e., semi-annually). Groundwater monitoring well MW10 was sampled on December 15, 2004 after installation and development on December 7, 2004. Monitoring wells impacted with PSH were not sampled. Prior to collecting the laboratory sample, the groundwater level and total well depth were measured, the wellbore water volume calculated and at least three wellbore volumes purged using a clean disposable bailer. The groundwater sample was then collected, decanted into the laboratory provided containers, sealed, labeled, placed on ice and submitted to the laboratory for analysis.

3.0 Groundwater Gradient

The area groundwater gradient, as illustrated in Figure 1, is to the southeast and was determined using surface elevations extrapolated from the USGS topographical map and historical (1960-1980) area groundwater well level information from the New Mexico Office of the State Engineer. Figures 12 through 14 illustrate the site groundwater gradient at the site to be generally to the east.

4.0 Groundwater Elevation

The site hydrograph illustrating the relative groundwater elevations of the monitor wells is included as Figure 18. The groundwater elevation in monitoring well MW1 has gradually declined from 3,671.87-feet above mean sea level ('amsl) in October 2002 to 3,669.98'amsl in August 2004, a decline of 1.89-feet. Monitoring wells MW3 and MW4 show a similar decline. The corrected relative groundwater elevation in monitoring well MW2, impacted with PSH, declined from 3,666.57'amsl in October 2002 to 3,664.70'amsl in October 2004, a decline of 1.87-feet.

5.0 PSH Thickness

The stabilized PSH thickness in monitor well MW2 declined from an average thickness of 7.91-feet in 2003 to an average thickness of 7.75-feet in 2004, a decrease of 0.16-feet

(reference Table 4). PSH thicknesses in the monitoring wells installed in 2004 range from 8.21-feet in monitoring well MW5 to 3.04-feet in monitoring well MW9. Water and PSH levels along with PSH thicknesses are provided in Table 3 and illustrated in Figure 19.

6.0 GROUNDWATER ANALYTICAL RESULTS

The samples collected on February 11, August 16 and December 15, 2004 were analyzed for the soluble BTEX compounds. The New Mexico Water Quality Control Commission (WQCC) groundwater standards are as follows:

Parameter	WQCC Standard
	µg/L
Benzene	10
Toluene	750
Ethylbenzene	750
Total Xylenes	620

µg/L – micrograms per liter

The laboratory analytical reports are included in Appendix I, summarized in Table 5 and illustrated in Figures 20 and 21.

6.1 FEBRUARY 11, 2004 SAMPLING EVENT

BTEX was not detected above the method detection limit (MDL) in any of the samples collected from monitoring wells MW1, MW3 and MW4 during this sampling event. PSH was present in monitoring well MW2 and was not sampled.

6.2 AUGUST 16, 2004 SAMPLING EVENT

BTEX was not detected above the MDL in the samples collected from monitoring wells MW1 and MW3. A toluene concentration of 1.25 µg/L in the monitoring well MW4 sample was reported, but was below the 750 µg/L WQCC groundwater standard. Monitoring wells MW2 and MW5 through MW9 were not sampled due to the presence of PSH.

6.3 DECEMBER 15, 2004 SAMPLING EVENT

Monitor well MW10 was the only monitoring well sampled during this event and is considered an interior monitoring well. BTEX compounds were detected above the MDL, but none above the respective WQCC groundwater standards. Monitoring well MW2, MW5 through MW9 and MW11 were not sampled due to the presence of PSH. Monitoring wells MW1, MW3 and MW4 were sampled semi-annually on February 11, 2004 and August 16, 2004.

7.0 STATUS AND RECOMMENDATIONS

Currently, site reconnaissance occurs at least three days per week to maintain the PSH recovery system, manage PSH, document changes in groundwater and PSH levels and ensure the site security fence is in good repair. Based on field monitoring and analytical results the following recommendations are being made (reference Table 7):

1) Continue PSH recovery and site reconnaissance activities at least three days per week,

2) Continue to sample monitor wells MW1, MW3 and MW4 on a semi-annual basis and monitoring well MW10 on a quarterly basis,

3) Submit groundwater samples for quantification of BTEX constituents and for the polynuclear aromatic hydrocarbons (PAHs) on an annual basis, and

4) Sample the biocell annually.

FIGURES

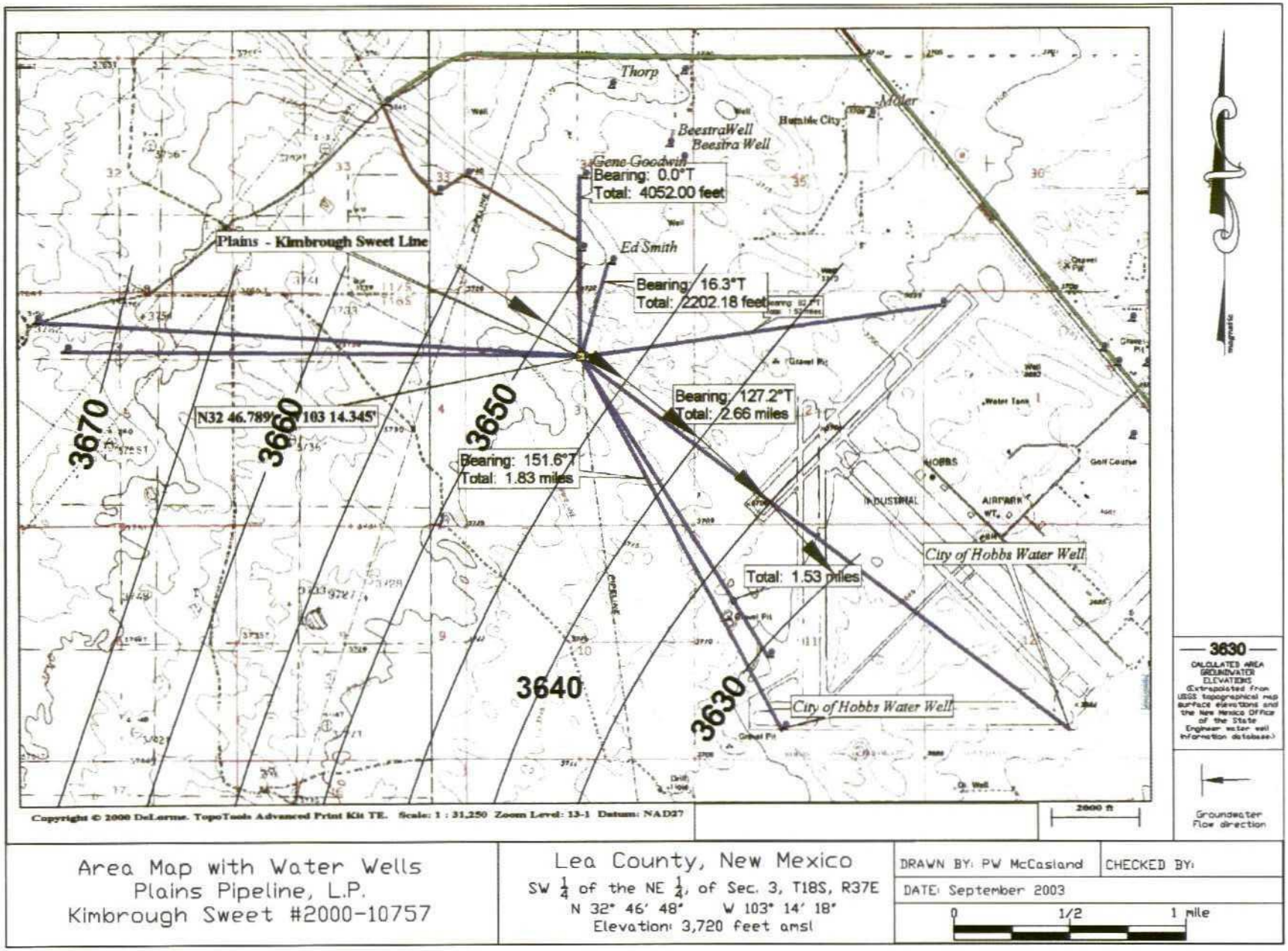


Figure 1: Kimbrough Sweet Area Map with Groundwater Gradient

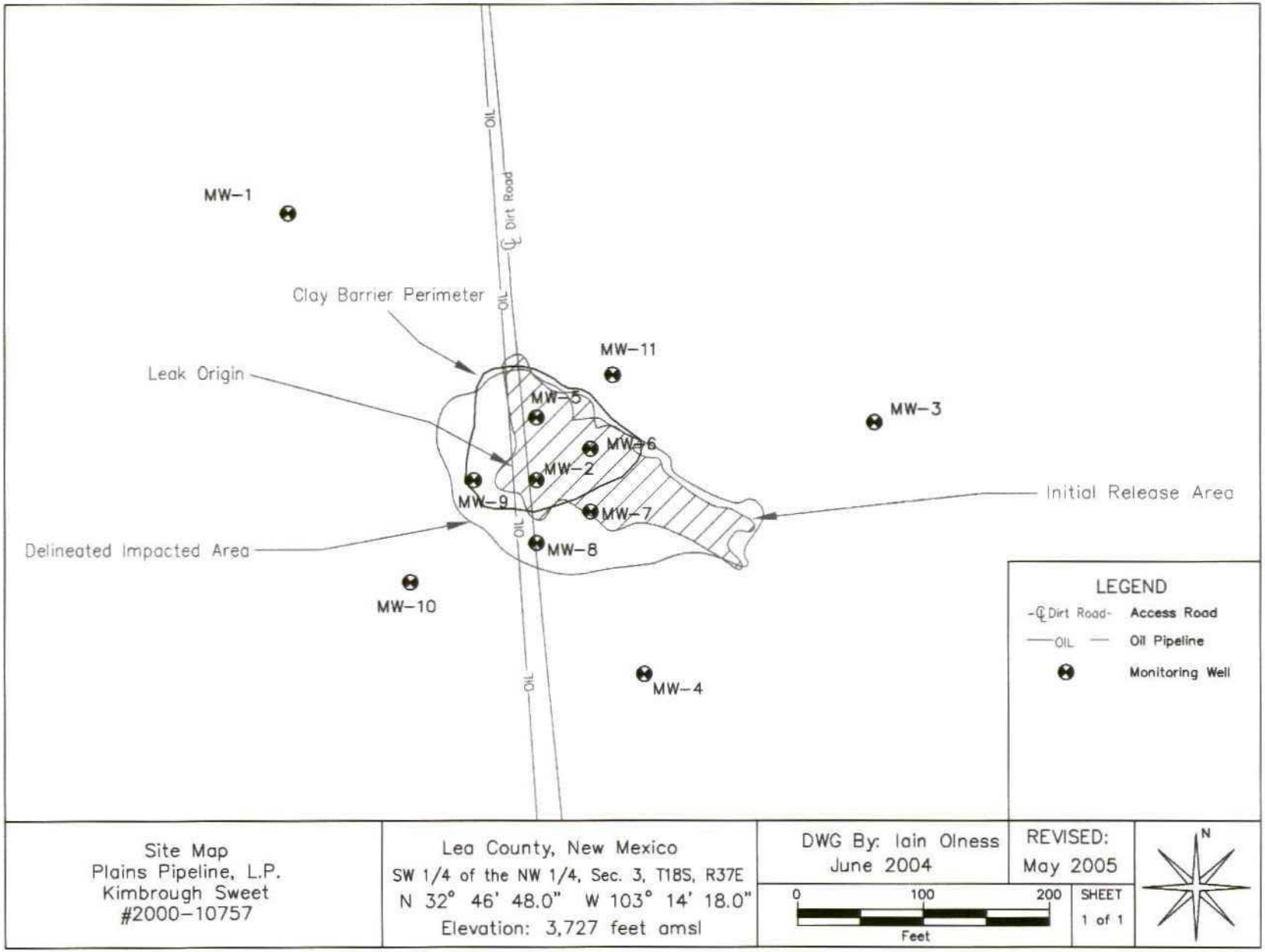
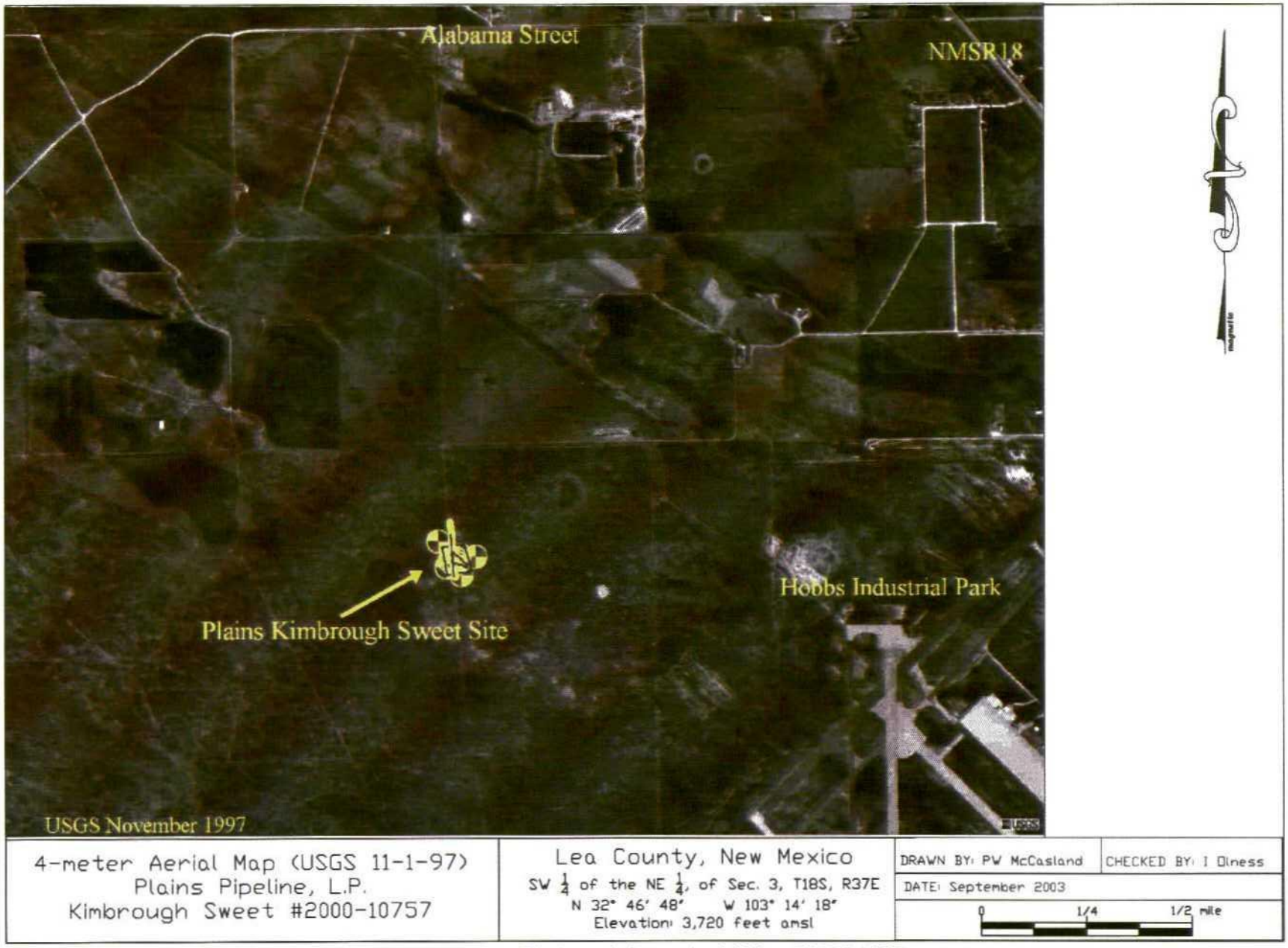


Figure 2: Kimbrough Sweet Site Map



4-meter Aerial Map (USGS 11-1-97) Plains Pipeline, L.P. Kimbrough Sweet #2000-10757	Lea County, New Mexico SW ¼ of the NE ¼, of Sec. 3, T18S, R37E N 32° 46' 48" W 103° 14' 18" Elevation: 3,720 feet amsl	DRAWN BY: PW McCasland	CHECKED BY: I Olness
		DATE: September 2003	
		0 1/4 1/2 mile	

Figure 3: Kimbrough Sweet Aerial Map (USGS 1997)

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Center, Northeast and Northwest Quadrants
Benzene Status

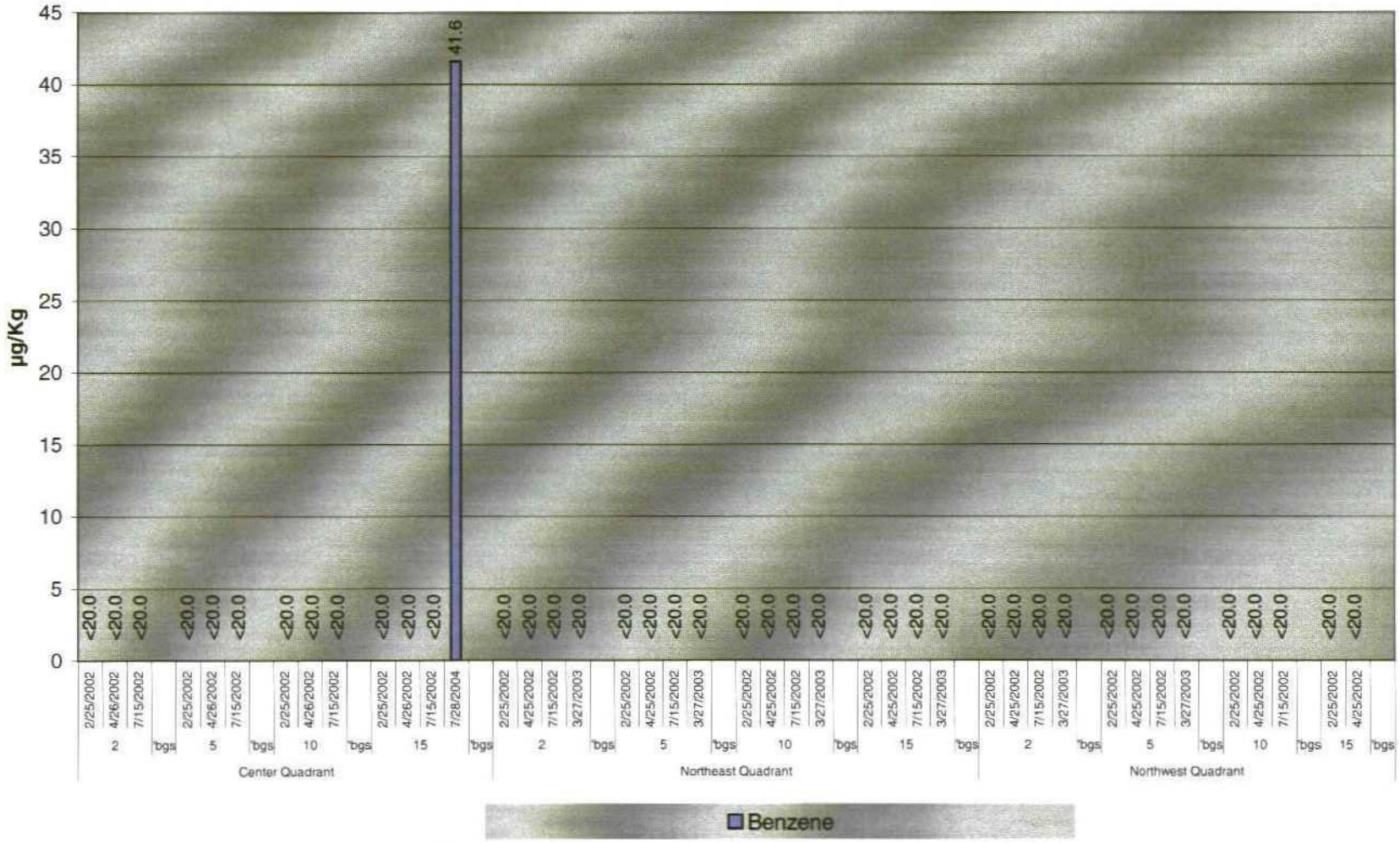


Figure 4: Biocell Center, Northeast and Northwest Quadrants Benzene Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Southeast and Southwest Quadrants
Benzene Status

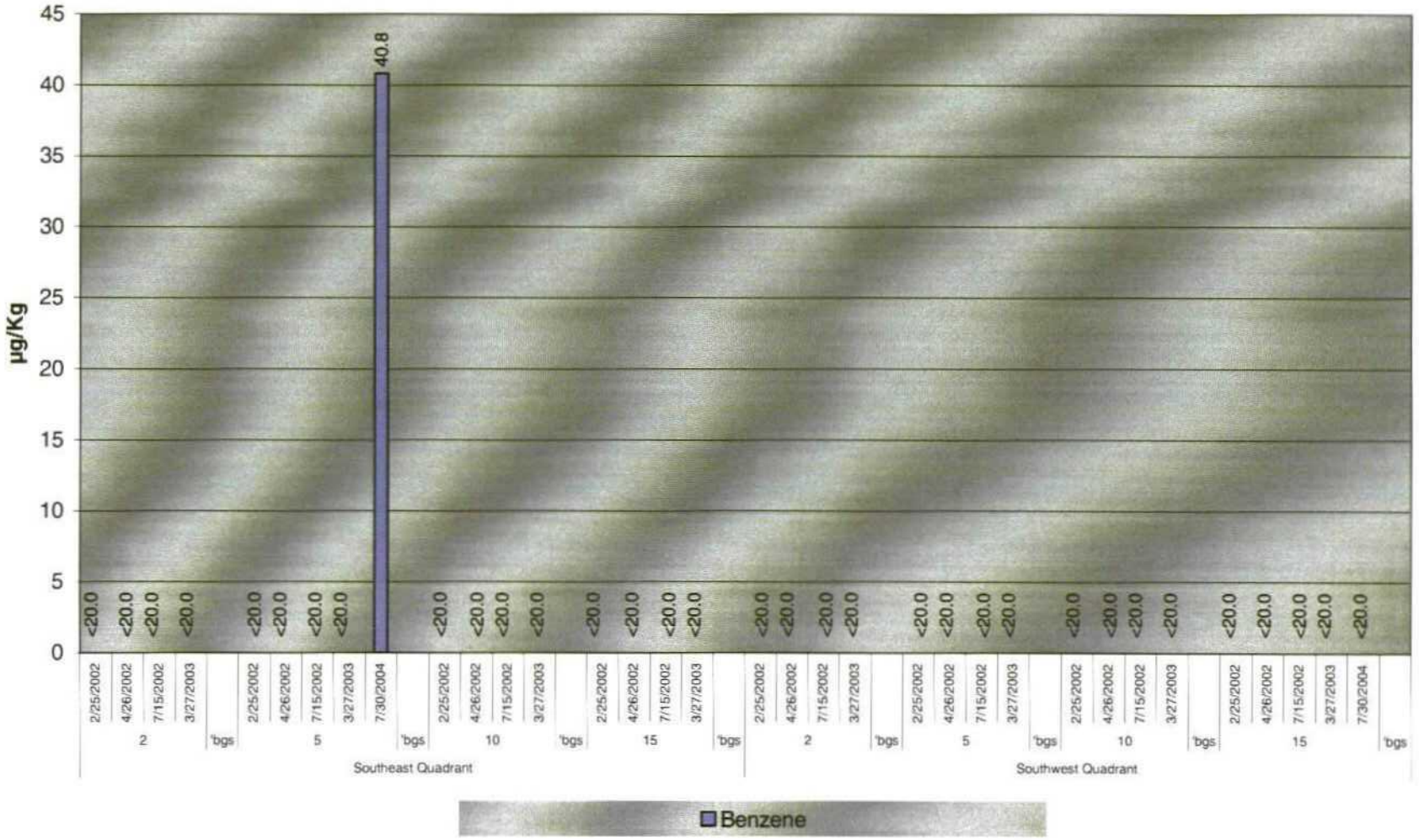


Figure 5: Biocell Southeast and Southwest Quadrants Benzene Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Center, Northeast and Northwest Quadrants
BTEX Status

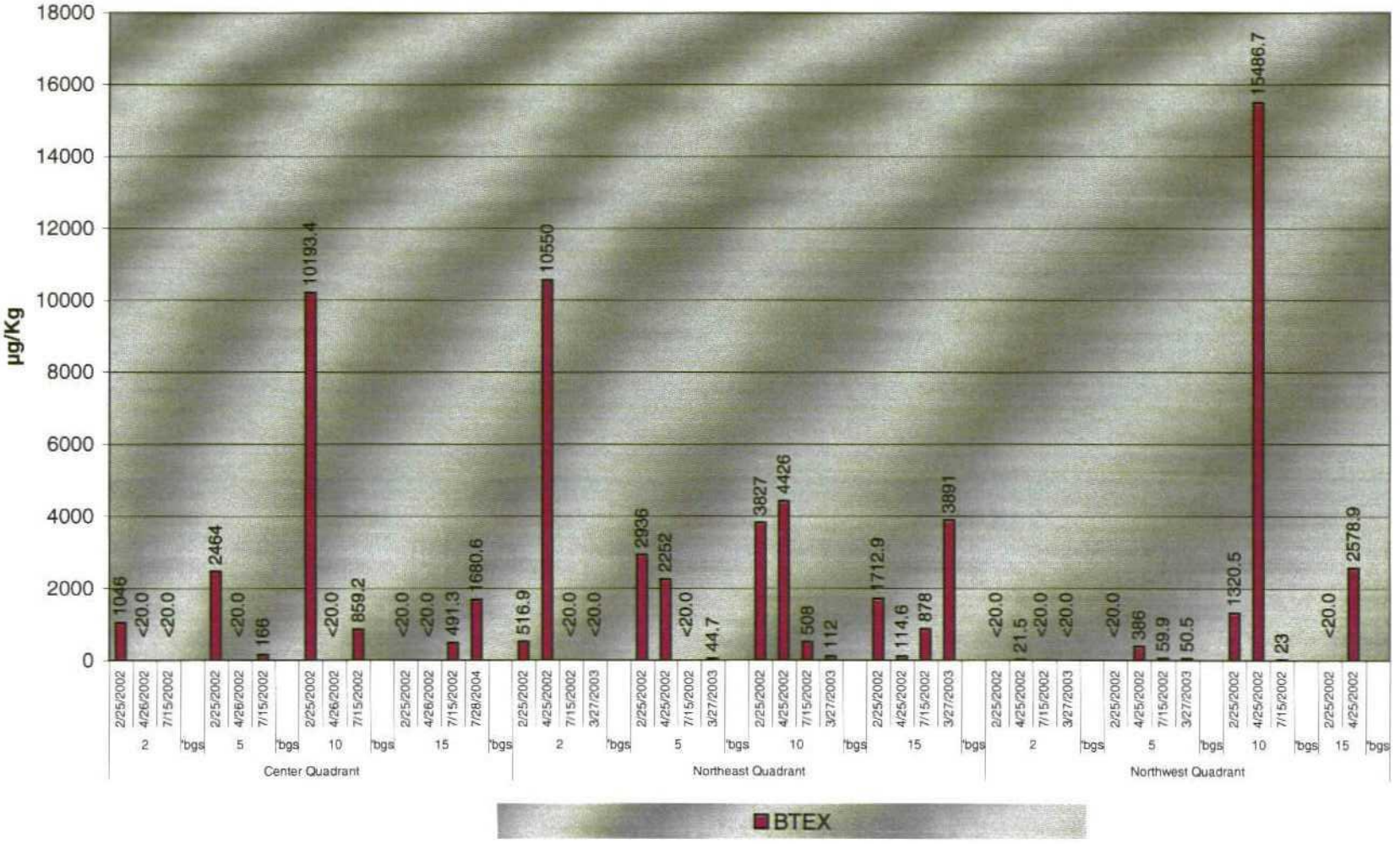


Figure 6: Biocell Center, Northeast and Northwest Quadrants BTEX Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Southeast and Southwest Quadrants
BTEX Status

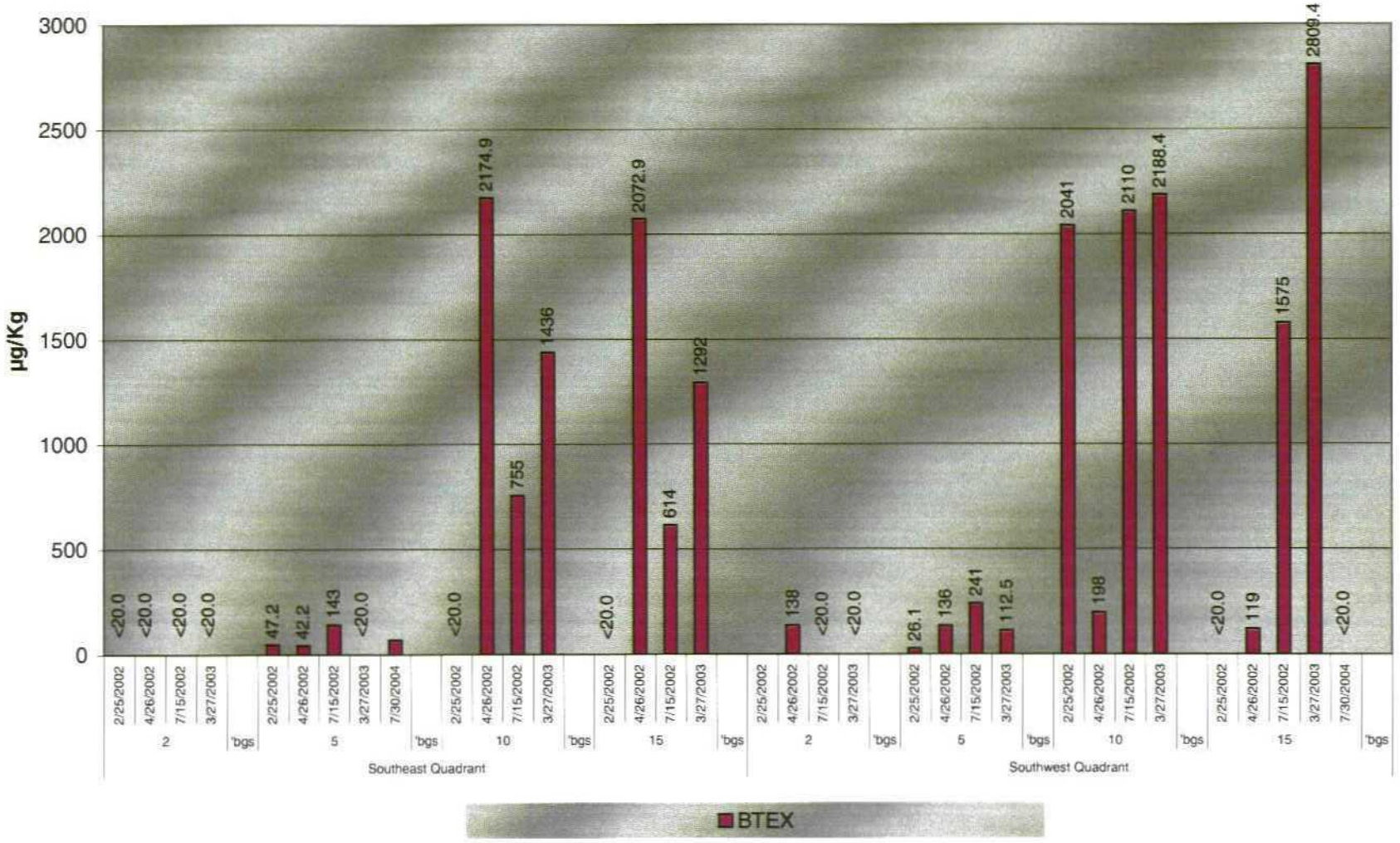


Figure 7: Biocell Southeast and Southwest Quadrants BTEX Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Center, Northeast and Northwest Quadrants
Total Petroleum Hydrocarbon (8015M) Status

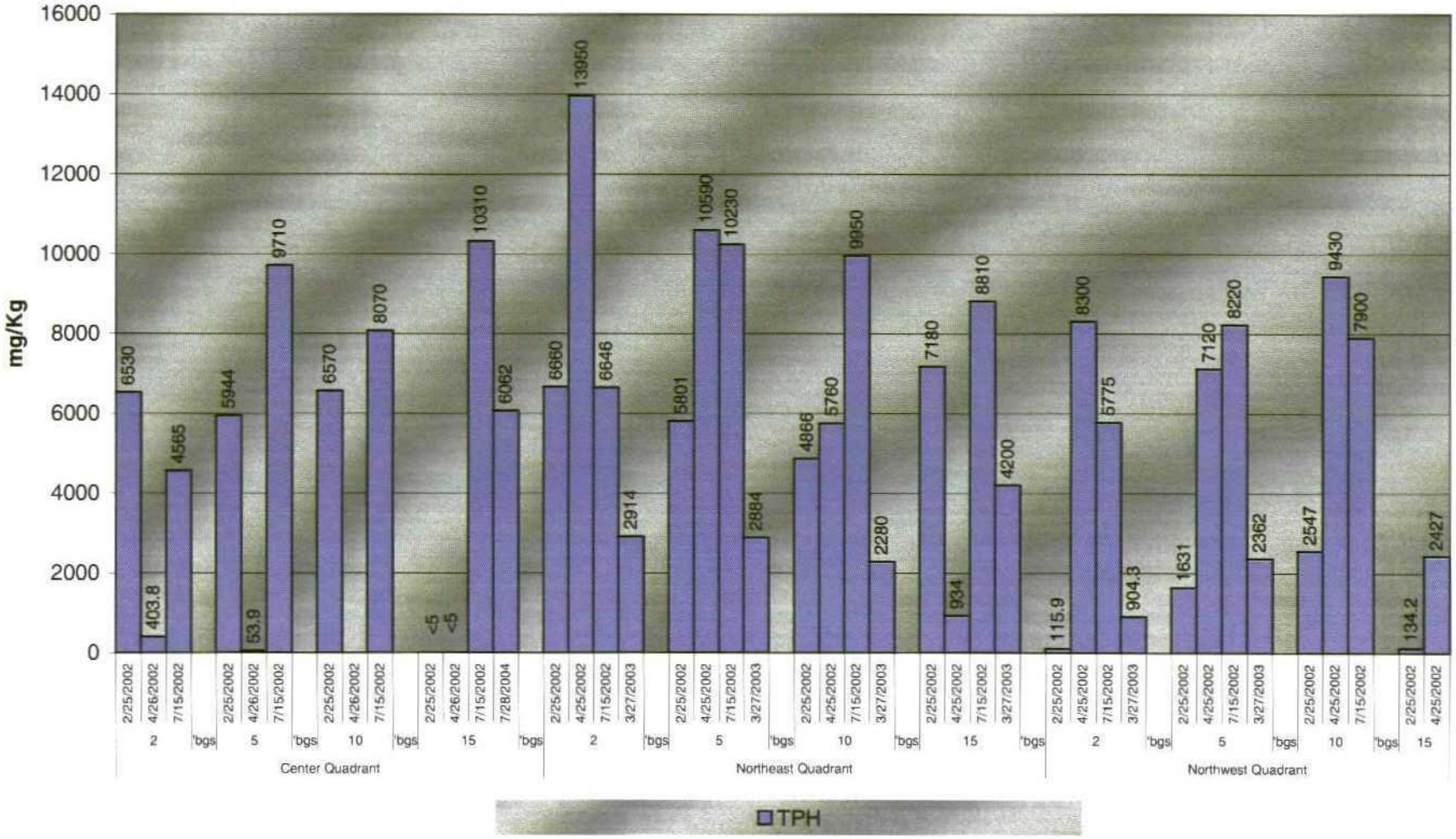


Figure 8: Biocell Center, Northeast and Northwest Quadrants TPH Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell Southeast and Southwest Quadrants
Total Petroleum Hydrocarbon (8015M) Status

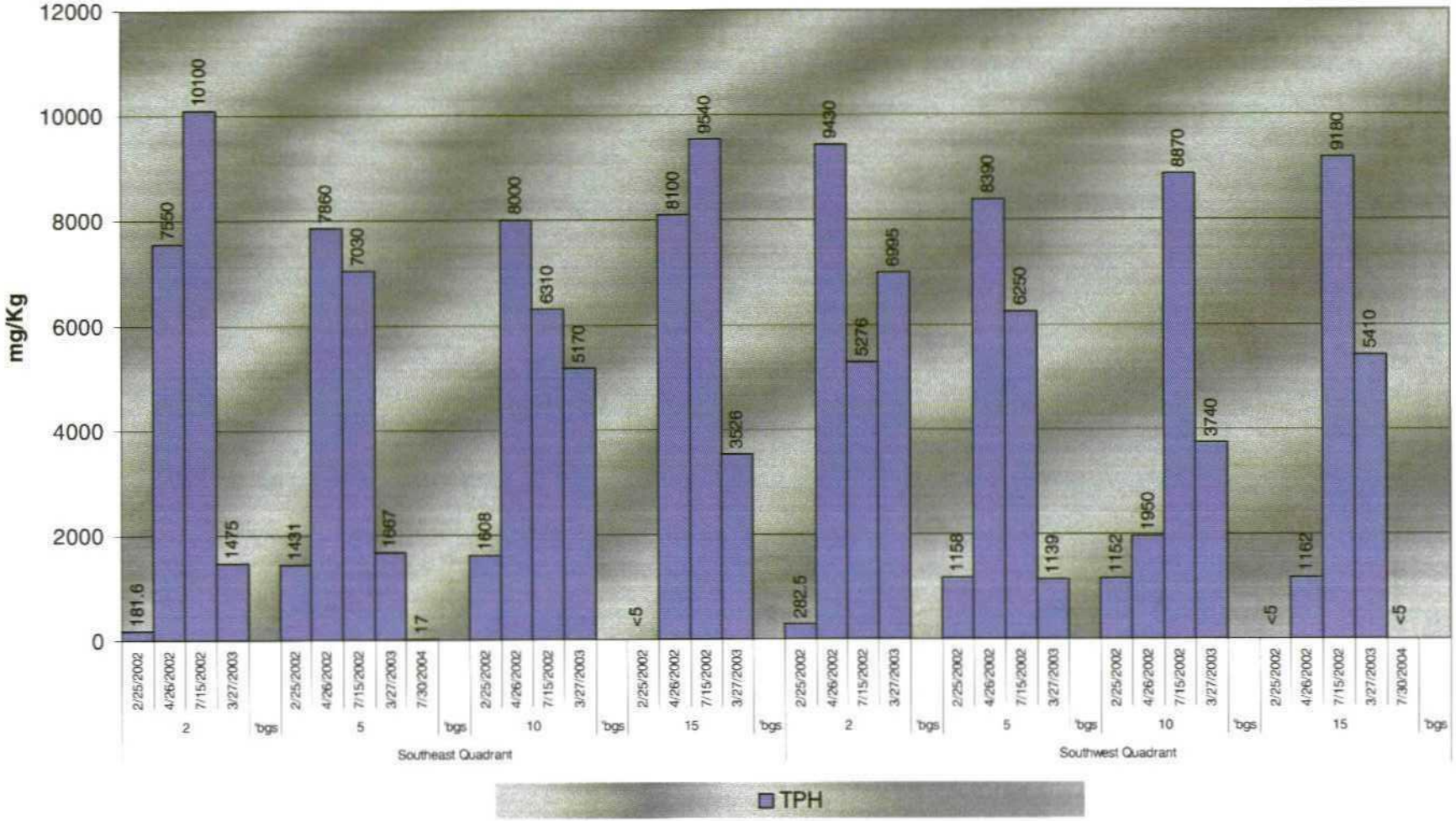


Figure 9: Biocell Southeast and Southwest Quadrants TPH Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Bio-cell VOC Status

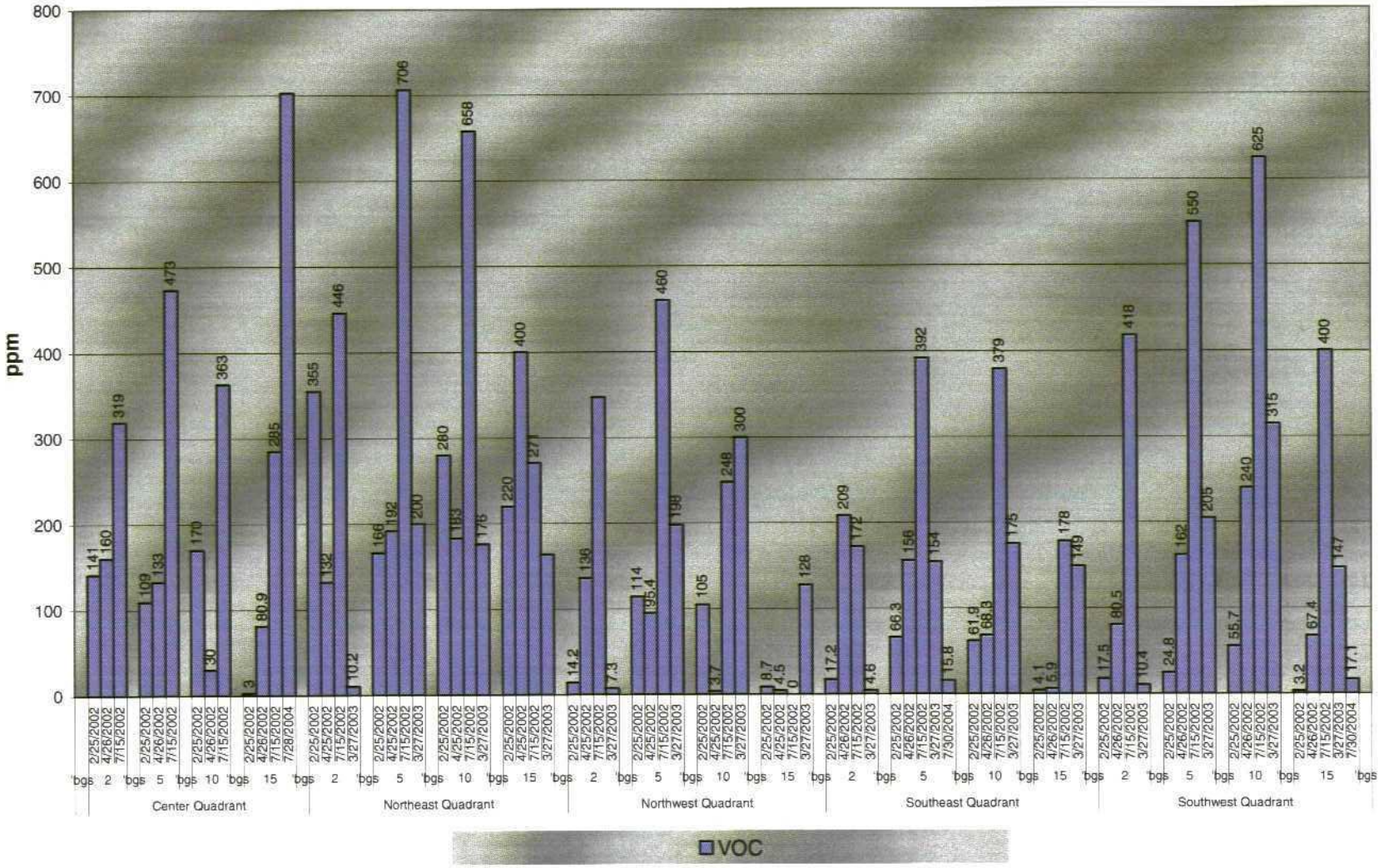


Figure 10: Biocell VOC Concentrations

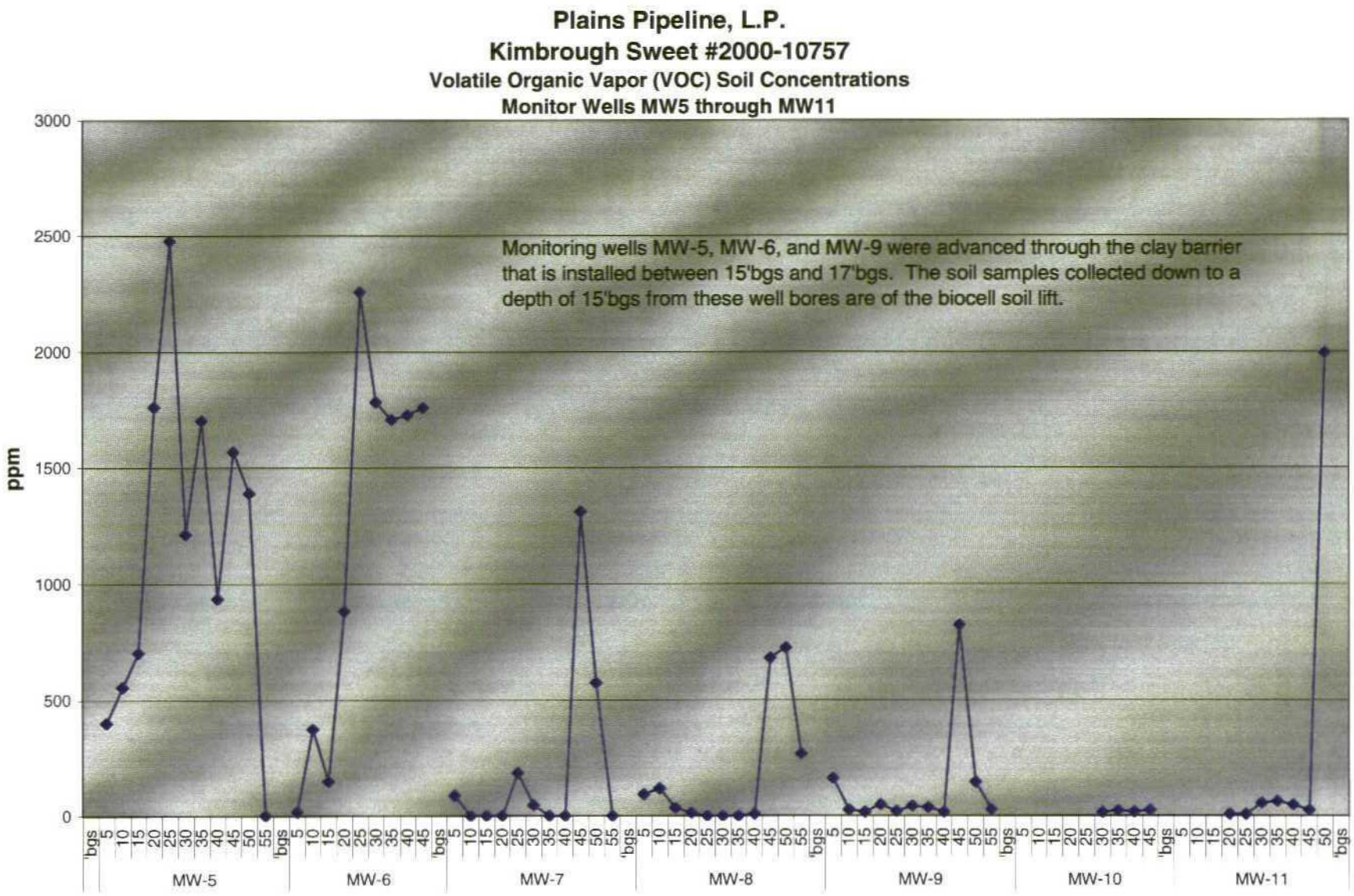


Figure 11: Monitoring Wells MW5 through MW11 Soil VOC Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Total Petroleum Hydrocarbon (TPH) Soil Concentrations
Monitor Wells MW5 through MW11

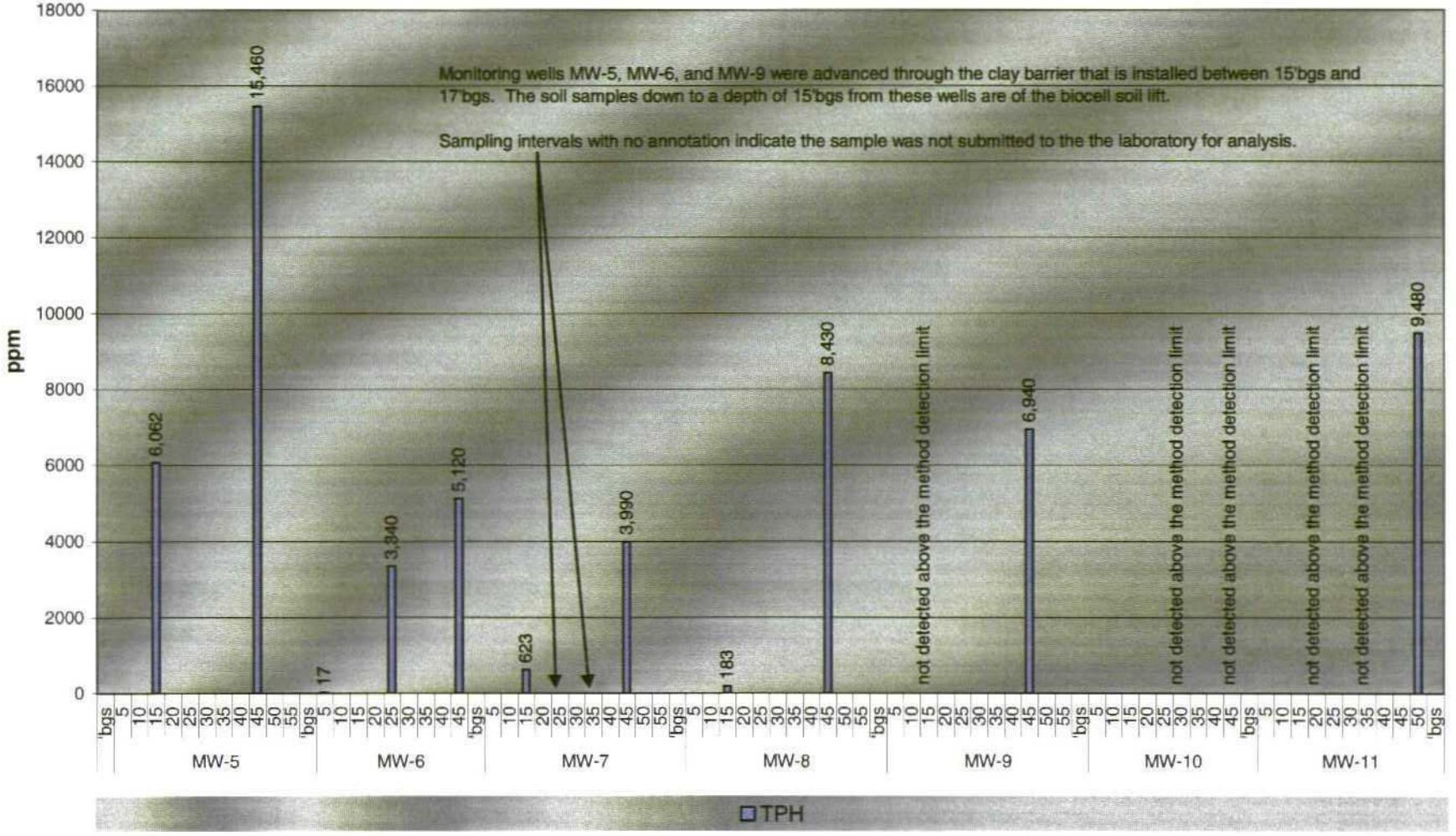


Figure 12: Monitoring Wells MW5 through MW11 Soil TPH Concentrations

Plains Pipeline, L.P.
Kimbrough Sweet #2000-10757
Benzene and BTEX Soil Concentrations
Monitor Wells MW5 through MW11

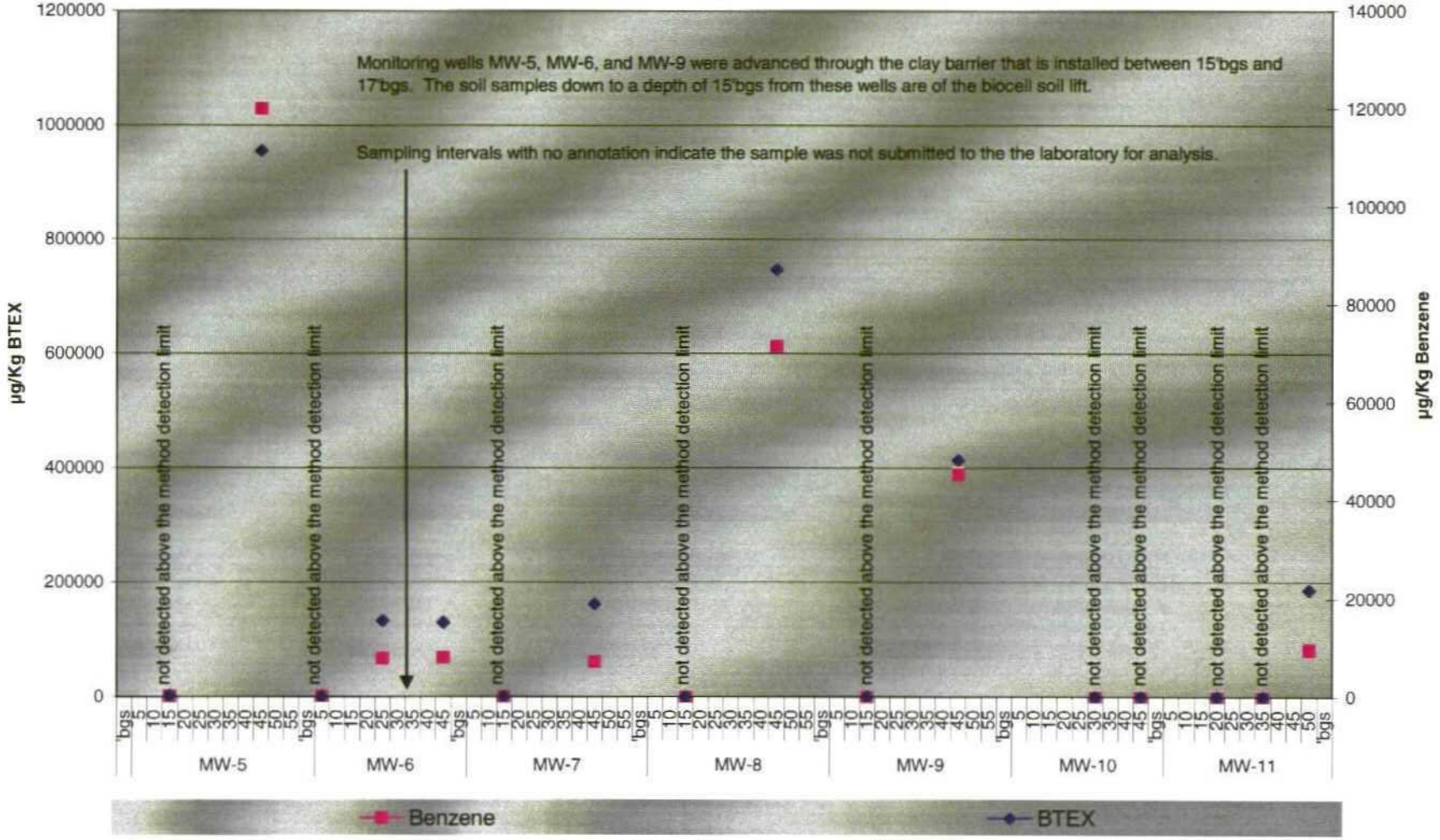


Figure 13: Monitoring Wells MW5 through MW11 Soil Benzene and BTEX Concentrations

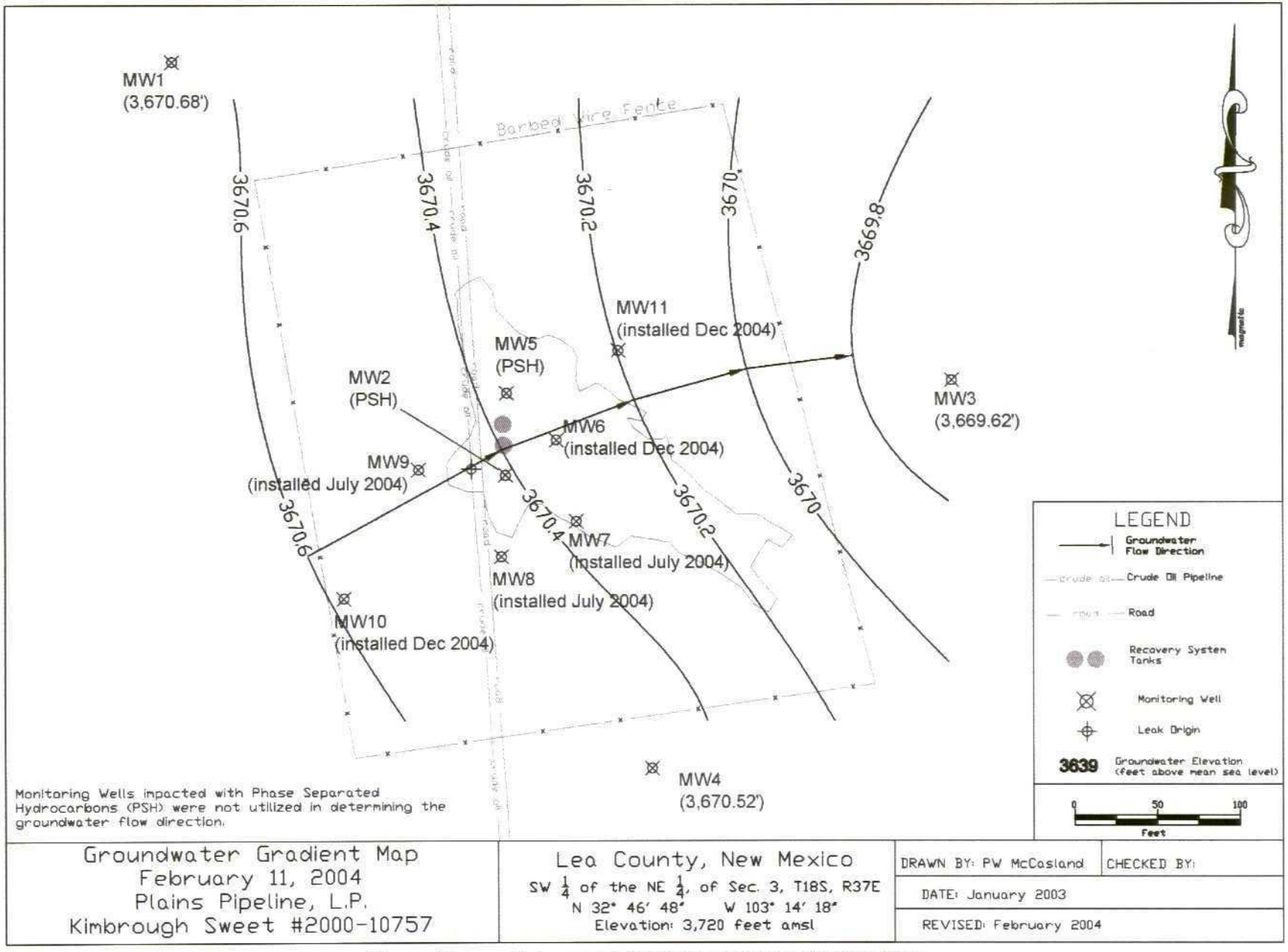


Figure 14: February 11, 2004 Groundwater Gradient Map

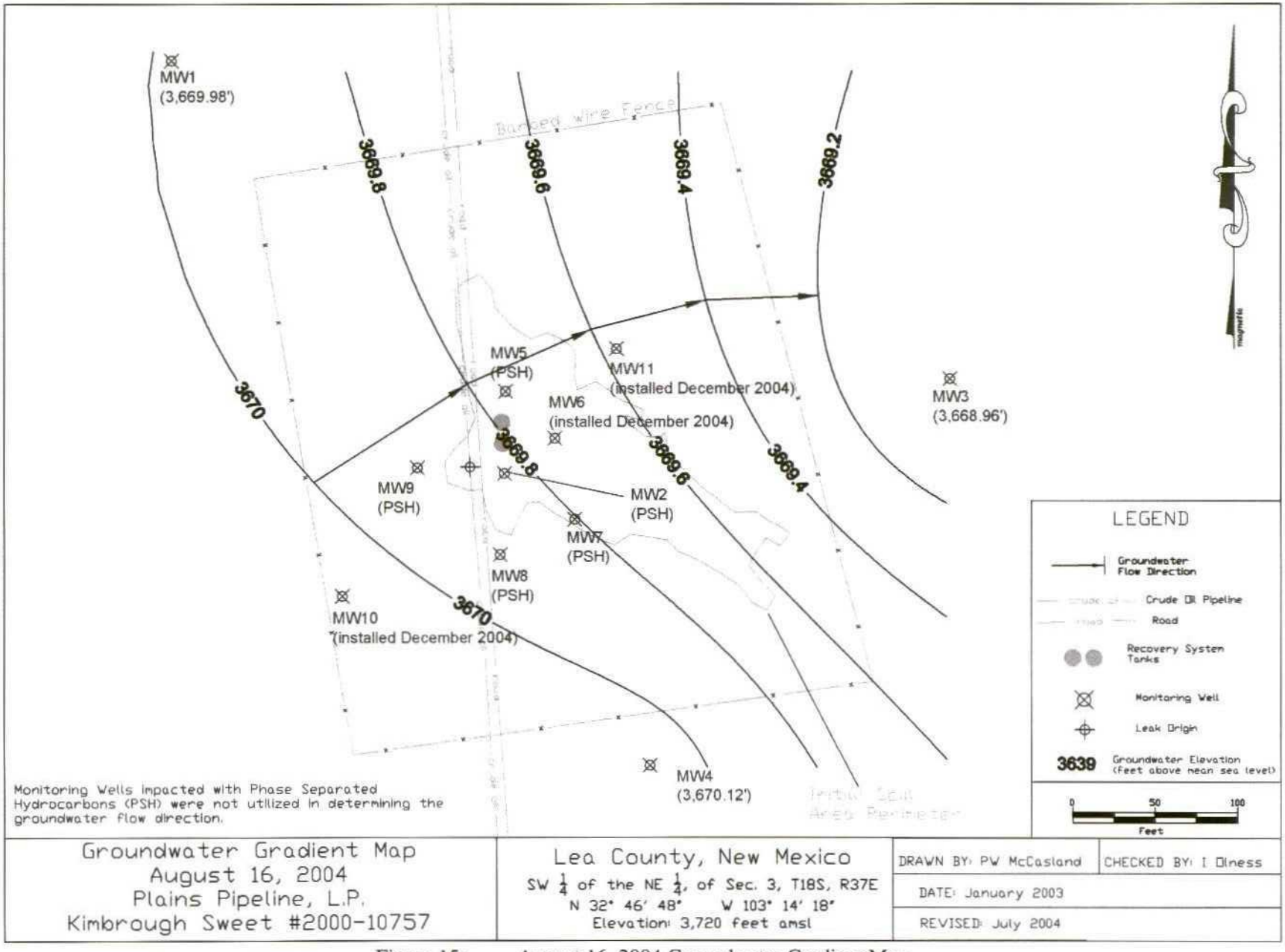


Figure 15: August 16, 2004 Groundwater Gradient Map

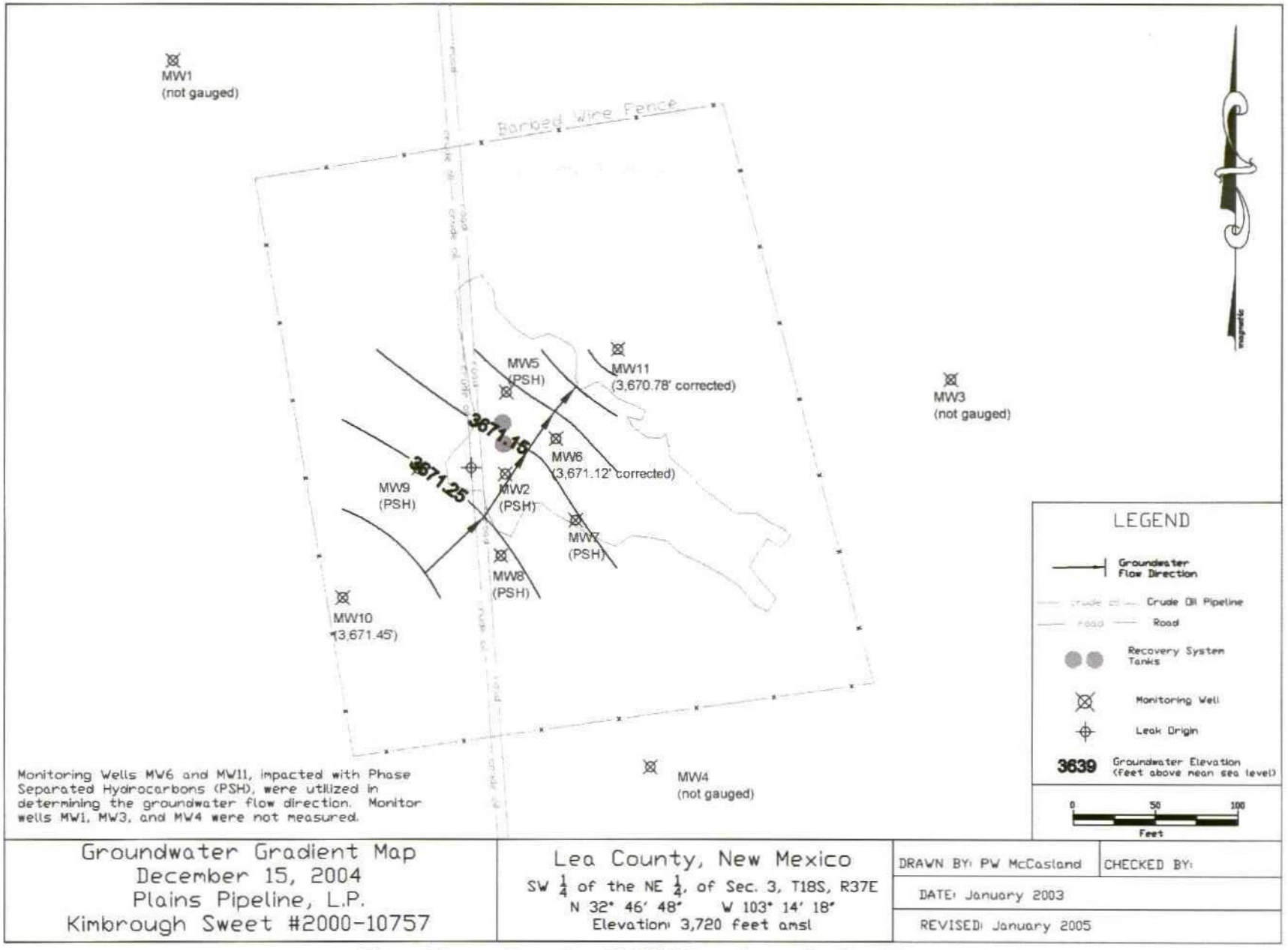


Figure 16: December 15, 2004 Groundwater Gradient Map

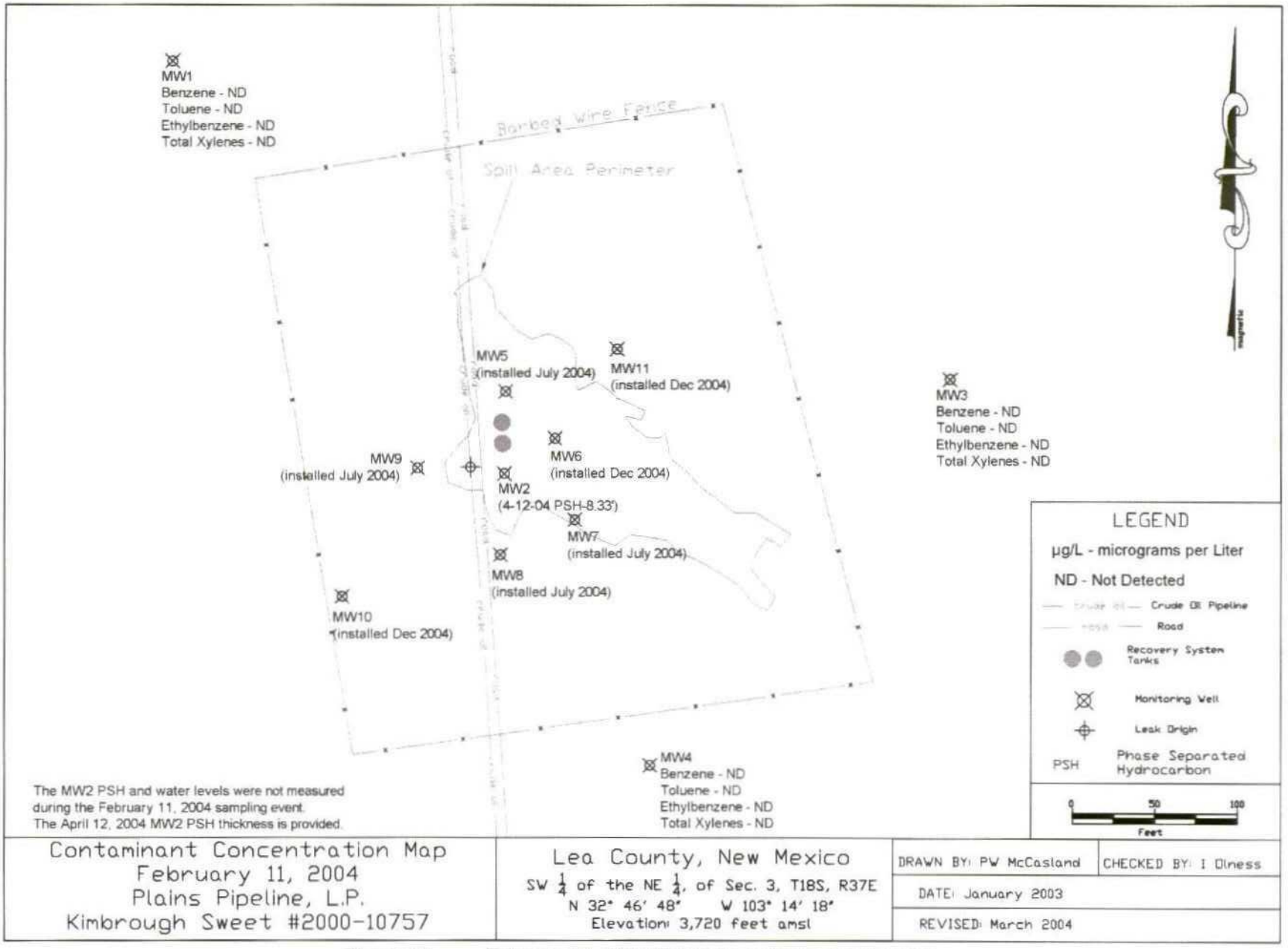


Figure 17: February 11, 2004 Contaminant Concentration Map

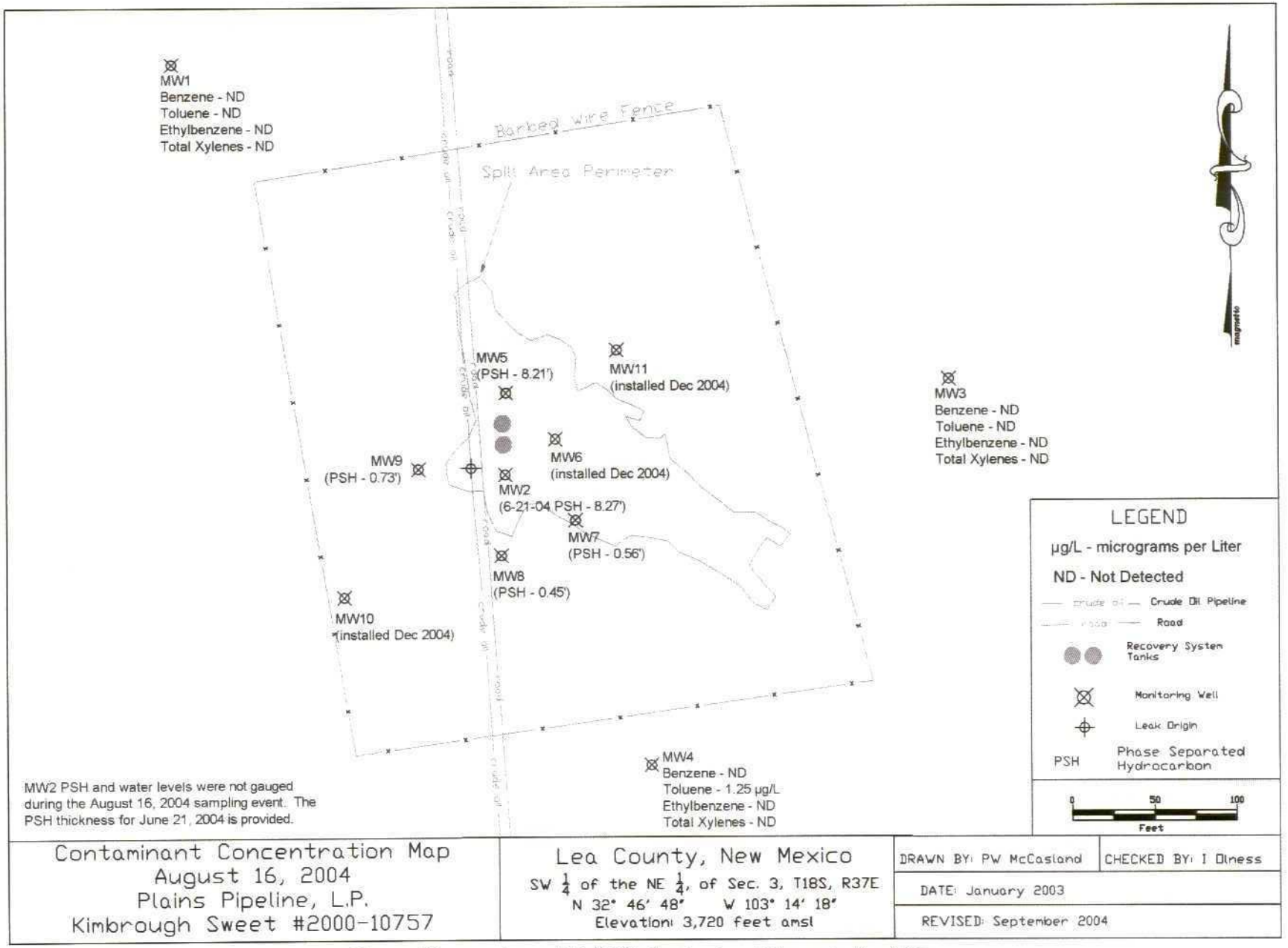


Figure 18: August 16, 2004 Contaminant Concentration Map

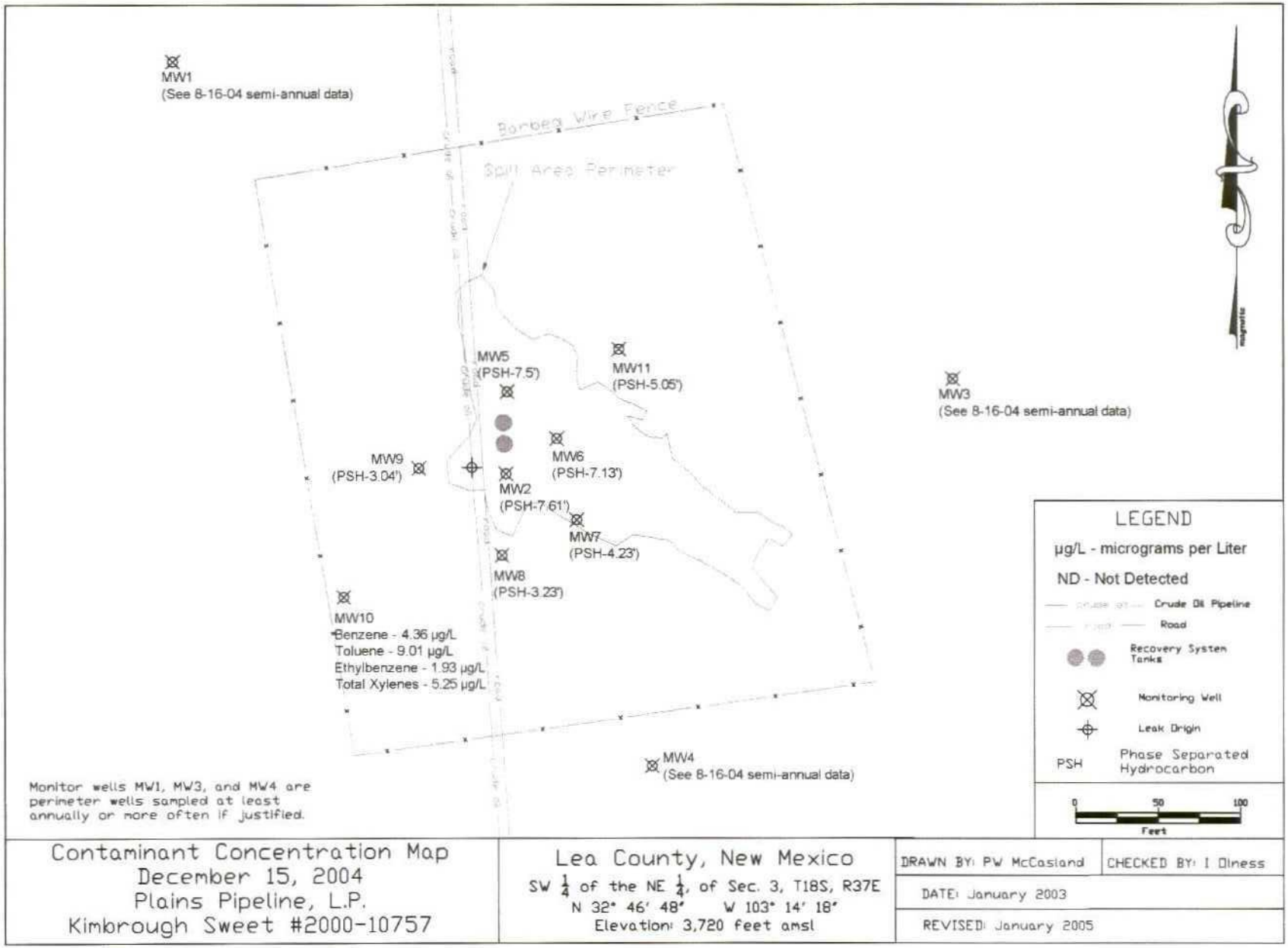


Figure 19: December 15, 2004 Contaminant Concentration Map

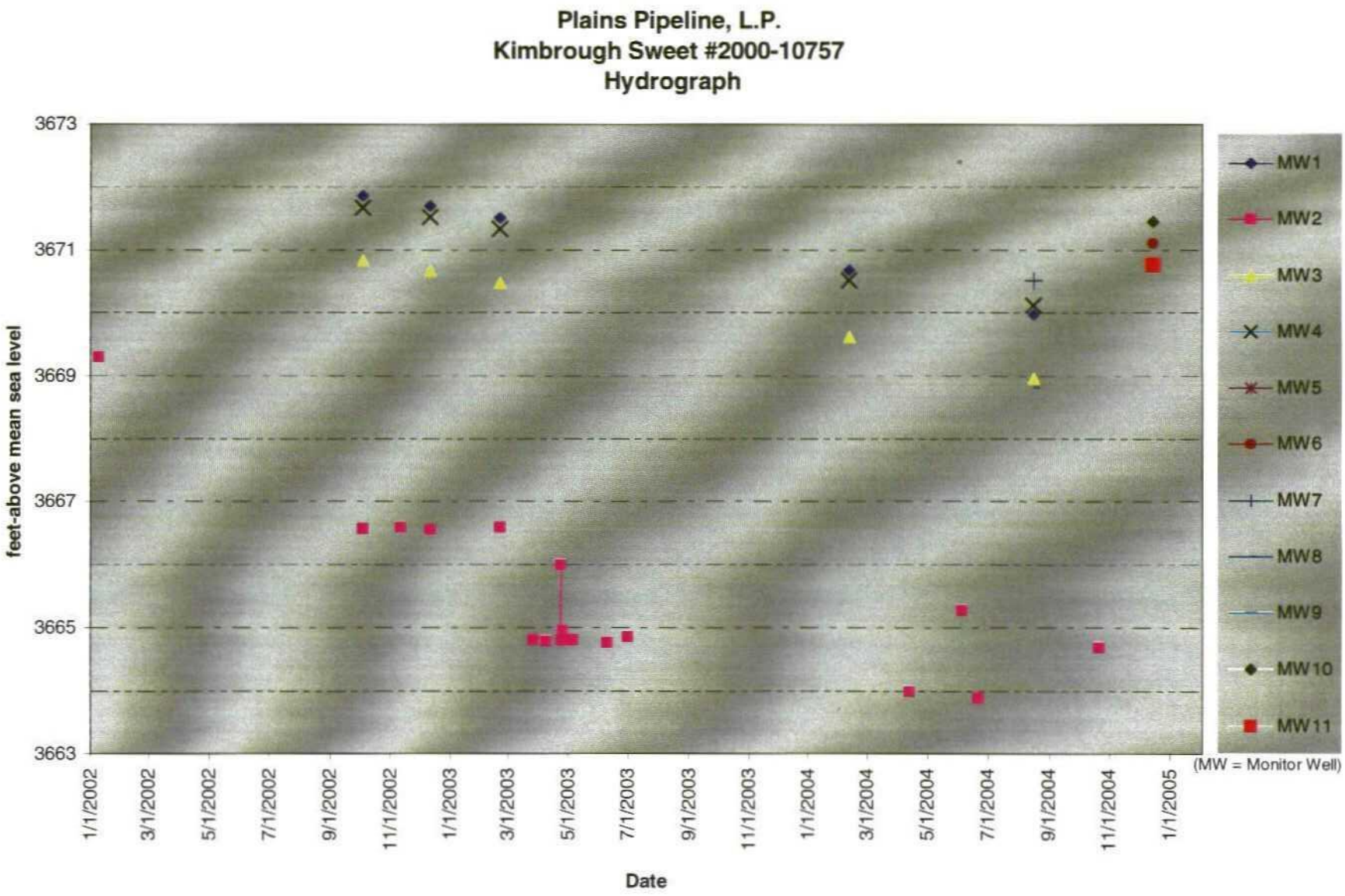


Figure 20: Kimbrough Sweet Hydrograph

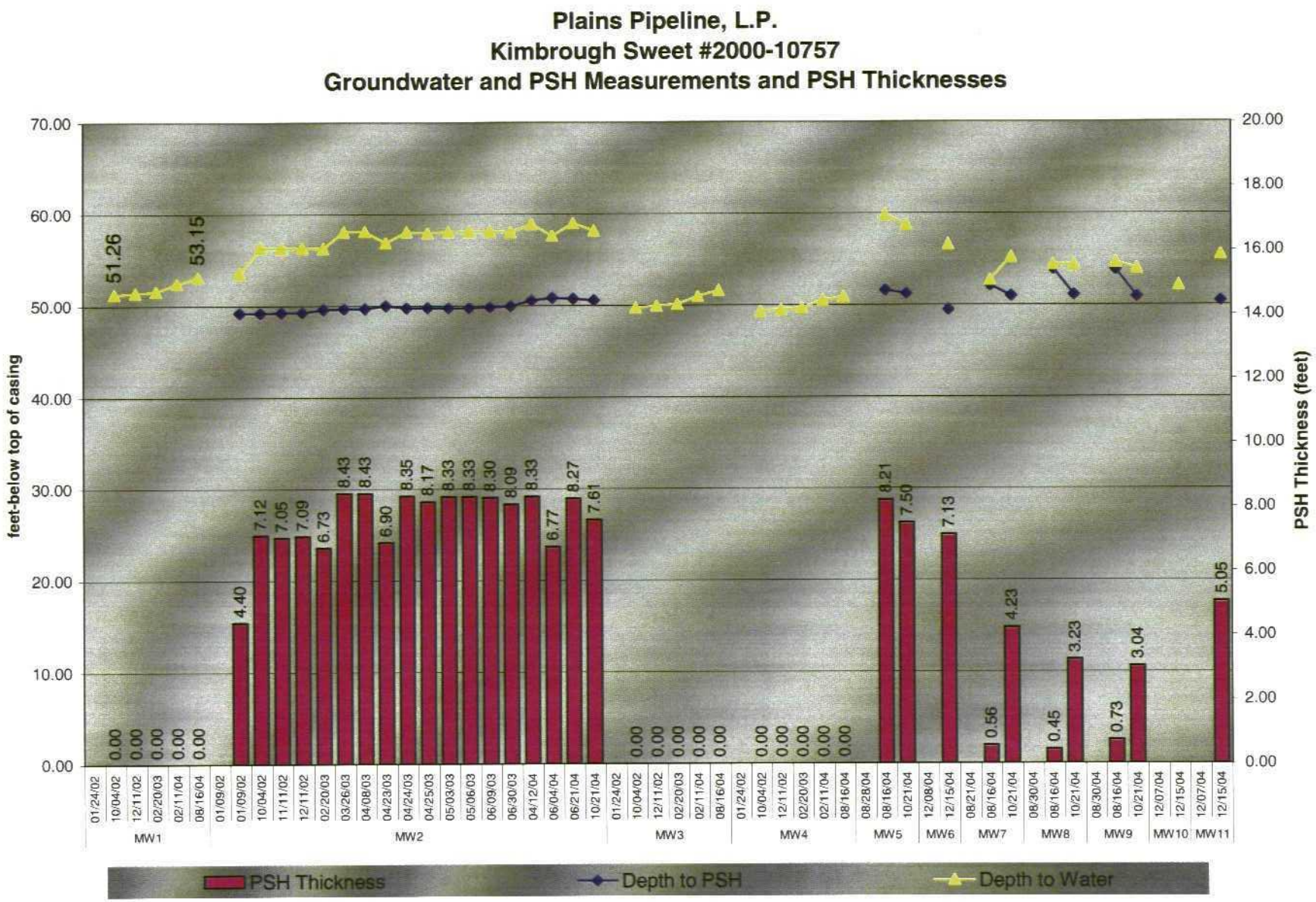


Figure 21: Groundwater and PSH Measurements and PSH Thicknesses (MW1-MW11)

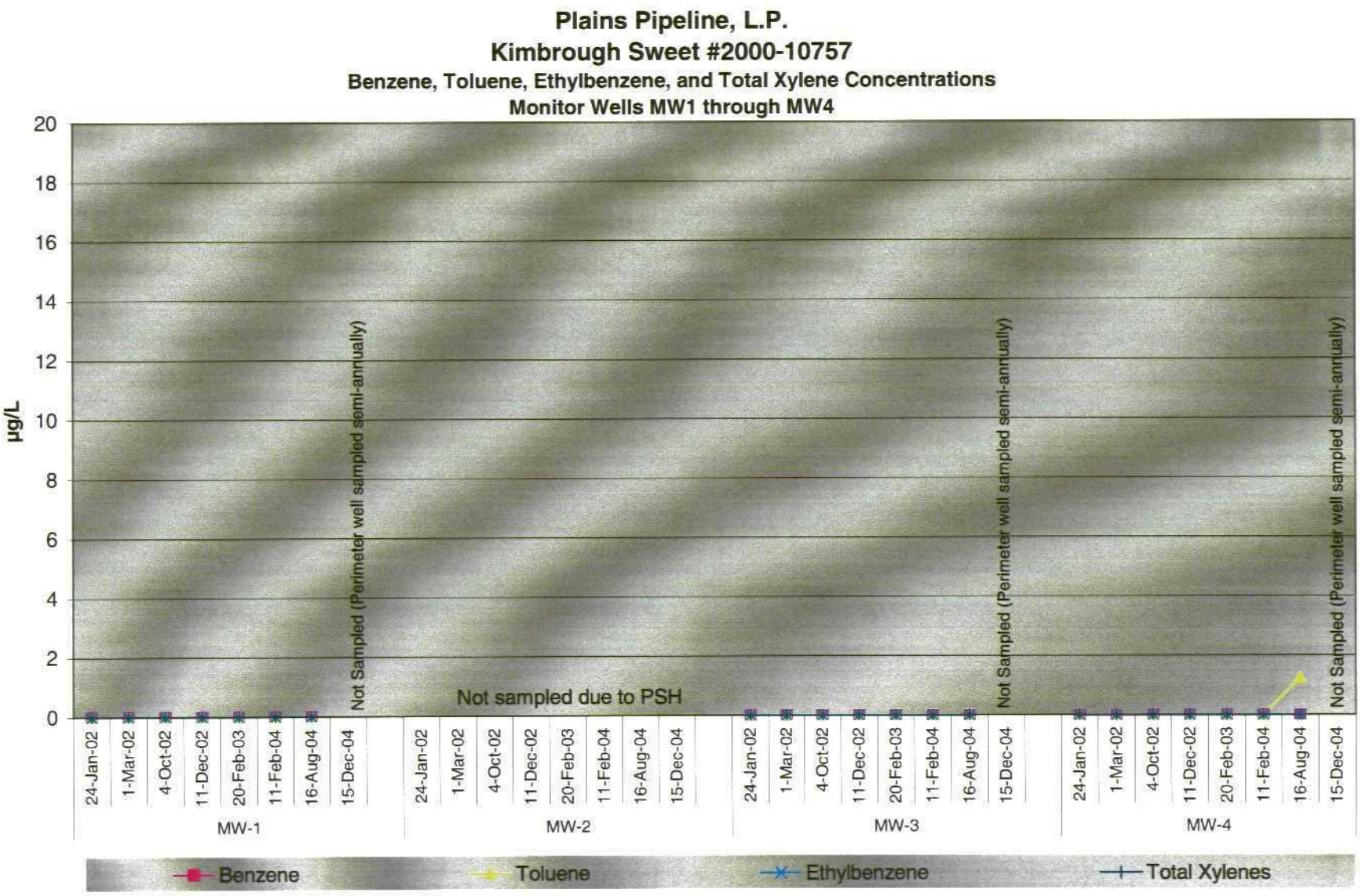


Figure 22: BTEX Concentrations (MW1-MW4)

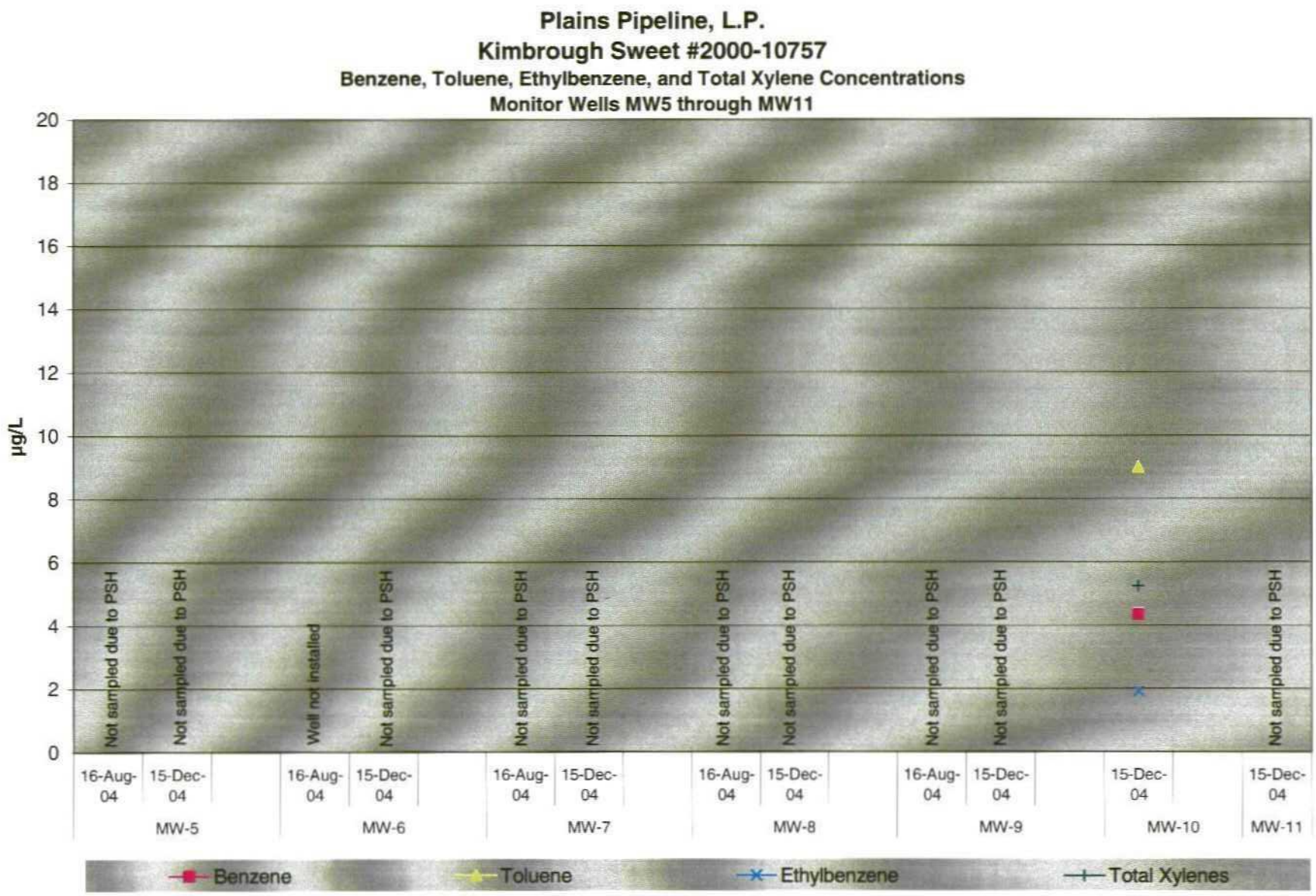


Figure 23: BTEX Concentrations (MW5-MW11)

TABLES

Table 1: Biocell Analytical Summary

Plains Pipeline, L.P.
Kimbrough Sweet - Ref #2000-10757
Biocell Soil Analytical Results

Biocell Quadrant	Sampling Interval (FT. BGS[1])	SAMPLE ID#	Date	VOC[5]	GRO[2]	DRO[3]	TPH[4]	BTEX	Benzene	Toluene	Ethylbenzene	Xylene (m,p)	Xylene (o)
				ppm	mg/Kg	mg/Kg	mg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Center	2	SEKS22502BH5-2'	2/25/2002	141	730	5,800	6,530	1,046	<20	<20	<20	192	854
		SEKS42502BH5-2'	4/26/2002	160	86.8	317	404	<20	<20	<20	<20	<20	<20
		SEKS71502BH5-2'	7/15/2002	319	515	4,050	4,565	<20	<20	<20	<20	<20	<20
	5	SEKS22502BH5-5'	2/25/2002	109	974	4,970	5,944	2,464	<20	<20	<20	194	2,270
		SEKS42502BH5-5'	4/26/2002	133	<5	53.9	53.9	<20	<20	<20	<20	<20	<20
		SEKS71502BH5-5'	7/15/2002	473	1,630	8,080	9,710	166	<20	<20	<20	<20	166
	10	SEKS22502BH5-10'	2/25/2002	170	1,830	4,740	6,570	10,193	<20	93	<20	3,580	6,520
		SEKS42502BH5-10'	4/26/2002	30.0	<5	<5	<5	<20	<20	<20	<20	<20	<20
		SEKS71502BH5-10'	7/15/2002	363	1,570	6,500	8,070	859	<20	<20	<20	29.2	830
	15	SEKS22502BH5-15'	2/25/2002	3.0	<5	<5	<5	<20	<20	<20	<20	<20	<20
		SEKS42502BH5-15'	4/26/2002	80.9	<5	<5	<5	<20	<20	<20	<20	<20	<20
		SEKS71502BH5-15'	7/15/2002	285	1,440	8,870	10,310	491	<20	<20	<20	53.3	438
		MW-5(15')	7/28/2004	703	172	5,890	6,062	1,681	41.6	130	161	1,040	308
Northeast	2	SEKS22502BH1-2'	2/25/2002	355	1,330	5,330	6,660	517	<20	32	<20	56.5	428
		SEKS42502BH1-2'	4/25/2002	132	4,560	9,390	13,950	10,550	<20	<20	<20	1,100	9,450
		SEKS71502BH1-2'	7/15/2002	446	806	5,840	6,646	<20	<20	<20	<20	<20	<20
		SEKS32703BH1-2'	3/27/2003	10	324	2,590	2,914	<20	<20	<20	<20	<20	<20
	5	SEKS22502BH1-5'	2/25/2002	166	871	4,930	5,801	3,119	<20	183	196	1,430	1,310
		SEKS42502BH1-5'	4/25/2002	192	2,470	8,120	10,590	2,252	<20	<20	<20	162	2,090
		SEKS71502BH1-5'	7/15/2002	706	2,320	7,910	10,230	983	<20	<20	<20	<20	983
		SEKS32703BH1-5'	3/27/2003	200	724	2,160	2,884	44.7	<20	<20	<20	44.7	<20
	10	SEKS22502BH1-10'	2/25/2002	280	896	3,970	4,866	3,827	<20	152	225	1,750	1,700
		SEKS42502BH1-10'	4/25/2002	183	1,300	4,460	5,760	4,426	<20	<20	26	2,260	2,140
		SEKS71502BH1-10'	7/15/2002	658	2,290	7,660	9,950	508	<20	<20	<20	<20	508
		SEKS32703BH1-10'	3/27/2003	176	740	1,540	2,280	112	<20	<20	<20	<20	112
	15	SEKS22502BH1-15'	2/25/2002	220	1,110	6,070	7,180	1,713	<20	96	118	834	665
		SEKS42502BH1-15'	4/25/2002	400	180	754	934	115	<20	<20	<20	46.2	68.4
		SEKS71502BH1-15'	7/15/2002	271	1,400	7,410	8,810	878	<20	<20	<20	488	390
		SEKS32703BH1-15'	3/27/2003	164	1,130	3,070	4,200	3,891	<20	<20	139	3,000	752

Plains Pipeline, L.P.
Kimbrough Sweet - Ref #2000-10757
Biocell Soil Analytical Results

Biocell Quadrant	Sampling Interval (FT. BGS[1])	SAMPLE ID#	Date	VOC[5]	GRO[2]	DRO[3]	TPH[4]	BTEX	Benzene	Toluene	Ethylbenzene	Xylene (m,p)	Xylene (o)
				ppm	mg/Kg	mg/Kg	mg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Northwest	2	SEKS22502BH2-2'	2/25/2002	14.2	14.9	101	116	<20	<20	<20	<20	<20	<20
		SEKS42502BH2-2'	4/25/2002	136	1,770	6,530	8,300	21.5	<20	<20	<20	<20	22
		SEKS71502BH2-2'	7/15/2002	347	805	4,970	5,775	<20	<20	<20	<20	<20	<20
		SEKS32703BH2-2'	3/27/2003	7.3	40.3	864	904	<20	<20	<20	<20	<20	<20
	5	SEKS22502BH2-5'	2/25/2002	114	341	1,290	1,631	<20	<20	<20	<20	<20	<20
		SEKS42502BH2-5'	4/25/2002	95.4	1,550	5,570	7,120	386	<20	<20	<20	161	225
		SEKS71502BH2-5'	7/15/2002	460	1,530	6,690	8,220	60	<20	<20	<20	<20	60
		SEKS32703BH2-5'	3/27/2003	198	552	1,810	2,362	50.5	<20	<20	<20	<20	50.5
	10	SEKS22502BH2-10'	2/25/2002	105	367	2,180	2,547	1,321	<20	65.5	<20	414	841
		SEKS42502BH2-10'	4/25/2002	3.7	2,770	6,660	9,430	15,487	<20	32.7	774	9,880	4,800
		SEKS71502BH2-10'	7/15/2002	248	1,140	6,760	7,900	23.0	<20	<20	<20	<20	23.0
		SEKS32703BH2-10'	3/27/2003	300	na	na	na	na	na	na	na	na	na
	15	SEKS22502BH2-15'	2/25/2002	8.7	14.2	120	134	<20	<20	<20	<20	<20	<20
		SEKS42502BH2-15'	4/25/2002	4.5	457	1,970	2,427	2,579	<20	25	96	1,630	828
		SEKS71502BH2-15'	7/15/2002	na	na	na	na	na	na	na	na	na	na
		SEKS32703BH2-15'	3/27/2003	128	na	na	na	na	na	na	na	na	na
Southeast	2	SEKS22502BH3-2'	2/25/2002	17.2	21.6	160	182	<20	<20	<20	<20	<20	<20
		SEKS42602BH3-2'	4/26/2002	209	1,620	5,930	7,550	<20	<20	<20	<20	<20	<20
		SEKS71502BH3-2'	7/15/2002	172	1,200	8,900	10,100	<20	<20	<20	<20	<20	<20
		SEKS32703BH3-2'	3/27/2003	4.6	185	1,290	1,475	<20	<20	<20	<20	<20	<20
	5	SEKS22502BH3-5'	2/25/2002	66.3	221	1,210	1,431	47.2	<20	<20	<20	<20	47.2
		SEKS42602BH3-5'	4/26/2002	156	2,060	5,800	7,860	42.2	<20	<20	<20	<20	42.2
		SEKS71502BH3-5'	7/15/2002	392	1,270	5,760	7,030	143	<20	<20	<20	<20	143
		SEKS32703BH3-5'	3/27/2003	154	457	1,210	1,667	<20	<20	<20	<20	<20	<20
		MW-6 (5')	7/30/2004	15.8	<5	17.0	17.0	67.7	40.8	26.9	<20	<40	<20
	10	SEKS22502BH3-10'	2/25/2002	61.9	248	1,360	1,608	358	<20	<20	<20	<20	358
		SEKS42602BH3-10'	4/26/2002	68.3	2,220	5,780	8,000	2,175	<20	<20	38	927	1,210
		SEKS71502BH3-10'	7/15/2002	379	1,040	5,270	6,310	755	<20	<20	<20	<20	755
		SEKS32703BH3-10'	3/27/2003	175	1,090	4,080	5,170	1,436	<20	<20	<20	426	1,010
	15	SEKS22502BH3-15'	2/25/2002	4.1	<5	<5	<5	<20	<20	<20	<20	<20	<20
		SEKS42502BH3-15'	4/26/2002	5.9	2,170	5,930	8,100	2,073	<20	<20	50.9	912	1,110
		SEKS71502BH3-15'	7/15/2002	178	1,590	7,950	9,540	614	<20	<20	<20	<20	614
		SEKS32703BH3-15'	3/27/2003	149	986	2,540	3,526	1,292	<20	<20	<20	375	917

Plains Pipeline, L.P.
Kimbrough Sweet - Ref #2000-10757
Biocell Soil Analytical Results

Biocell Quadrant	Sampling Interval (FT. BGS[1])	SAMPLE ID#	Date	VOC[5]	GRO[2]	DRO[3]	TPH[4]	BTEX	Benzene	Toluene	Ethylbenzene	Xylene (m,p)	Xylene (o)
				ppm	mg/Kg	mg/Kg	mg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Southwest	2	SEKS22502BH4-2'	2/25/2002	17.5	54.5	228	283	<20	<20	<20	<20	<20	<20
		SEKS42502BH4-2'	4/26/2002	80.5	2,440	6,990	9,430	138	<20	<20	<20	<20	138
		SEKS71502BH4-2'	7/15/2002	418	896	4,380	5,276	<20	<20	<20	<20	<20	<20
		SEKS32703BH4-2'	3/27/2003	10.4	305	6,690	6,995	<20	<20	<20	<20	<20	<20
	5	SEKS22502BH4-5'	2/25/2002	24.8	324	834	1,158	26.1	<20	<20	<20	<20	26.1
		SEKS42502BH4-5'	4/26/2002	162	2,280	6,110	8,390	136	<20	<20	<20	<20	136
		SEKS71502BH4-5'	7/15/2002	550	1,250	5,000	6,250	241	<20	<20	<20	<20	241
		SEKS32703BH4-5'	3/27/2003	205	397	742	1,139	113	<20	29	<20	61.6	22.1
	10	SEKS22502BH4-10'	2/25/2002	55.7	210	942	1,152	2,041	<20	<20	<20	421	1,620
		SEKS42502BH4-10'	4/26/2002	240	410	1,540	1,950	198	<20	<20	<20	<20	198
		SEKS71502BH4-10'	7/15/2002	625	1,840	7,030	8,870	2,110	<20	<20	<20	1,040	1,070
		SEKS32703BH4-10'	3/27/2003	315	1,060	2,680	3,740	2,188	<20	39	22	1,320	808
	15	SEKS22502BH4-15'	2/25/2002	3.2	<5	<5	<5	<20	<20	<20	<20	<20	<20
		SEKS42502BH4-15'	4/26/2002	67.4	285	877	1,162	117	<20	<20	<20	<20	119
		SEKS71502BH4-15'	7/15/2002	400	1,740	7,440	9,180	1,575	<20	<20	<20	235	1,340
		SEKS32703BH4-15'	3/27/2003	147	1,480	3,930	5,410	2,809	<20	55	24	1,590	1,140
		2002-10757MW-9(15')	7/30/2004	17.1	<5	<2.5	<5	<40	<20	<20	<20	<40	<20
New Mexico Oil Conservation Division Site Remedial Goals				100			100	50	10				

[1]bgs – below ground surface
[2]GRO-Gasoline Range Organics C_6-C_{10}
[3]DRO-Diesel Range Organics C_{10}-C_{35}
[4]TPH-Total Petroleum Hydrocarbon = GRO+DRO
[5]VOC - Volatile Organic Constituent Headspace Concentration
na - not analyzed

Table 2: Monitoring Well Soil Analytical Summary

Plains Pipeline, L.P.

Kimbrough Sweet - Ref #2000-10757

Monitoring Well Soil Analytical Summary

Sample ID	Sample Date	Monitoring Well	Lithology & Description	VOC (ppm)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethylbenzene (µg/Kg)	m,p-Xylenes (µg/Kg)	o-Xylene (µg/Kg)	BTEX (µg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
MW-5 (5')	28-Jul-04	MW-5	Sand/clay/loam/rock (oil odor)	401	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (10')			Sand/clay/loam/rock (oil odor)	555	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (15')			Sand/clay/loam/rock (oil odor)	703	41.6	130	161	1,040	308	1,681	172	5,890	6,062
MW-5 (20')			Caliche (crude oil odor)	1,762	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (25')			Fine caliche (oil odor)	2,477	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (30')			Sand/rounded pebbles (oil odor)	1,213	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (35')			Sand (crude oil odor)	1,702	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (40')			Sand (crude oil odor)	936	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (45')			Rock/sand (crude oil odor)	1,568	120,000	408,000	131,000	217,000	79,200	955,200	7,720	7,740	15,460
MW-5 (50')			Sand (crude oil sheen/odor)	1,391	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5 (55')			Wet sand (no odor)	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (5')	8-Dec-04	MW-6	Brown clay/caliche rock (no odor)	15.8	40.8	26.9	<20	<40	<20	67.7	<5	17	17
MW-6 (10')			Brown clay/caliche rock (oil odor)	374	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (15')			Brown clay/caliche rock (oil odor)	149	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (20')			Red Clay (no odor)	882	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (25')			Tan sand/caliche (oil odor)	2,257	7,840	47,800	19,100	40,700	17,200	133,000	1,300	2,040	3,340
MW-6 (30')			Reddish tan fine sand (oil odor)	1,783	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (35')			Reddish tan fine sand (oil odor)	1,707	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (40')			Tan fine sand (oil odor)	1,728	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 (45')			Reddish tan fine sand (oil odor)	1,759	8,070	46,600	20,200	38,400	16,400	130,000	1,870	3,250	5,120
MW-7 (5')	28-Jul-04	MW-7	Brown clay/caliche rock (no odor)	88.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (10')			Caliche (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (15')			Caliche (no odor)	0.0	<20	<20	<20	<40	<20	<120	<5	623	623
MW-7 (20')			Caliche (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (25')			Reddish tan fine sand (faint odor)	186	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (30')			Reddish tan fine sand (no odor)	47.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (35')			Reddish tan fine sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (40')			Reddish tan fine sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (45')			Tan fine sand moist (oil odor)	1,312	7,200	62,200	26,500	48,400	17,900	162,200	1,370	2,620	3,990
MW-7 (50')			Sand (crude oil sheen/odor)	575	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 (55')			Wet sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(5')	30-Jul-04	MW-8	Caliche (no odor)	93.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(10')			Caliche (no odor)	119	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(15')			Caliche (no odor)	34.6	<20	<20	<20	<40	<20	<120	<5	183	183
2002-10757MW-8(20')			Caliche (no odor)	14.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(25')			Reddish tan fine sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(30')			Reddish tan fine sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(35')			Reddish tan fine sand (no odor)	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(40')			Reddish tan fine sand (no odor)	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(45')			Tan fine sand moist (oil odor)	682	71,600	318,000	115,000	177,000	65,600	747,200	3,360	5,070	8,430
2002-10757MW-8(50')			Sand (crude oil sheen/odor)	727	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-8(55')			Wet sand (no odor)	270	NA	NA	NA	NA	NA	NA	NA	NA	NA

Plains Pipeline, L.P.

Kimbrough Sweet - Ref #2000-10757

Monitoring Well Soil Analytical Summary

Sample ID	Sample Date	Monitoring Well	Lithology & Description	VOC (ppm)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethylbenzene (µg/Kg)	m,p-Xylenes (µg/Kg)	o-Xylene (µg/Kg)	BTEX (µg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
2002-10757MW-9(5')	30-Jul-04	MW-9	Caliche (slight oil odor)	164	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(10')			Caliche (no odor)	26.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(15')			Caliche (no odor)	17.1	<20	<20	<20	<40	<20	<120	<5	<2.5	<7.5
2002-10757MW-9(20')			Caliche (no odor)	49.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(25')			Tan fine sand/caliche (no odor)	19.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(30')			Reddish fine sand (no odor)	43.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(35')			Reddish fine sand moist (no odor)	36.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(40')			Reddish fine sand moist (no odor)	17.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(45')			Tan sand/caliche moist (oil odor)	825	**45,400**	171,000	57,700	104,000	36,200	**414,300**	2,800	4,140	**6,940**
2002-10757MW-9(50')			Sand moist (crude oil sheen/odor)	147	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002-10757MW-9(55')			Wet sand (no odor)	29.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10 (5')	07-Dec-04	MW-10	Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10 (10')			Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10 (15')			Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10 (20')			Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10 (25')			Tan fine sand/caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10 (30')			Reddish fine sand (no odor)	15.6	<20	<20	<20	<40	<20	<120	<5	<2.5	<7.5
MW-10 (35')			Reddish fine sand moist (no odor)	23.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10 (40')			Reddish fine sand moist (no odor)	18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10 (45')			Reddish fine sand moist (no odor)	25.4	<20	<20	<20	<40	<20	<120	<5	<2.5	<7.5
MW-11 (5')	07-Dec-04	MW-11	Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11 (10')			Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11 (15')			Caliche (no odor)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11 (20')			Tan fine sand/caliche (no odor)	8.3	<20	<20	<20	<40	<20	<120	<5	<2.5	<7.5
MW-11 (25')			Tan fine sand/caliche (no odor)	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11 (30')			Tan fine sand/caliche (no odor)	56.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11 (35')			Tan fine sand/caliche (no odor)	63.5	<20	<20	<20	<40	<20	<120	<5	<2.5	<7.5
MW-11 (40')			Tan fine sand/caliche (no odor)	48.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11 (45')			Reddish fine sand moist (oil odor)	25.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11 (50')			Wet sand (oil sheen and odor)	1,995	9,710	63,900	29,100	58,900	25,400	**187,000**	2,850	6,630	**9,480**
NMOCD Remedial Thresholds					**10,000**					**50,000**			**100**

[1] *Bolded values are in excess of the NMOCD Remediation Thresholds*

[2] *NA : Not Analyzed*

[3] *NS : Not Sampled*

Table 3: Groundwater and PSH Elevations and PSH Thicknesses and Recovery

Plains Pipeline, L.P.

Kimbrough Sweet - Ref #2000-10757

Relative Groundwater Elevations

Phase Separated Hydrocarbons (PSH) Thicknesses and Recovery Volumes

Monitor Well	Date Gauged	Relative Top of Casing Elevation	Depth to PSH	Depth to Water	Corrected Relative Groundwater Elevation	PSH Thickness	PSH Hauled Off-site
		feet amsl*	feet btoc*	feet btoc	feet amsl	feet	gallons
MW1	01/24/02	Well Installed 24 January 2002					
	10/04/02	3,723.13	--	51.26	3,671.87	--	
	12/11/02		--	51.43	3,671.70	--	
	02/20/03		--	51.62	3,671.51	--	
	02/11/04		--	52.45	3,670.68	--	
	08/16/04		--	53.15	3,669.98	--	
MW2	01/09/02	Well Installed 9 January 2002					
	01/09/02	3,722.90	49.20	53.60	3,669.30	4.40	
	10/04/02		49.21	56.33	3,666.57	7.12	
	11/11/02		49.25	56.30	3,666.60	7.05	
	12/11/02		49.25	56.34	3,666.56	7.09	
	02/20/03		49.57	56.30	3,666.60	6.73	
	03/26/03		49.66	58.09	3,664.81	8.43	
	04/08/03		49.68	58.11	3,664.79	8.43	
	04/23/03		50.00	56.90	3,666.00	6.90	
	04/24/03		49.75	58.10	3,664.80	8.35	
	04/25/03		49.78	57.95	3,664.95	8.17	
	05/03/03		49.77	58.10	3,664.80	8.33	
	05/06/03		49.75	58.08	3,664.82	8.33	
	06/09/03		49.83	58.13	3,664.77	8.30	
	06/30/03		49.95	58.04	3,664.86	8.09	1155
	04/12/04		50.58	58.91	3,663.99	8.33	
	06/04/04		50.85	57.62	3,665.28	6.77	
	06/21/04		50.74	59.01	3,663.89	8.27	
	10/21/04		50.59	58.20	3,664.70	7.61	318
MW3	01/24/02	Well Installed 24 January 2002					
	10/04/02	3,720.60	--	49.77	3,670.83	--	
	12/11/02		--	49.93	3,670.67	--	
	02/20/03		--	50.13	3,670.47	--	
	02/11/04		--	50.98	3,669.62	--	
	08/16/04		--	51.64	3,668.96	--	
MW4	01/24/02	Well Installed 24 January 2002					
	10/04/02	3,721.03	--	49.35	3,671.68	--	
	12/11/02		--	49.50	3,671.53	--	
	02/20/03		--	49.69	3,671.34	--	
	02/11/04		--	50.51	3,670.52	--	
	08/16/04		--	50.91	3,670.12	--	

Plains Pipeline, L.P.

Kimbrough Sweet - Ref #2000-10757

Relative Groundwater Elevations

Phase Separated Hydrocarbons (PSH) Thicknesses and Recovery Volumes

Monitor Well	Date Gauged	Relative Top of Casing Elevation	Depth to PSH	Depth to Water	Corrected Relative Groundwater Elevation	PSH Thickness	PSH Hauled Off-site
		feet amsl*	feet btoc*	feet btoc	feet amsl	feet	gallons
MW5	07/28/04	Well Installed 28 July 2004					
	08/16/04	2,723.58	51.65	59.86	2,663.72	8.21	
	10/21/04		51.26	58.76	2,664.82	7.50	
MW6	12/08/04	Well installed 8 December 2004					
	12/15/04	3,721.68	49.49	56.62	3,671.12	7.13	
MW7	07/28/04	Well Installed 28 July 2004					
	08/16/04	3,722.74	52.14	52.70	3,670.52	0.56	
	10/21/04		51.00	55.23	3,671.11	4.23	
MW8	07/30/04	Well Installed 30 July 2004					
	08/16/04	3,722.85	53.96	54.41	3,668.82	0.45	
	10/21/04		51.15	54.38	3,671.22	3.23	
MW9	07/30/04	Well Installed 30 July 2004					
	08/16/04	3,722.80	53.92	54.65	3,668.77	0.73	
	10/21/04		50.95	53.99	3,671.39	3.04	
MW10	12/07/04	Well installed 7 December 2004					
	12/15/04	3,723.62		52.17	3,671.45		
MW11	12/07/04	Well installed 7 December 2004					
	12/15/04	3,722.03	50.49	55.54	3,670.78	5.05	
						Cumlative PSH Recovery (gallons)	1473

* Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness).

- - = Not Detected

If the cell is blank, the well was not gauged.

btoc - below top of casing

amsl - above mean sea level

Table 4: PSH Declination Table

Plains Pipeline, L.P.
Kimbrough Sweet - Ref #2000-10757
Phase Separated Hydrocarbons (PSH) Declination Table

Monitor Well	Year	Average PSH Thickness	Average PSH Thickness Decline/Increase
		feet	feet
MW1	2002	NA	--
	2003	NA	--
	2004	NA	--
MW-2	2002	7.09	
	2003	7.91	0.82
	2004	7.75	-0.16
MW3	2002	NA	--
	2003	NA	--
	2004	NA	--
MW-4	2002	NA	--
	2003	NA	--
	2004	NA	--
MW-5	2002	NA	--
	2003	NA	--
	2004	7.86	NA
MW-6	2002	NA	--
	2003	NA	--
	2004	7.13	NA
MW-7	2002	NA	--
	2003	NA	--
	2004	4.23	NA
MW-8	2002	NA	--
	2003	NA	--
	2004	3.23	NA
MW-9	2002	NA	--
	2003	NA	--
	2004	3.04	NA
MW-10	2002	NA	--
	2003	NA	--
	2004	NA	--
MW-11	2002	NA	--
	2003	NA	--
	2004	5.05	NA

NA - not applicable at this time

-- Indicates no PSH observed in the well bore.

Table 5: Summary of Groundwater Analytical Results

Plains Pipeline, L.P.
Kimbrough Sweet - Ref #2000-10757
Summary of Groundwater Analytical Results

Monitor Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylenes (µg/L)	o-Xylene (µg/L)	Total Xylenes (µg/L)	Chloride (mg/L)	TDS[1] (mg/L)	Total TPH[2] (mg/L)
MW-1	24-Jan-02	<1	<1	<1	<1	<1	<2	31	6,130	
	1-Mar-02	<1	<1	<1	<1	<1	<2			
	4-Oct-02	<1	<1	<1	<1	<1	<2			
	11-Dec-02	<1	<1	<1	<1	<1	<2			
	20-Feb-03	<1	<1	<1	<1	<1	<2			
	11-Feb-04	<1	<1	<1	<2	<1	<3			
	16-Aug-04	<1	<1	<1	<2	<1	<3			
	15-Dec-04	Not sampled - perimeter well sampled semi-annually								
MW-2	24-Jan-02	Not sampled due to the presence of phase separated hydrocarbons								
	1-Mar-02	Not sampled due to the presence of phase separated hydrocarbons								
	4-Oct-02	Not sampled due to the presence of phase separated hydrocarbons								
	11-Dec-02	Not sampled due to the presence of phase separated hydrocarbons								
	20-Feb-03	Not sampled due to the presence of phase separated hydrocarbons								
	11-Feb-04	Not sampled due to the presence of phase separated hydrocarbons								
	16-Aug-04	Not sampled due to the presence of phase seperated hydrocarbons								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
MW-3	24-Jan-02	<1	<1	<1	<1	<1	<2	14.2	316	
	1-Mar-02	<1	<1	<1	<1	<1	<2			
	4-Oct-02	<1	<1	<1	<1	<1	<2			
	11-Dec-02	<1	<1	<1	<1	<1	<2			
	20-Feb-03	<1	<1	<1	<1	<1	<2			
	11-Feb-04	<1	<1	<1	<2	<1	<3			
	16-Aug-04	<1	<1	<1	<2	<1	<3			
	15-Dec-04	Not sampled - perimeter well sampled semi-annually								
MW-4	24-Jan-02	<1	<1	<1	<1	<1	<2			
	1-Mar-02	<1	<1	<1	<1	<1	<2			
	4-Oct-02	<1	<1	<1	<1	<1	<2			
	11-Dec-02	<1	<1	<1	<1	<1	<2			
	20-Feb-03	<1	<1	<1	<1	<1	<2			
	11-Feb-04	<1	<1	<1	<2	<1	<3			
	16-Aug-04	<1	1.25	<1	<2	<1	<3			
	15-Dec-04	Not sampled - perimeter well sampled semi-annually								
MW-5	16-Aug-04	Not sampled due to the presence of phase seperated hydrocarbons								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
MW-6	16-Aug-04	Well Not Installed								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
MW-7	16-Aug-04	Not sampled due to the presence of phase seperated hydrocarbons								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								

Plains Pipeline, L.P.

Kimbrough Sweet - Ref #2000-10757

Summary of Groundwater Analytical Results

Monitor Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylenes (µg/L)	o-Xylene (µg/L)	Total Xylenes (µg/L)	Chloride (mg/L)	TDS[1] (mg/L)	Total TPH[2] (mg/L)
MW-8	16-Aug-04	Not sampled due to the presence of phase seperated hydrocarbons								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
MW-9	16-Aug-04	Not sampled due to the presence of phase seperated hydrocarbons								
	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
MW-10	15-Dec-04	4.36	9.01	1.93	3.67	1.58	5.25			
MW-11	15-Dec-04	Not sampled due to the presence of phase seperated hydrocarbons								
NMOCD Remedial Thresholds		10	750	750			620	250	1,000	

Bolded values are in excess of the NMOCD Remediation Thresholds or Other Standards for Domestic Water Supply.

If cell is blank, then tha parameter was not analyzed

NS : Not Sampled

[1] *TDS: Total Dissolved Solids*

[2] *TPH: Total Petroleum Hydrocarbons (gasoline range organics (GRO) + diesel range organics (DRO) = TPH)*

Table 6: Recommendations for 2005

Plains Pipeline, L.P. Kimbrough Sweet - Ref #2000-10757 Recommendations for 2005						
Monitoring Well	Eight Quarters Below NMOCD Standards	2005 Sampling Schedule				Notes
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
MW1	Yes	X	--	X	--	Recommend Annual PAH analysis
MW2	No	--	--	--	--	Continue PSH recovery
MW3	Yes	X	--	X	--	Recommend Annual PAH analysis
MW4	Yes	X	--	X	--	Recommend Annual PAH analysis
MW5	No	--	--	--	--	Continue PSH recovery
MW6	No	--	--	--	--	Continue PSH recovery
MW7	No	--	--	--	--	Continue PSH recovery
MW8	No	--	--	--	--	Continue PSH recovery
MW9	No	--	--	--	--	Continue PSH recovery
MW10	No	X	X	X	X	Recommend Annual PAH analysis
MW11	No	--	--	--	--	Continue PSH recovery
Biocell	No	--	--	X	--	Sample quadrants from the surface to 15'bgs at 5-foot vertical intervals and analyze for TPH and BTEX

NMOCD - New Mexico Oil Conservation Division
PAH - Polynuclear Aromatic Hydrocarbons
PSH - Phase Separated Hydrocarbons

APPENDICES

Appendix I: Laboratory Analytical Reports - Groundwater

ANALYSYS INC.
N. Port Island Blvd. 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#: 162990 **Report Date:** 12/29/04
Project ID: 2000-10757 Kimbrough Sweet
Sample Name: MW-10
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/15/2004 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/28/04	8260b(5030/5035)	---	---	---	---	---
Benzene	4.36	µg/L	1	<1	12/28/04	8260b	---	2.6	102	103.8	105
Ethylbenzene	1.93	µg/L	1	<1	12/28/04	8260b	---	0	103.7	108.3	105.9
m,p-Xylenes	3.67	µg/L	2	<2	12/28/04	8260b	---	0	103.6	107.7	105.1
o-Xylene	1.58	µg/L	1	<1	12/28/04	8260b	---	0.6	108.3	102.1	110.4
Toluene	9.01	µg/L	1	<1	12/28/04	8260b	---	2.2	107.3	116.1	115.5

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,

Dale Wagner

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.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*

512-444-5896 FAX: 512-~~[illegible]~~ 385.7411

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 All American
Facility Name	Kimbrough Sweet
Project Reference	2000-10757
EPI Sampler Name	Cody Fisher

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Receivable
P.O. 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
162990 1	MW-10	G	3	X						X	X		15-Dec	12:00	X							
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Cody Fisher	Date 12-21-04 Time	Received By:	E-mail results to: iolness@hotmail.com and cjreynolds@paalp.com
Relinquished by:	Date 12/22/04 Time 10:20	Received By: (lab staff) Mhumphrey	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

12/22/2004 16:02 FAX 5053942601 EPI 002/002

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#: 158696 **Report Date:** 08/31/04
Project ID: 2000-10757
Sample Name: *LEKS081604MW-1*
Sample Matrix: water
Date Received: 08/20/2004 **Time:** 10:00
Date Sampled: 08/16/2004 **Time:** 15:08

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	08/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	08/26/04	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		08/23/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/23/04	8260b	---	3.9	97.1	96.7	93.3
Ethylbenzene	<1	µg/L	1	<1	08/23/04	8260b	---	2	103.4	99	98.6
m,p-Xylenes	<2	µg/L	2	<2	08/23/04	8260b	---	1.7	103.6	97	95.6
o-Xylene	<1	µg/L	1	<1	08/23/04	8260b	---	2.7	105.9	98.8	97.6
Toluene	<1	µg/L	1	<1	08/23/04	8260b	---	3.1	107.4	102.4	101.3
Acenaphthene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	28.6	47.6	106.2	42.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	30.8	50.4	116.4	47.3
Anthracene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	18.7	60.2	119.8	54.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	19.8	71.4	117.3	61.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	19.2	59.5	103.2	59
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	19.4	57.4	93.4	54.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	27	53	112.6	60.2
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	18.5	55.8	101.1	53.5
Chrysene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	20.7	71.2	114.2	60.6
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	25.1	53.7	116	61.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	10.1	52.1	104.4	47.6
Fluorene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	27.6	58.5	118.3	52.6
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	P	25.8	53.5	115	61.1

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,

Dale Wagner

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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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2000-10757
Sample Name: LEKS081604MW-1

Report#/Lab ID#: 158696
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	08/26/04	610 & 8270c	J,P	30	43.7	106	40.5
Phenanthrene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	J	17.5	54.9	118.5	50.3
Pyrene	<0.05	µg/L	0.05	<0.05	08/26/04	610 & 8270c	---	23.7	76.2	112.5	61.9

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757	**Report#/Lab ID#:** 158696
Attn: Iain Olness	**Sample Name:** LEKS081604MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	88.4	39-110	---
Nitrobenzene-d5	610 & 8270c	**134**	12-110	X
Terphenyl-d14	610 & 8270c	104	25-110	---
1,2-Dichloroethane-d4	8260b	99.4	74-124	---
Toluene-d8	8260b	105	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 158696 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2000-10757
Sample Name: LEKS081604MW-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
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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 Benzo[g,h,i]perylene	P 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 Chrysene	P 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.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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.
Naphthalene Naphthalene	P 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.
Naphthalene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Nitrobenzene-d5 Nitrobenzene-d5	X X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.

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#: 158697 **Report Date:** 08/31/04
Project ID: 2000-10757
Sample Name: LEKS081604MW-3
Sample Matrix: water
Date Received: 08/20/2004 **Time:** 10:00
Date Sampled: 08/16/2004 **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	---		---		08/24/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/04	8260b	---	3.9	97.1	96.7	93.3
Ethylbenzene	<1	µg/L	1	<1	08/24/04	8260b	---	2	103.4	99	98.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/04	8260b	---	1.7	103.6	97	95.6
o-Xylene	<1	µg/L	1	<1	08/24/04	8260b	---	2.7	105.9	98.8	97.6
Toluene	<1	µg/L	1	<1	08/24/04	8260b	---	3.1	107.4	102.4	101.3

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,

Dale Wagner

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.	**Project ID:** 2000-10757	**Report#/Lab ID#:** 158697
Attn: Iain Olness	**Sample Name:** LEKS081604MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	74-124	---
Toluene-d8	8260b	109	89-115	---

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#: 158698 **Report Date:** 08/31/04
Project ID: 2000-10757
Sample Name: LEKS081604MW-4
Sample Matrix: water
Date Received: 08/20/2004 **Time:** 10:00
Date Sampled: 08/16/2004 **Time:** 14:24

REPORT OF ANALYSIS

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	---	---	---	---	08/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	08/31/04	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		08/24/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/04	8260b	---	3.9	97.1	96.7	93.3
Ethylbenzene	<1	µg/L	1	<1	08/24/04	8260b	---	2	103.4	99	98.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/04	8260b	---	1.7	103.6	97	95.6
o-Xylene	<1	µg/L	1	<1	08/24/04	8260b	---	2.7	105.9	98.8	97.6
Toluene	**1.25**	µg/L	1	<1	08/24/04	8260b	---	3.1	107.4	102.4	101.3
Acenaphthene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	39.6	44	92.2	42.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	41.4	45.7	93.7	44.1
Anthracene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	34.5	46	92.2	44.4
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	31.6	54	97.2	46.9
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	28.1	46.1	99.9	47.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	26.3	47.4	101	46.5
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	37.3	39.5	97.7	46.2
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	28.6	45.4	100	48
Chrysene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	31.5	52.3	97.9	45.9
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	36.5	41	101.5	46.8
Fluoranthene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	27.6	49	93.6	45.5
Fluorene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	37.9	47.1	95	44.9
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	36.7	39.9	100.3	46.6

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,

Dale Wagner

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: 2000-10757
Sample Name: LEKS081604MW-4

Report#/Lab ID#: 158698
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	08/31/04	610 & 8270c	J,P	43.1	44.4	93	45
Phenanthrene	**0.067**	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	33.1	50.3	101	47.2
Pyrene	<0.05	µg/L	0.05	<0.05	08/31/04	610 & 8270c	P	32	52.1	96.9	45.5

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757	**Report#/Lab ID#:** 158698
Attn: Iain Olness	**Sample Name:** LEKS081604MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	42.6	39-110	---
Nitrobenzene-d5	610 & 8270c	49	12-110	---
Terphenyl-d14	610 & 8270c	64.7	25-110	---
1,2-Dichloroethane-d4	8260b	101	74-124	---
Toluene-d8	8260b	102	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 158698 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2000-10757
Sample Name: LEKS081604MW-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
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Anthracene Anthracene	P 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]anthracene Benzo[a]anthracene	P 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 Benzo[a]pyrene	P 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 Benzo[b]fluoranthene	P 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 Benzo[g,h,i]perylene	P 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 Benzo[j,k]fluoranthene	P 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 Chrysene	P 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.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Fluoranthene	P 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.
Fluorene Fluorene	P 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 Indeno[1,2,3-cd]pyrene	P 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.
Naphthalene Naphthalene	P 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.
Naphthalene	J	See J-flag discussion above.

Exceptions Report:

Report #/Lab ID#: 158698 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2000-10757
Sample Name: LEKS081604MW-4

Phenanthrene Phenanthrene	P 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 Pyrene	P 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.

Notes:

10332

AnalySys Inc.

Chain of Custody Form

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

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 All American
Facility Name	Kimbrough Sweet
Project Reference	2000-10757
EPI Sampler Name	Manuel Gonzales

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: Camille Reynolds
5805 East Highway 80
Midland, TX 79706

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				
158696	1	LEKS081604MW-1	G	4	X						X	X		16-Aug	15:08	X							X				
158697	2	LEKS081604MW-3	G	4	X						X	X		16-Aug	15:30	X							X	Broke in transit			
158698	3	LEKS081604MW-4	G	4	X						X	X		16-Aug	14:24	X							X				
	4																									
	5																									
	6																									
	7																									
	8																									
	9																									
	10																									

Sampler Relinquished: Date 8/19/04 Time 16:50 — Received By:

Relinquished by: Date 8/20/04 Time 1000 — Received By: (lab staff)

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

E-mail results to: iolness@hotmail.com and enviplus1@aol.com

REMARKS:

T:5.7°C

Sample Analysis Case Narrative

Client: Environmental Plus, Inc. **Project ID:** 2000-10757

Attn: Iain Olness

for Sample #'s: 158696 **thru** 158698

Analyzed by AnalySys, Inc.

Final Review Date: 9/1/2004 **By:** _____ (D. Wagner)

Case Narrative:

The precisions of several Semi Volatile organic compounds for the analytical batch that contained sample # 158696 were higher than normal laboratory acceptance criteria. However, in each case, the Matrix Spikes (MS & MSD), and the Laboratory Control Sample (LCS) run with this batch were within analyte recovery limits indicating that the analytical process was working appropriately and in control. This deviation in the precision between the MS and MSD when viewed in conjunction with the acceptable analyte recovery seen for the MS, MSD, and LCS should have minimal impact on data usability.

The recovery of the Semi Volatile organic surrogate Nitrobenzene-d5 in sample # 158696 was above normal laboratory acceptance criteria (134% recovery versus a normal high limit of 110% recovery). However, no Semi Volatile organic compounds were detected in sample # 158696 indicating that this potential "high" bias had no impact on data usability.

The precisions of several Semi Volatile organic compounds for the analytical batch that contained sample # 158698 were higher than normal laboratory acceptance criteria. However, in each case, the Matrix Spikes (MS & MSD), and the Laboratory Control Sample (LCS) run with this batch were within analyte recovery limits indicating that the analytical process was working appropriately and in control. This deviation in the precision between the MS and MSD when viewed in conjunction with the acceptable analyte recovery seen for the MS, MSD, and LCS should have minimal impact on data usability.

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 153084 **Report Date:** 02/25/04
Project ID: 2000-10757
Sample Name: WLEKS21104NWMW
Sample Matrix: water
Date Received: 02/20/2004 **Time:** 09:30
Date Sampled: 02/11/2004 **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	---		---		02/24/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/24/04	8260b	---	2	102	103.9	103
Ethylbenzene	<1	µg/L	1	<1	02/24/04	8260b	---	4.6	103.5	110.5	104.5
m,p-Xylenes	<2	µg/L	2	<2	02/24/04	8260b	---	4.1	105.7	111.7	105.8
o-Xylene	<1	µg/L	1	<1	02/24/04	8260b	---	4.1	104.7	110.6	106.1
Toluene	<1	µg/L	1	<1	02/24/04	8260b	---	0.2	106.5	109.9	110.5

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

Respectfully Submitted,

Richard 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). 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:** 2000-10757	**Report#/Lab ID#:** 153084
Attn: Pat McCasland	**Sample Name:** WLEKS21104NWMW	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	74-124	---
Toluene-d8	8260b	108	89-115	---

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

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 153085 **Report Date:** 02/25/04
Project ID: 2000-10757
Sample Name: WLEKS21104SWM
Sample Matrix: water
Date Received: 02/20/2004 **Time:** 09:30
Date Sampled: 02/11/2004 **Time:** 14:00

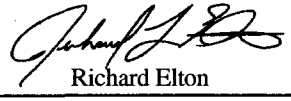
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/24/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/24/04	8260b	---	2	102	103.9	103
Ethylbenzene	<1	µg/L	1	<1	02/24/04	8260b	---	4.6	103.5	110.5	104.5
m,p-Xylenes	<2	µg/L	2	<2	02/24/04	8260b	---	4.1	105.7	111.7	105.8
o-Xylene	<1	µg/L	1	<1	02/24/04	8260b	---	4.1	104.7	110.6	106.1
Toluene	<1	µg/L	1	<1	02/24/04	8260b	---	0.2	106.5	109.9	110.5

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

Respectfully Submitted,



Richard Elton

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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:** 2000-10757	**Report#/Lab ID#:** 153085
Attn: Pat McCasland	**Sample Name:** WLEKS21104SWM	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	74-124	---
Toluene-d8	8260b	108	89-115	---

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

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 153086 **Report Date:** 02/25/04
Project ID: 2000-10757
Sample Name: WLEKS21104EMW
Sample Matrix: water
Date Received: 02/20/2004 **Time:** 09:30
Date Sampled: 02/11/2004 **Time:** 15:00

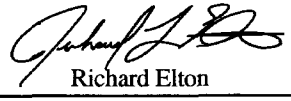
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/24/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/24/04	8260b	---	2	102	103.9	103
Ethylbenzene	<1	µg/L	1	<1	02/24/04	8260b	---	4.6	103.5	110.5	104.5
m,p-Xylenes	<2	µg/L	2	<2	02/24/04	8260b	---	4.1	105.7	111.7	105.8
o-Xylene	<1	µg/L	1	<1	02/24/04	8260b	---	4.1	104.7	110.6	106.1
Toluene	<1	µg/L	1	<1	02/24/04	8260b	---	0.2	106.5	109.9	110.5

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

Respectfully Submitted,



Richard 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). 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:** 2000-10757	**Report#/Lab ID#:** 153086
Attn: Pat McCasland	**Sample Name:** WLEKS21104EMW	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	108	89-115	---

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

[redacted]-O[redacted]CU[redacted]O[redacted]

![AnalySys logo]

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

Send Report To:		Bill to (if different):	
Company Name	Environmental Plus	Company Name	Link Energy
Address	2100 Ave O	Address	5805 Hwy 80
City / State / Zip	Eunice / N.M / 88231	City / State / Zip	Midland / Tx / 79701
ATTN:	Pat McCasland	ATTN:	Frank Hernandez
Phone / Fax	505-394-3481 / 505-394-2601	Phone / Fax	505-631-3095 / 505-396-2954

Rush Status (must be confirmed with lab mgr.): ______

Project Name/PO#: Env-10757 Sampler: Bradley Bl...

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021								Comments
WLEKS21104NWMW	2-11-04	1:00	2		X		153084	X								
WLEKS21104SMW	2-11-04	2:00	2		X		153085	X								
WLEKS21104EMW	2-11-04	3:00	2		X		153086	X								

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

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
Bradley Bl...	Environmental Plus			Melanie Humphrey	ASI	2/20/04	0930

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

Appendix II: Laboratory Analytical Reports - Soil

AnalySys, Inc.
[redacted] Metropolis Drive, [redacted], TX [redacted]
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#: 162694 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-11 (20')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/07/2004 **Time:** 07:38

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	12/16/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/16/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/15/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	<40	µg/Kg	40	<40	12/15/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	<20	µg/Kg	20	<20	12/15/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162694
Attn: Iain Olness	**Sample Name:** MW-11 (20')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	85.3	30-125	---
p-Terphenyl	8015 mod.	104	30-160	---
1,2-Dichloroethane-d4	8260b	86.2	56-120	---
Toluene-d8	8260b	98	71-116	---

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

AnalySys, Inc.
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#: 162695 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-11 (35')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/07/2004 **Time:** 08:14

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	12/16/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/16/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/15/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	<40	µg/Kg	40	<40	12/15/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	<20	µg/Kg	20	<20	12/15/04	8260b	---	1.9	97.1	106.8	99.4

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Dale Wagner

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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.	**Project ID:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162695
Attn: Iain Olness	**Sample Name:** MW-11 (35')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	83.1	30-125	---
p-Terphenyl	8015 mod.	96.3	30-160	---
1,2-Dichloroethane-d4	8260b	83	56-120	---
Toluene-d8	8260b	94.9	71-116	---

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

AnalySys, Inc.
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#: 162696 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-11 (50')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/07/2004 **Time:** 08:41

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**6630**	mg/Kg	25	<25	12/16/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**2850**	mg/Kg	50	<50	12/16/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/16/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**9710**	µg/Kg	500	<500	12/16/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	**29100**	µg/Kg	500	<500	12/16/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	**58900**	µg/Kg	1000	<1000	12/16/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	**25400**	µg/Kg	500	<500	12/16/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	**63900**	µg/Kg	500	<500	12/16/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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.

QUALITY SYS 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:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162696
Attn: Iain Olness	**Sample Name:** MW-11 (50')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	277	30-125	X
p-Terphenyl	8015 mod.	142	30-160	---
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 25X	D
Toluene-d8	8260b	none/diluted	diluted @ 25X	D

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

Report #/Lab ID#: 162696 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-11 (50')

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
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
1,2-Dichloroethane-d4	D	levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of
1-Chlorooctane	X	hydrocarbons from the sample at the same retention time as the surrogate
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Toluene-d8	D	levels). Surrogate recoveries not accurately quantifiable.

Notes:

AnalySys 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
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 162697 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-10 (30')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/07/2004 **Time:** 15:02

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	12/17/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/17/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/15/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	<40	µg/Kg	40	<40	12/15/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	<20	µg/Kg	20	<20	12/15/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162697
Attn: Iain Olness	**Sample Name:** MW-10 (30')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	86.2	30-125	---
p-Terphenyl	8015 mod.	89.3	30-160	---
1,2-Dichloroethane-d4	8260b	75.4	56-120	---
Toluene-d8	8260b	91.3	71-116	---

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

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#: 162698 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-10 (45')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/07/2004 **Time:** 15:26

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	12/17/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/17/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/15/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	<40	µg/Kg	40	<40	12/15/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	<20	µg/Kg	20	<20	12/15/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	<20	µg/Kg	20	<20	12/15/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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INC.
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Client: Environmental Plus, Inc.	**Project ID:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162698
Attn: Iain Olness	**Sample Name:** MW-10 (45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	69.3	30-125	---
p-Terphenyl	8015 mod.	67.2	30-160	---
1,2-Dichloroethane-d4	8260b	77.3	56-120	---
Toluene-d8	8260b	93	71-116	---

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

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#: 162699 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-6 (5')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/08/2004 **Time:** 07:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	17	mg/Kg	2.5	<2.5	12/17/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/17/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/16/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**40.8**	µg/Kg	20	<20	12/16/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	<20	µg/Kg	20	<20	12/16/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	<40	µg/Kg	40	<40	12/16/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	<20	µg/Kg	20	<20	12/16/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	**26.9**	µg/Kg	20	<20	12/16/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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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:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162699
Attn: Iain Olness	**Sample Name:** MW-6 (5')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	70.8	30-125	---
p-Terphenyl	8015 mod.	87.5	30-160	---
1,2-Dichloroethane-d4	8260b	85.6	56-120	---
Toluene-d8	8260b	89.2	71-116	---

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

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

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

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

Report#/Lab ID#: 162700 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-6 (25')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/08/2004 **Time:** 08:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2040**	mg/Kg	12.5	<12.5	12/17/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**1300**	mg/Kg	25	<25	12/17/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/16/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**7840**	µg/Kg	500	<500	12/16/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	**19100**	µg/Kg	500	<500	12/16/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	**40700**	µg/Kg	1000	<1000	12/16/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	**17200**	µg/Kg	500	<500	12/16/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	**47800**	µg/Kg	500	<500	12/16/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162700
Attn: Iain Olness	**Sample Name:** MW-6 (25')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	102	30-125	---
p-Terphenyl	8015 mod.	88.2	30-160	---
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 25X	D
Toluene-d8	8260b	none/diluted	diluted @ 25X	D

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

Report #/Lab ID#: 162700 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-6 (25')

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

A J flag data qualifier indicates (as required under 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
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

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#: 162701 **Report Date:** 12/17/04
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-6 (45')
Sample Matrix: soil
Date Received: 12/14/2004 **Time:** 10:05
Date Sampled: 12/08/2004 **Time:** 08:47

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**3250**	mg/Kg	12.5	<12.5	12/17/04	8015 mod.	---	10.5	106.8	102.6	117.7
TPH by GC (as diesel-ext)	---	---	---	---	12/15/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**1870**	mg/Kg	25	<25	12/17/04	8015 mod.	---	10.2	86.4	104.5	91.3
Volatile organics-8260b/BTEX	---		---		12/16/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**8070**	µg/Kg	500	<500	12/16/04	8260b	---	0.3	113.9	116.6	107.3
Ethylbenzene	**20200**	µg/Kg	500	<500	12/16/04	8260b	---	7.4	105	104.4	99.8
m,p-Xylenes	**38400**	µg/Kg	1000	<1000	12/16/04	8260b	---	6.5	100.4	101.1	95.9
o-Xylene	**16400**	µg/Kg	500	<500	12/16/04	8260b	---	7.9	106.2	106.7	100.7
Toluene	**46600**	µg/Kg	500	<500	12/16/04	8260b	---	1.9	97.1	106.8	99.4

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,

Dale Wagner

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:** 2002-10757 Kimbrough Sweet	**Report#/Lab ID#:** 162701
Attn: Iain Olness	**Sample Name:** MW-6 (45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	137	30-125	X
p-Terphenyl	8015 mod.	99.4	30-160	---
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 25X	D
Toluene-d8	8260b	none/diluted	diluted @ 25X	D

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

Report #/Lab ID#: 162701 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757 Kimbrough Sweet
Sample Name: MW-6 (45')

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
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
1,2-Dichloroethane-d4	D	levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of
1-Chlorooctane	X	hydrocarbons from the sample at the same retention time as the surrogate
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Toluene-d8	D	levels). Surrogate recoveries not accurately quantifiable.

Notes:

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

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 All American
Facility Name	Kimbrough Sweet
Project Reference	2002-10757
EPI Sampler Name	John Robinson

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Receivable
P.O. 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				
1	162694	MW-11 (20'	G	1			X					X		7-Dec	7:38	X	X										
2	162695	MW-11 (35')	G	1			X					X		7-Dec	8:14	X	X										
3	162696	MW-11 (50')	G	1			X					X		7-Dec	8:41	X	X										
4	162697	MW-10 (30')	G	1			X					X		7-Dec	15:02	X	X										
5	162698	MW-10 (45')	G	1			X					X		7-Dec	15:26	X	X										
6	162699	MW-6 (5')	G	1			X					X		8-Dec	7:40	X	X										
7	162700	MW-6 (25')	G	1			X					X		8-Dec	8:12	X	X										
8	162701	MW-6 (45')	G	1			X					X		8-Dec	8:47	X	X										
9																											
10																											

Sampler Relinquished: John Robinson	Date 12/17/04 Time 1650	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com
Relinquished by:	Date 12/14/04 Time 1005	Received By: (lab staff) L Flynn (ASI	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

T: 4.4°C

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#: 158084 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: MW-5(15')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/28/2004 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**5890**	mg/Kg	25	<25	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	—	—	—	—	08/04/04	3570m	—	—	—	—	—
TPH by GC (as gasoline)	**172**	mg/Kg	5	<5	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	—		—		08/04/04	8260b(5030/5035)	—	—	—	—	—
Benzene	**41.6**	µg/Kg	20	<20	08/04/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	**161**	µg/Kg	20	<20	08/04/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	**1040**	µg/Kg	40	<40	08/04/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	**308**	µg/Kg	20	<20	08/04/04	8260b	—	5.5	115.5	118.4	115
Toluene	**130**	µg/Kg	20	<20	08/04/04	8260b	—	4.7	110.9	118.5	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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10757	**Report#/Lab ID#:** 158084
Attn: Iain Olness	**Sample Name:** MW-5(15')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	166	36-140	X
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	85.4	56-120	---
Toluene-d8	8260b	97.9	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 158084 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: MW-5(15')

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GEAA 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
1-Chlorooctane 1-Chlorooctane	X X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of hydrocarbons from the sample at the same retention time as the surrogate
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

ANALYSYS INC.
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(512) 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#: 158085 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: MW-5(45')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/28/2004 **Time:** 10:57

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**7740**	mg/Kg	25	<25	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/04/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**7720**	mg/Kg	50	<50	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/05/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**120000**	µg/Kg	5000	<5000	08/05/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	**131000**	µg/Kg	5000	<5000	08/05/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	**217000**	µg/Kg	10000	<10000	08/05/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	**79200**	µg/Kg	5000	<5000	08/05/04	8260b	—	5.5	115.5	118.4	115
Toluene	**408000**	µg/Kg	5000	<5000	08/05/04	8260b	—	4.7	110.9	118.5	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

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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:** 2002-10757	**Report#/Lab ID#:** 158085
Attn: Iain Olness	**Sample Name:** MW-5(45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 250X	D
Toluene-d8	8260b	none/diluted	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 158085 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: MW-5(45')

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
1,2-Dichloroethane-d4 1,2-Dichloroethane-d4	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8 Toluene-d8	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

ANALYSYS INC.

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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#: 158086 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: MW-7(15')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/28/2004 **Time:** 14:28

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	623	mg/Kg	2.5	<2.5	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	—	—	—	—	08/04/04	3570m	—	—	—	—	—
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/06/04	8015 mod.	J	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/04/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/04/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	<20	µg/Kg	20	<20	08/04/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	<40	µg/Kg	40	<40	08/04/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	<20	µg/Kg	20	<20	08/04/04	8260b	—	5.5	115.5	118.4	115
Toluene	<20	µg/Kg	20	<20	08/04/04	8260b	---	4.7	110.9	118.5	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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10757	**Report#/Lab ID#:** 158086
Attn: Iain Olness	**Sample Name:** MW-7(15')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	72	36-140	---
p-Terphenyl	8015 mod.	83.7	40-121	---
1,2-Dichloroethane-d4	8260b	90	56-120	---
Toluene-d8	8260b	110	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 158086 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: MW-7(15')

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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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
TPH by GC (as gasoline)	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#: 158087 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: MW-7(45')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/28/2004 **Time:** 14:57

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	**2620**	mg/Kg	25	<25	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	—	—	—	—	08/04/04	3570m	—	—	—	—	—
TPH by GC (as gasoline)	**1370**	mg/Kg	50	<50	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/05/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**7200**	µg/Kg	500	<500	08/05/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	**26500**	µg/Kg	500	<500	08/05/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	**48400**	µg/Kg	1000	<1000	08/05/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	**17900**	µg/Kg	500	<500	08/05/04	8260b	—	5.5	115.5	118.4	115
Toluene	**62200**	µg/Kg	500	<500	08/05/04	8260b	—	4.7	110.9	118.5	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:** 2002-10757	**Report#/Lab ID#:** 158087
Attn: Iain Olness	**Sample Name:** MW-7(45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 25X	D
Toluene-d8	8260b	none/diluted	diluted @ 25X	D

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

Exceptions Report:

Report #/Lab ID#: 158087 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: MW-7(45')

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GEAA 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
1,2-Dichloroethane-d4 1,2-Dichloroethane-d4	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8 Toluene-d8	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(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#: 158088 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: 2002-10757MW-8(15')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/30/2004 **Time:** 13:04

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**183**	mg/Kg	2.5	<2.5	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	—	—	—	—	08/04/04	3570m	—	—	—	—	—
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	—		—		08/04/04	8260b(5030/5035)	—	—	—	—	—
Benzene	<20	µg/Kg	20	<20	08/04/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	<20	µg/Kg	20	<20	08/04/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	<40	µg/Kg	40	<40	08/04/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	<20	µg/Kg	20	<20	08/04/04	8260b	—	5.5	115.5	118.4	115
Toluene	<20	µg/Kg	20	<20	08/04/04	8260b	—	4.7	110.9	118.5	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

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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:** 2002-10757	**Report#/Lab ID#:** 158088
Attn: Iain Olness	**Sample Name:** 2002-10757MW-8(15')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	83.4	36-140	---
p-Terphenyl	8015 mod.	68.8	40-121	---
1,2-Dichloroethane-d4	8260b	94.3	56-120	---
Toluene-d8	8260b	103	71-116	---

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

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#: 158089 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: 2002-10757MW-8(45')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/30/2004 **Time:** 13:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**5070**	mg/Kg	25	<25	08/06/04	8015 mod.	---	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/04/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**3360**	mg/Kg	50	<50	08/06/04	8015 mod.	---	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/05/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**71600**	µg/Kg	5000	<5000	08/05/04	8260b	---	3.1	90.2	107.7	96.2
Ethylbenzene	**115000**	µg/Kg	5000	<5000	08/05/04	8260b	---	5.9	107.5	112.6	106.6
m,p-Xylenes	**177000**	µg/Kg	10000	<10000	08/05/04	8260b	---	6	109.6	112.7	109.8
o-Xylene	**65600**	µg/Kg	5000	<5000	08/05/04	8260b	---	5.5	115.5	118.4	115
Toluene	**318000**	µg/Kg	5000	<5000	08/05/04	8260b	---	4.7	110.9	118.5	109

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10757	**Report#/Lab ID#:** 158089
Attn: Iain Olness	**Sample Name:** 2002-10757MW-8(45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 250X	D
Toluene-d8	8260b	none/diluted	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 158089 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: 2002-10757MW-8(45')

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GEAA 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
1,2-Dichloroethane-d4 1,2-Dichloroethane-d4	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8 Toluene-d8	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

AnalySys inc.

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(512) 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#: 158090 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: 2002-10757MW-9(15')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/30/2004 **Time:** 08:59

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	—	—	—	—	08/04/04	3570m	—	—	—	—	—
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/04/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/04/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	<20	µg/Kg	20	<20	08/04/04	8260b	---	5.9	107.5	112.6	106.6
m,p-Xylenes	<40	µg/Kg	40	<40	08/04/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	<20	µg/Kg	20	<20	08/04/04	8260b	—	5.5	115.5	118.4	115
Toluene	<20	µg/Kg	20	<20	08/04/04	8260b	---	4.7	110.9	118.5	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.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2002-10757
Sample Name: 2002-10757MW-9(15')

Report#/Lab ID#: 158090
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	73.3	36-140	---
p-Terphenyl	8015 mod.	88.5	40-121	---
1,2-Dichloroethane-d4	8260b	93.6	56-120	---
Toluene-d8	8260b	111	71-116	---

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#: 158091 **Report Date:** 08/06/04
Project ID: 2002-10757
Sample Name: 2002-10757MW-9(45')
Sample Matrix: soil
Date Received: 08/03/2004 **Time:** 10:45
Date Sampled: 07/30/2004 **Time:** 09:32

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**4140**	mg/Kg	25	<25	08/06/04	8015 mod.	—	3.2	92.4	117.1	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/04/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**2800**	mg/Kg	50	<50	08/06/04	8015 mod.	—	11.3	85	114.6	94.2
Volatile organics-8260b/BTEX	---		---		08/05/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**45400**	µg/Kg	5000	<5000	08/05/04	8260b	—	3.1	90.2	107.7	96.2
Ethylbenzene	**57700**	µg/Kg	5000	<5000	08/05/04	8260b	—	5.9	107.5	112.6	106.6
m,p-Xylenes	**104000**	µg/Kg	10000	<10000	08/05/04	8260b	—	6	109.6	112.7	109.8
o-Xylene	**36200**	µg/Kg	5000	<5000	08/05/04	8260b	—	5.5	115.5	118.4	115
Toluene	**171000**	µg/Kg	5000	<5000	08/05/04	8260b	—	4.7	110.9	118.5	109

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10757	***Report#/Lab ID#:*** *158091*
Attn: Iain Olness	**Sample Name:** 2002-10757MW-9(45')	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	**none/diluted**	diluted @ 5X	D
p-Terphenyl	8015 mod.	**none/diluted**	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	**none/diluted**	diluted @ 250X	D
Toluene-d8	8260b	**none/diluted**	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 158091 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10757
Sample Name: 2002-10757MW-9(45')

Sample Temperature/Condition: <=6°C

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- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4 1,2-Dichloroethane-d4	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8 Toluene-d8	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

1041

AnalySys Inc.

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

Chain of Custody Form

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 All American
Facility Name	Kimbrough Sweet
Project Reference	2002-10757
EPI Sampler Name	Manuel Gonzales

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.
Attn: Jimmy Bryant
PO Box 1660,
Midland, TX 79701

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
158084	1	MW-5 (15')	G	1			X					X		28-Jul	10:20	X	X						
158085	2	MW-5 (45')	G	1			X					X		28-Jul	10:57	X	X						
158086	3	MW-7 (15')	G	1			X					X		28-Jul	14:28	X	X						
158087	4	MW-7 (45')	G	1			X					X		28-Jul	14:57	X	X						
158088	5	2002-10757MW-8 (15')	G	1			X					X		30-Jul	13:04	X	X						
158089	6	2002-10757MW-8 (45')	G	1			X					X		30-Jul	13:44	X	X						
158090	7	2002-10757MW-9 (15')	G	1			X					X		30-Jul	8:59	X	X						
158091	8	2002-10757MW-9 (45')	G	1			X					X		30-Jul	9:32	X	X						
	9																						
	10																						

Sampler Relinquished: Iain Olness	Date 8/2/04 Time 1630	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com
Relinquished by:	Date 8/3/04 Time 1045	Received By: (lab staff) [signature] /AS1	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	T:5.5°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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140988 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-2'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 07:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2590**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**324**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH1-2'	**Report#/Lab ID#:** 140988 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	50.1	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	90	65-115	---
Toluene-d8	8260b	89.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140988 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-2'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

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Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140989 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-5'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 07:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2160**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**724**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	**44.7**	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	J	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH1-5'	**Report#/Lab ID#:** 140989 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	132	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	102	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140989 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-5'

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

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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
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

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Eunice NM 88231

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

Report#/Lab ID#: 140990 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-10'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 07:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**1540**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**740**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	**112**	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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,

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140990
Attn: Pat McCasland	**Sample Name:** SEKS32703BH1-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	87.5	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	92.2	65-115	---
Toluene-d8	8260b	87.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140990 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-10'

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140991 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-15'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 08:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**3070**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**1130**	mg/Kg	50	<50	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	**139**	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.9	105.6	104.8
m,p-Xylenes	**3000**	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	**752**	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.4	106.6	103.8	103.6

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.

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH1-15'	**Report#/Lab ID#:** 140991 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	91.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140991 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH1-15'

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

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Eunice NM 88231

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

Report#/Lab ID#: 140992 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH2-2'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 08:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**864**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**40.3**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS, INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140992
Attn: Pat McCasland	**Sample Name:** SEKS32703BH2-2'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	72.7	50-150	---
p-Terphenyl	8015 mod.	**none/diluted**	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	89.2	65-115	---
Toluene-d8	8260b	88.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140992 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH2-2'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
p-Terphenyl	D	levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

ANALYSYS INC

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140993 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH2-5'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 08:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**1810**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**552**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	**50.5**	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140993
Attn: Pat McCasland	**Sample Name:** SEKS32703BH2-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	53.2	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	81.2	65-115	---
Toluene-d8	8260b	79.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140993 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH2-5'

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.
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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140994 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-2'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 09:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**1290**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**185**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

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Client: *Environmental Plus, Inc.*	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140994
Attn: Pat McCasland	**Sample Name:** SEKS32703BH3-2'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	70.1	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	96.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140994 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-2'

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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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140995 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-5'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**1210**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**457**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	J	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH3-5'	**Report#/Lab ID#:** 140995 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	143	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	94.9	65-115	---
Toluene-d8	8260b	92.2	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140995 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-5'

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

ANALYSYS INC

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140996 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-10'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**4080**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**1090**	mg/Kg	50	<50	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	**426**	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	**1010**	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140996
Attn: Pat McCasland	**Sample Name:** SEKS32703BH3-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	97	65-115	---
Toluene-d8	8260b	85	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140996 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-10'

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
Ethylbenzene	J	See J-flag discussion above.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

ANALYSYS INC

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140997 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-15'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2540**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**986**	mg/Kg	50	<50	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	**375**	µg/Kg	20	<20	04/04/03	8260b	---	8.1	101.8	102.6	105.1
o-Xylene	**917**	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140997
Attn: Pat McCasland	**Sample Name:** SEKS32703BH3-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	96	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140997 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH3-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
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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
Ethylbenzene	J	See J-flag discussion above.
1-Chlorooctane 1-Chlorooctane	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140998 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-2'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**6690**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**305**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/04/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/04/03	8260b	---	4.7	96.4	96.6	96.9
Ethylbenzene	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.9	105.6	104.8
m,p-Xylenes	<20	µg/Kg	20	<20	04/04/03	8260b	J	8.1	101.8	102.6	105.1
o-Xylene	<20	µg/Kg	20	<20	04/04/03	8260b	---	7.5	104.7	105.9	108.6
Toluene	<20	µg/Kg	20	<20	04/04/03	8260b	---	8.4	106.6	103.8	103.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 140998
Attn: Pat McCasland	**Sample Name:** SEKS32703BH4-2'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	59.2	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	96.5	65-115	---
Toluene-d8	8260b	97.8	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140998 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-2'

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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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

ANALYSYS INC

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 140999 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-5'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 11:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**742**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**397**	mg/Kg	5	<5	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.7	106.7	97.9
Ethylbenzene	<20	µg/Kg	20	<20	04/07/03	8260b	J	4.8	103	107.9	101.7
m,p-Xylenes	**61.6**	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.4	105	102.2
o-Xylene	**22.1**	µg/Kg	20	<20	04/07/03	8260b	---	5.3	105.8	108	106.3
Toluene	**28.8**	µg/Kg	20	<20	04/07/03	8260b	---	3.9	110.5	114.2	107.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH4-5'	**Report#/Lab ID#:** 140999 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	141	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	92	65-115	---
Toluene-d8	8260b	89.2	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140999 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-5'

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

Notes: _____

ANALYSYS INC

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 141000 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-10'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 12:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2680**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**1060**	mg/Kg	50	<50	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.7	106.7	97.9
Ethylbenzene	**21.8**	µg/Kg	20	<20	04/07/03	8260b	---	4.8	103	107.9	101.7
m,p-Xylenes	**1320**	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.4	105	102.2
o-Xylene	**808**	µg/Kg	20	<20	04/07/03	8260b	---	5.3	105.8	108	106.3
Toluene	**38.6**	µg/Kg	20	<20	04/07/03	8260b	---	3.9	110.5	114.2	107.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS32703BH4-10'	**Report#/Lab ID#:** 141000 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	96	65-115	---
Toluene-d8	8260b	90	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 141066 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2001-10843
Sample Name: SEDW4103BH4-10'

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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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

Exceptions Report:

Report #/Lab ID#: *141000* ***Matrix:*** *soil*
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-10'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 141001 **Report Date:** 04/15/03
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-15'
Sample Matrix: soil
Date Received: 04/02/2003 **Time:** 12:10
Date Sampled: 03/27/2003 **Time:** 13:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**3930**	mg/Kg	50	<50	04/11/03	8015 mod.	---	0.5	87.5	90.7	74.3
TPH by GC (as diesel-ext)	---	---	---	---	04/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	**1480**	mg/Kg	50	<50	04/10/03	8015 mod.	---	4.3	84.6	78.8	72.9
Volatile organics-8260b/BTEX	---		---		04/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.7	106.7	97.9
Ethylbenzene	**24.4**	µg/Kg	20	<20	04/07/03	8260b	---	4.8	103	107.9	101.7
m,p-Xylenes	**1590**	µg/Kg	20	<20	04/07/03	8260b	---	4.4	102.4	105	102.2
o-Xylene	**1140**	µg/Kg	20	<20	04/07/03	8260b	---	5.3	105.8	108	106.3
Toluene	**55**	µg/Kg	20	<20	04/07/03	8260b	---	3.9	110.5	114.2	107.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 141001
Attn: Pat McCasland	**Sample Name:** SEKS32703BH4-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	91.2	65-115	---
Toluene-d8	8260b	86.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 141001 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS32703BH4-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
1-Chlorooctane	D	levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
p-Terphenyl	D	levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

[redacted]

end Report To:
Company Name Environmental Plus
Address 2100 Ave O
City Eunice State N.M Zip 88231
ATTN: Pat McCasland
Phone 505-394-3481 Fax 505-394-2601

Bill to (if different):
Company Name EOTT Energy
Address 5805 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 2000-10757 Sampler: Bradley Blevins
KIMBRO SWEET

Analyses Requested (1)
Please attach explanatory information as requi

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015M	BTEX 8021b	Comments
SEKS32703BH1-2'	3-27	7:30	1	X			140988	X	X	
SEKS32703BH1-5'	3-27	7:40	1	X			140989	X	X	
SEKS32703BH1-10'	3-27	7:55	1	X			140990	X	X	
SEKS32703BH1-15'	3-27	8:10	1	X			140991	X	X	
SEKS32703BH2-2'	3-27	8:25	1	X			140992	X	X	
SEKS32703BH2-5'	3-27	8:35	1	X			140993	X	X	
SEKS32703BH2-10'	3-27	8:45	1	X				X	X	Cancel per P. McCas
SEKS32703BH2-15'	3-27	9:00	1	X				X	X	Cancel per P. McCasland
SEKS32703BH3-2'	3-27-03	9:10	1	X			140994	X	X	
SEKS32703BH3-5'	3-27-03	9:30	1	X			140995	X	X	

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

T = 5.6 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus	3-27-03		Melanie Humphrey	ASI	4/2/03	1210

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

nd Report to:
mpany Name Environmental Plus
ldress 2100 Ave O
ty Eunice State NM Zip 88231
TTN: Pat McCasland
one 505-394-3481 Fax 505-394-2601
ish Status (must be confirmed with lab mgr.):
oject Name/PO#: 2000-10757 Sampler: Bradley Blevins

Bill to (if differe):
Company Name Exxt Energy
Address 5805 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 7874
(512) 444-5896

Analyses Requested (1)
Please attach explanatory information as require

kimbro sweet

Client Sample No.	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015m	BTEX 8021b	Comments
EKS32703BH3-10	3-27	10:00	1	X			140996	X	X	
EKS32703BH3-15	3-27	10:20	1	X			140997	X	X	
EKS32703BH4-2	3-27	11:15	1	X			140998	X	X	
EKS32703BH4-5	3-27	11:35	1	X			140999	X	X	
EKS32703BH4-10	3-27	12:40	1	X			141000	X	X	
EKS32703BH4-15	3-27-03	1:25	1	X			141001	X	X	

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

T=5.6°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus			Melanie Humphrey	ASI	4/2/03	1210

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126263 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-2'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	5330	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	1330	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/04/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/04/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/04/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	56.5	µg/Kg	20	<20	03/04/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	428	µg/Kg	20	<20	03/04/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	32.4	µg/Kg	20	<20	03/04/02	8260b	---	6.7	93.5	103.3	107.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-2'

Report#/Lab ID#: 126263
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	89.5	65-115	---
Toluene-d8	8260b	92.5	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126263 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-2'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126264 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-5'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 08:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	4930	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	871	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/04/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/04/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	196	µg/Kg	20	<20	03/04/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	1430	µg/Kg	20	<20	03/04/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	1310	µg/Kg	20	<20	03/04/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	183	µg/Kg	20	<20	03/04/02	8260b	---	6.7	93.5	103.3	107.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH1-5'	**Report#/Lab ID#:** 126264 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	103	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126264 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-5'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

_____

_____

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126265 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-10'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 08:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	3970	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	896	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/04/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/04/02	8260b	J	1.3	90.5	98	94.4
Ethylbenzene	225	µg/Kg	20	<20	03/04/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	1750	µg/Kg	20	<20	03/04/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	1700	µg/Kg	20	<20	03/04/02	8260b	---	0.1	89.5	93.3	94
Toluene	152	µg/Kg	20	<20	03/04/02	8260b	---	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS Inc.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH1-10'	**Report#/Lab ID#:** 126265 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	108	65-115	---
Toluene-d8	8260b	101	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126265 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-10'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126266 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-15'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 08:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	6070	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	1110	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	118	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	834	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	665	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	95.9	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH1-15'	**Report#/Lab ID#:** 126266 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	94.4	65-115	---
Toluene-d8	8260b	100	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126266 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH1-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126267 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-2'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 09:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	101	mg/Kg	5	<5	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	14.9	mg/Kg	5	<5	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	J	0.7	96.1	98.8	98.2
o-Xylene	<20	µg/Kg	20	<20	03/01/02	8260b	J	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH2-2'	**Report#/Lab ID#:** 126267 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	133	50-150	---
p-Terphenyl	8015 mod.	78.4	50-150	---
1,2-Dichloroethane-d4	8260b	93.4	65-115	---
Toluene-d8	8260b	96.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126267 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-2'

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.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126268 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-5'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 09:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	1290	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	341	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-5'

Report#/Lab ID#: 126268
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	90.3	65-115	---
Toluene-d8	8260b	95.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126268 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-5'

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

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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126269 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-10'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 09:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	2180	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	367	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	J	0	92.7	94.4	95
m,p-Xylenes	414	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	841	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	65.5	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH2-10'	**Report#/Lab ID#:** 126269 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	87.2	65-115	---
Toluene-d8	8260b	95.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126269 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-10'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 126270 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH2-15'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	120	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	14.2	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH2-15'	**Report#/Lab ID#:** 126270 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	118	50-150	---
p-Terphenyl	8015 mod.	144	50-150	---
1,2-Dichloroethane-d4	8260b	90.4	65-115	---
Toluene-d8	8260b	91.1	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126271 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-2'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	160	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	21.6	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	<20	µg/Kg	20	<20	03/02/02	8260b	J	0.5	88.6	94.8	98.7
Toluene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	93.5	103.3	107.1

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH3-2'	**Report#/Lab ID#:** 126271 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	113	50-150	---
p-Terphenyl	8015 mod.	139	50-150	---
1,2-Dichloroethane-d4	8260b	90.5	65-115	---
Toluene-d8	8260b	97.3	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126271 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: *SEKS22502BH3-2'*

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126272 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-5'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	1210	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	221	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	J	0.7	96.1	98.8	98.2
o-Xylene	47.2	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-5'

Report#/Lab ID#: 126272
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	88.8	65-115	---
Toluene-d8	8260b	98	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126272 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-5'

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Eunice NM 88231

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

Report#/Lab ID#: 126273 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-10'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 10:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	1360	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	248	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	J	0.7	96.1	98.8	98.2
o-Xylene	358	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.7	98.8	107.4	102.8

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH3-10'	**Report#/Lab ID#:** 126273 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	102	65-115	---
Toluene-d8	8260b	97.8	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126273 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-10'

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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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:

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

Report#/Lab ID#: 126274 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-15'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	J	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.	**Project ID:** 2000-10757 Kimbro Sweet	**Report#/Lab ID#:** 126274
Attn: Pat McCasland	**Sample Name:** SEKS22502BH3-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	145	50-150	---
p-Terphenyl	8015 mod.	138	50-150	---
1,2-Dichloroethane-d4	8260b	99.4	65-115	---
Toluene-d8	8260b	95.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126274 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH3-15'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126275 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-2'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	228	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	54.5	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	<20	µg/Kg	20	<20	03/01/02	8260b	J	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	---	1.7	98.8	107.4	102.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH4-2'	**Report#/Lab ID#:** 126275 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	145	50-150	---
1,2-Dichloroethane-d4	8260b	90.7	65-115	---
Toluene-d8	8260b	99	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126275 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-2'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126276 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-5'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 11:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	834	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	324	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/04/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/04/02	8260b	J	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/04/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	<20	µg/Kg	20	<20	03/04/02	8260b	J	0.7	96.1	98.8	98.2
o-Xylene	26.1	µg/Kg	20	<20	03/04/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/04/02	8260b	---	1.7	98.8	107.4	102.8

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-5'

Report#/Lab ID#: 126276
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	72.3	50-150	---
p-Terphenyl	8015 mod.	135	50-150	---
1,2-Dichloroethane-d4	8260b	110	65-115	---
Toluene-d8	8260b	90.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126276 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-5'

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).

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126277 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-10'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	942	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	210	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/01/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.3	90.5	98	94.4
Ethylbenzene	<20	µg/Kg	20	<20	03/01/02	8260b	---	0	92.7	94.4	95
m,p-Xylenes	421	µg/Kg	20	<20	03/01/02	8260b	---	0.7	96.1	98.8	98.2
o-Xylene	1620	µg/Kg	20	<20	03/01/02	8260b	---	0.1	89.5	93.3	94
Toluene	<20	µg/Kg	20	<20	03/01/02	8260b	J	1.7	98.8	107.4	102.8

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH4-10'	**Report#/Lab ID#:** 126277 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	87.5	65-115	---
Toluene-d8	8260b	93.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126277 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: *SEKS22502BH4-10'*

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126278 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-15'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 11:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	<20	µg/Kg	20	<20	03/02/02	8260b	J	0.4	92.2	99.6	103.2
o-Xylene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	93.5	103.3	107.1

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

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Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH4-15'	**Report#/Lab ID#:** 126278 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	132	50-150	---
p-Terphenyl	8015 mod.	71.6	50-150	---
1,2-Dichloroethane-d4	8260b	97.8	65-115	---
Toluene-d8	8260b	98	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126278 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH4-15'

Sample Temperature/Condition <=6°C

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

Report#/Lab ID#: 126279 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-2'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 12:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	5800	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	730	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	J	0.2	93.6	97.8	100.7
m,p-Xylenes	192	µg/Kg	20	<20	03/02/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	854	µg/Kg	20	<20	03/02/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	<20	µg/Kg	20	<20	03/02/02	8260b	J	6.7	93.5	103.3	107.1

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH5-2'	**Report#/Lab ID#:** 126279 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	96.4	65-115	---
Toluene-d8	8260b	105	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126279 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-2'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126280 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-5'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 12:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	4970	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	974	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	194	µg/Kg	20	<20	03/02/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	2270	µg/Kg	20	<20	03/02/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	<20	µg/Kg	20	<20	03/02/02	8260b	J	6.7	93.5	103.3	107.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS inc.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH5-5'	**Report#/Lab ID#:** 126280 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	88.7	65-115	---
Toluene-d8	8260b	98.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126280 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-5'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126281 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-10'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 13:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	4740	mg/Kg	50	<50	03/05/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	1830	mg/Kg	50	<50	03/05/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	3580	µg/Kg	20	<20	03/02/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	6520	µg/Kg	100	<100	03/04/02	8260b	---	0.5	88.6	94.8	98.7
Toluene	93.4	µg/Kg	20	<20	03/02/02	8260b	---	6.7	93.5	103.3	107.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH5-10'	**Report#/Lab ID#:** 126281 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	92.7	65-115	---
Toluene-d8	8260b	87.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126281 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-10'

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

Notes: _____

_____

_____

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 126282 **Report Date:** 03/05/02
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-15'
Sample Matrix: soil
Date Received: 03/01/2002 **Time:** 10:02
Date Sampled: 02/25/2002 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	---	5.7	78.6	90.4	102.6
TPH by GC (as diesel-ext)	---	---	---	---	03/04/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/04/02	8015 mod.	---	3.9	90.7	86.9	83.6
Volatile organics-8260b/BTEX	---		---		03/02/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	86.5	93.2	97.9
Ethylbenzene	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.2	93.6	97.8	100.7
m,p-Xylenes	<20	µg/Kg	20	<20	03/02/02	8260b	---	0.4	92.2	99.6	103.2
o-Xylene	<20	µg/Kg	20	<20	03/02/02	8260b	J	0.5	88.6	94.8	98.7
Toluene	<20	µg/Kg	20	<20	03/02/02	8260b	---	6.7	93.5	103.3	107.1

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

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Richard Laster

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ANALYSYS INC.

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

Client: Environmental Plus, Inc. ***Attn:*** *Pat McCasland*	**Project ID:** 2000-10757 Kimbro Sweet **Sample Name:** SEKS22502BH5-15'	**Report#/Lab ID#:** 126282 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	130	50-150	---
p-Terphenyl	8015 mod.	112	50-150	---
1,2-Dichloroethane-d4	8260b	97.7	65-115	---
Toluene-d8	8260b	104	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 126282 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2000-10757 Kimbro Sweet
Sample Name: SEKS22502BH5-15'

Sample Temperature/Condition <=6°C

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Sample Bottles & Preservation

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- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AIN OF CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

l Reports To:
ipany Name Environmental Plus
ress 2100 Ave O
Eunice State N.M. Zip 88231
'N: Pat McCasland
ıe 505-394-3481 Fax 505.394-2601

Bill to (if different):
Company Name EOTT
Address 5805 E Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

ı Status (must be confirmed with lab mgr.): _____
ect Name/PO#: 2002-10757 Sampler: Bradley Billman
Kumbro Sweet

Analyses Requested (1)
Please attach explanatory information as requi

Client Sample No. escription/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	TPH 8015M							Comme
KS22502BH3-10'	2-25-02	10:45	1	X			126273	X	X							
KS22502BH3-15'	2-25-02	11:00	1	X			126274	X	X							
KS22502BH4-2'	2-25-02	11:15	1	X			126275	X	X							
KS22502BH4-5'	2-25-02	11:25	1	X			126276	X	X							
KS22502BH4-10'	2-25-02	11:40	1	X			126277	X	X							
KS22502BH4-15'	2-2502	11:50	1	X			126278	X	X							
KS22502BH5-2'	2-25-02	12:40	1	X			126279	X	X							
KS22502BH5-5'	2-25-02	12:55	1	X			126280	X	X							
KS22502BH5-10'	2-25-02	1:10	1	X			126281	X	X							
KS22502BH5-15'	2-25-02	1:30	1	X			126282	X	X							

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

Temp. 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Brad Billman	Environmental Plus	2-25-02		E. Lee	ASI	3-1-02	10:02

lering of above described samples to AnalySys, Inc. for ana tical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

1 Reports To:
ipany Name Environmental Plus
ress 2100 Ave O
Eunice State N.M Zip 88231
TN: Pat McCasland
ne 505-394-3481 Fax 505-394-2601

Bill to (if different):
Company Name EOTT
Address 5805 E Hwy 80 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

h Status (must be confirmed with lab mgr.): _____
ect Name/PO#: 2000-10757 Sampler: Bradley Blevins
Kimbro Sweet

Analyses Requested (1)
Please attach explanatory information as requi

Client Sample No. escription/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8020	TPH 418.1/M								Comm
EKS22502BH1-2'	2-25-02	8:00	1	X			126263	X	X								
KS22502BH1-5'	2-2502	8:10	1	X			126264	X	X								
KS22502BH1-10'	2-25-02	8:30	1	X			126265	X	X								
KS22502BH1-15'	2-25-02	8:45	1	X			126266	X	X								
EKS22502BH2-2'	2-25-02	9:10	1	X			126267	X	X								
EKS22502BH-2-5'	2-25-02	9:20	1	X			126268	X	X								
EKS22502BH2-10'	2-25-02	9:35	1	X			126269	X	X								
EKS22502BH2-15'	2-25-02	9:45	1	X			126270	X	X								
EKS22502BH3-2'	2-25-02	10:20	1	X			126271	X	X								
KS22502BH3-5'	2-25-02	10:30	1	X			126272	X	X								

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

Temp. 0.0°c

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	Environmental Plus	2-25-02		[illegible]	[illegible]	3-1-02	10.02

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

Appendix III: Monitoring Well Construction Diagrams

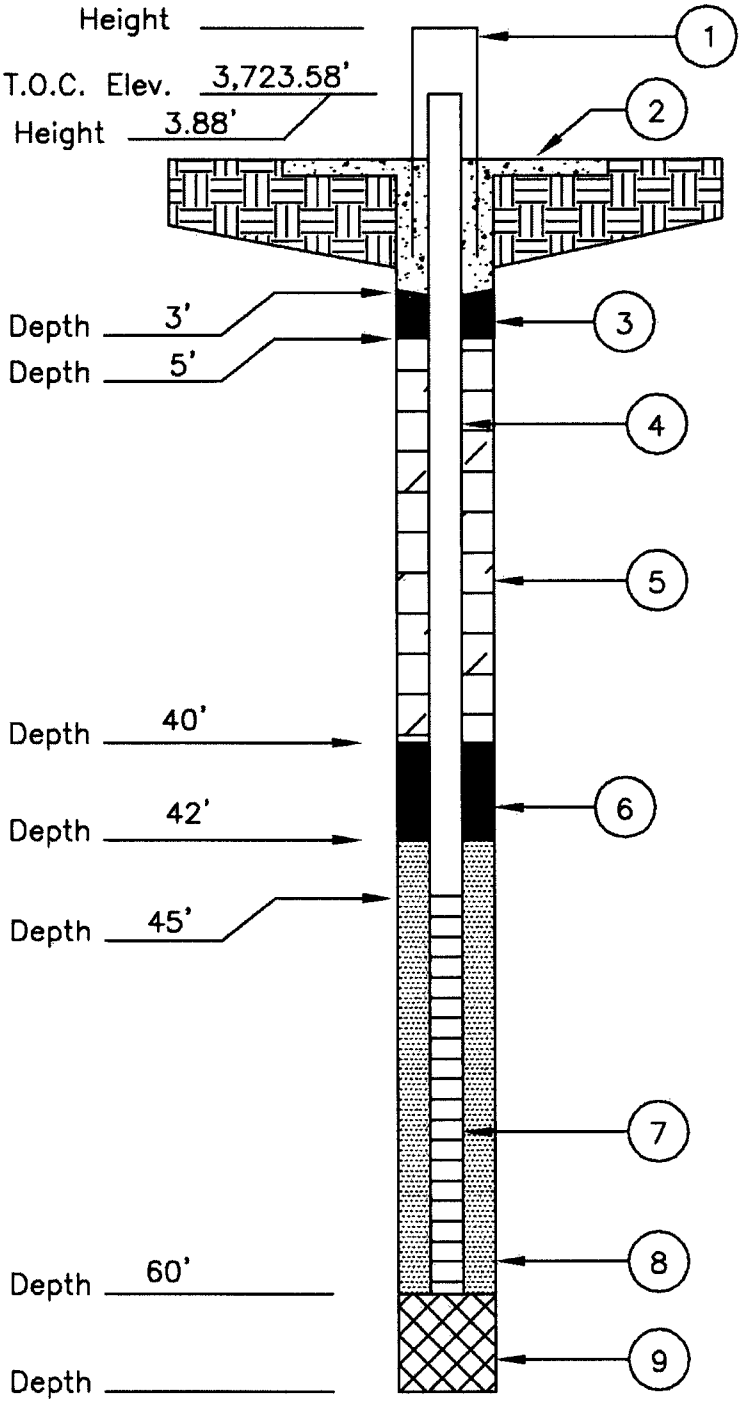
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 7-28-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-5



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 50 ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 15 ft.

Slot Size .010"
Length 15 ft.

Screen Diameter 4 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill NA

10) Drilling Method Air Rotary

11) Additives Used if any None

12) Borehole Diameter 8 1/2 in.

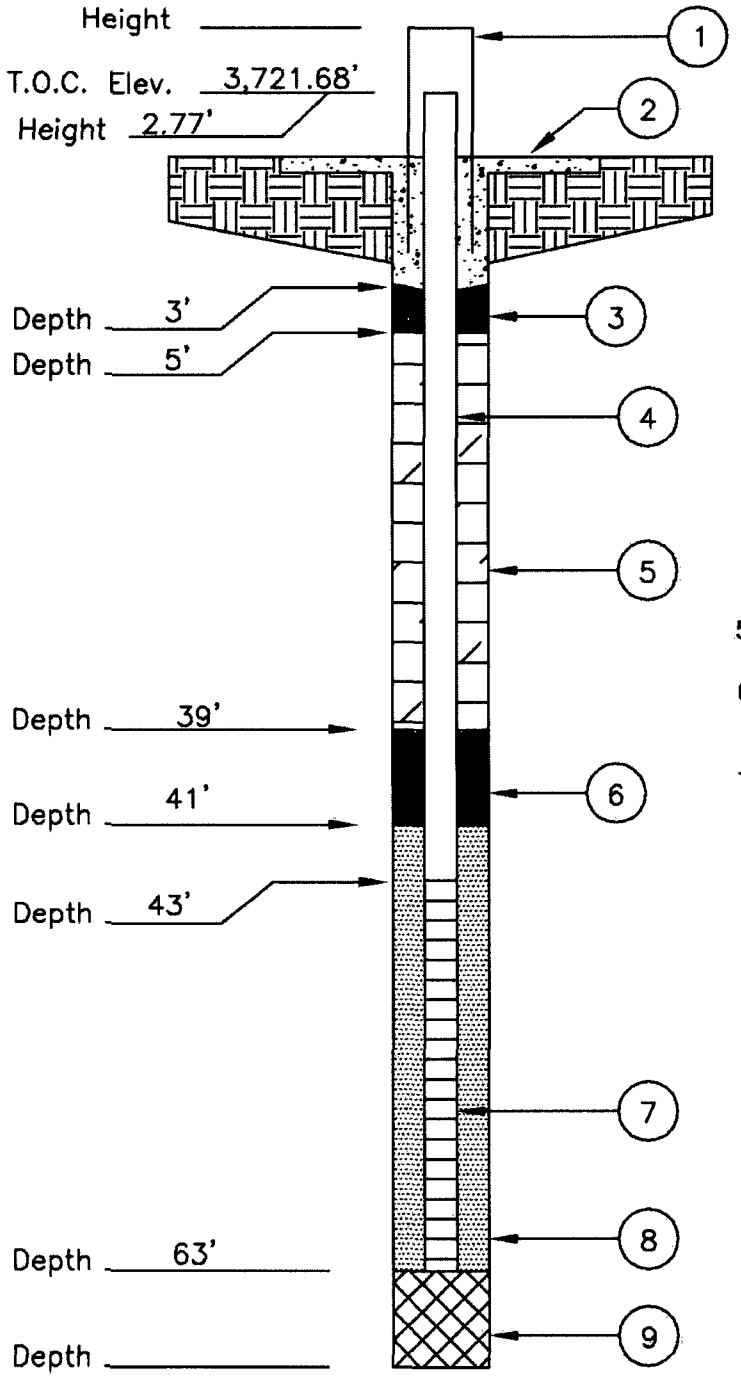
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 12-8-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-6



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 43 ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 20 ft.

Slot Size .020"
Length ft.

Screen Diameter 4 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill NA - Well Point

10) Drilling Method Hollow Stem Auger

11) Additives Used if any None

12) Borehole Diameter 10.25 in.

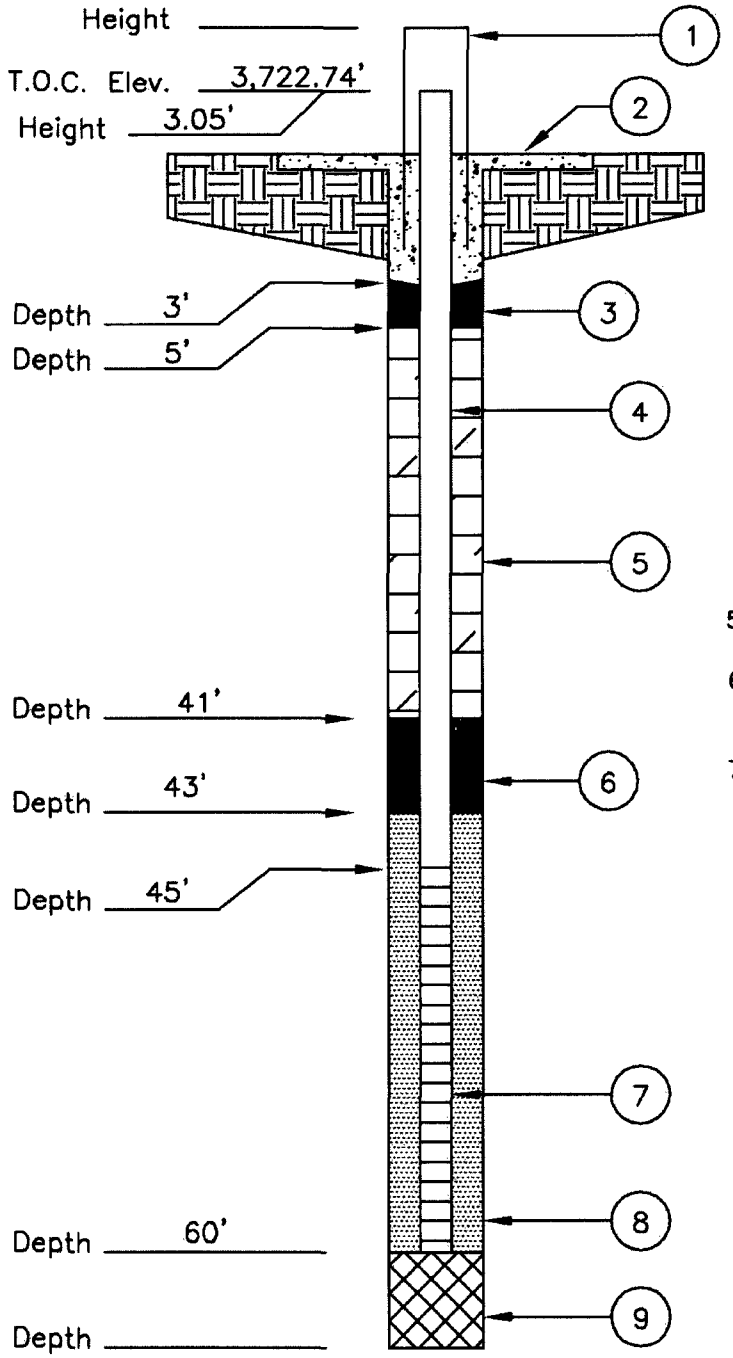
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 7-28-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-7



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 50 ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 15 ft.

Slot Size .010"
Length ft.

Screen Diameter 4 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill NA

10) Drilling Method Air Rotary

11) Additives Used if any None

12) Borehole Diameter 8.5 in.

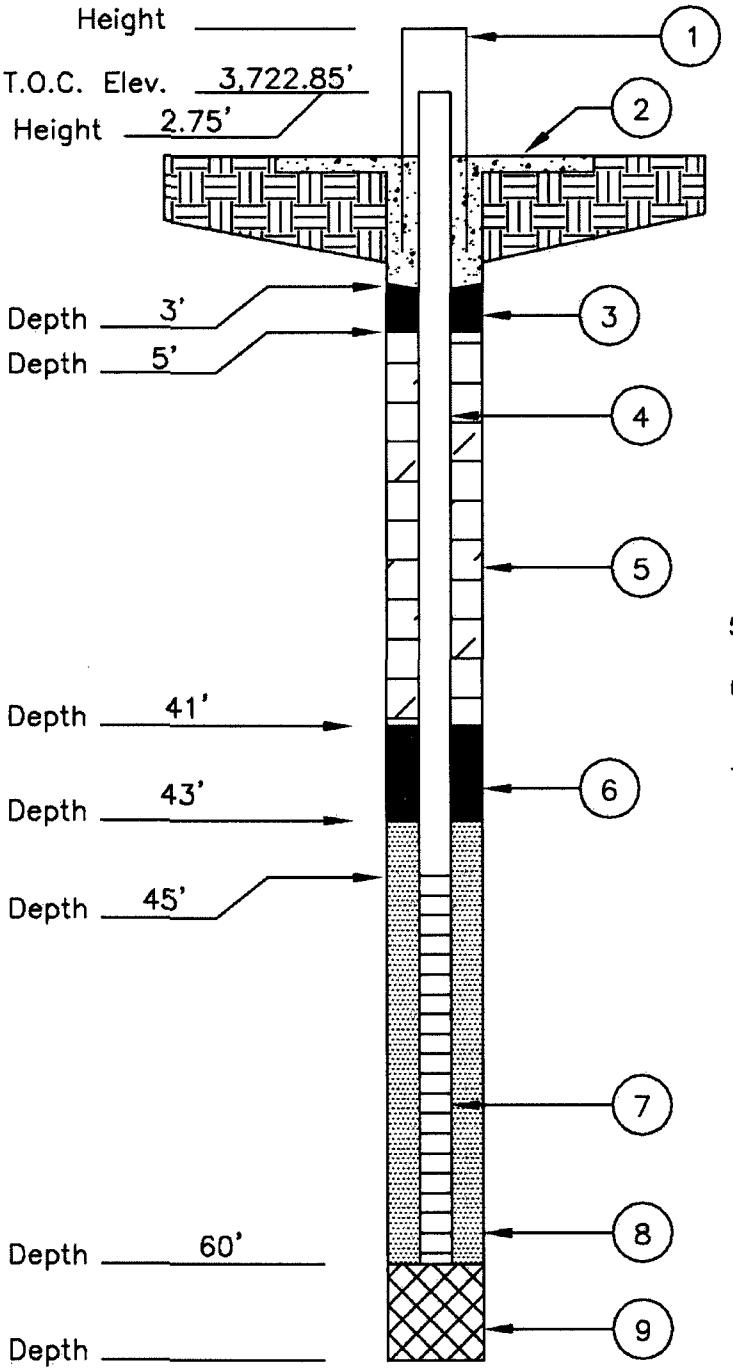
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 7-30-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-8



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 50 ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 15 ft.

Slot Size .010"
Length ft.

Screen Diameter 4 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill NA

10) Drilling Method Air Rotary

11) Additives Used if any None

12) Borehole Diameter 8.5 in.

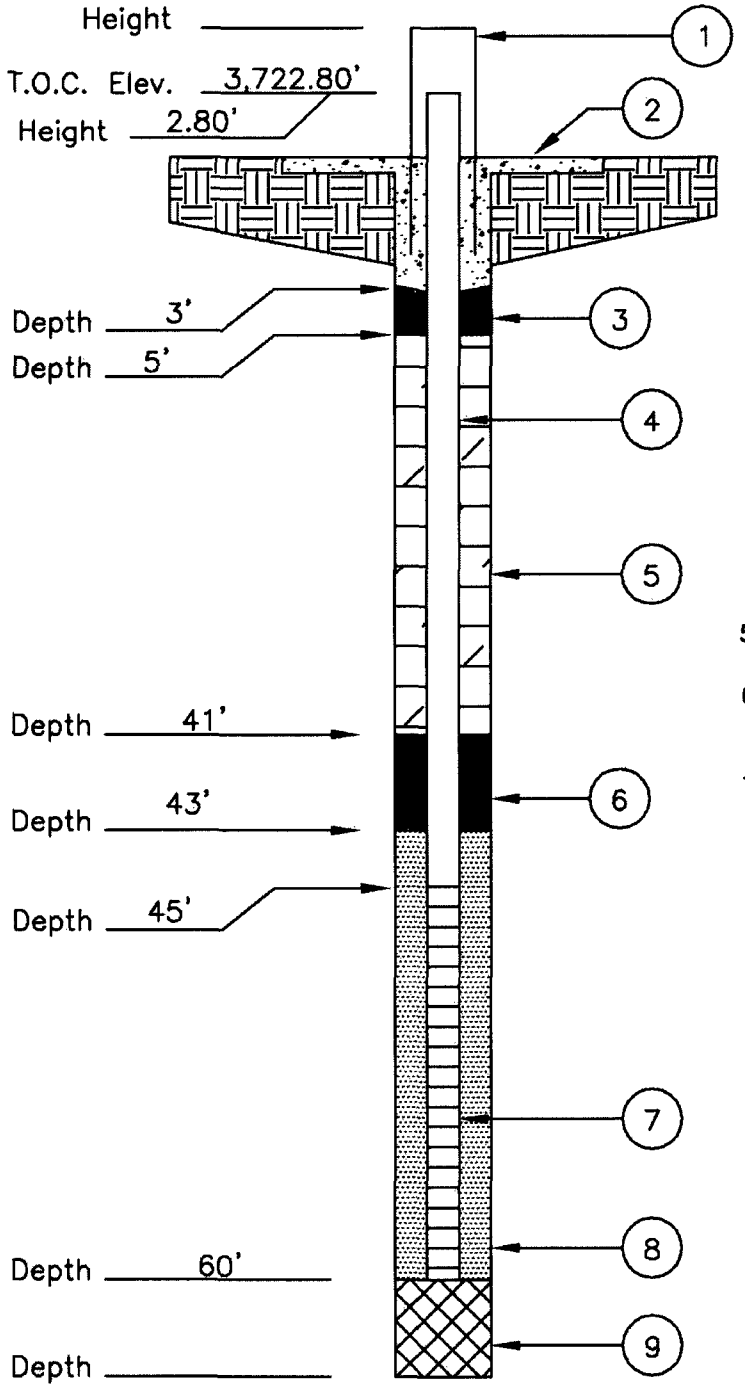
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 7-30-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-9



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed: Bentonite Chips

4) Solid Pipe Type: PVC

Solid Pipe Length: 50 ft.

Joint Type Slip/Glued or Threaded: Threaded

5) Type of Backfill: Bentonite Chips

6) Type of Lower Seal if Installed: Bentonite Chips

7) Screen Type: PVC with well point
Screen Length: 15 ft.

Slot Size: .010"
Length: ft.

Screen Diameter: 4 in.

8) Type of Backfill around Screen: 1220 sand

9) Type of Backfill: NA

10) Drilling Method: Air Rotary

11) Additives Used if any: None

12) Borehole Diameter: 8.5 in.

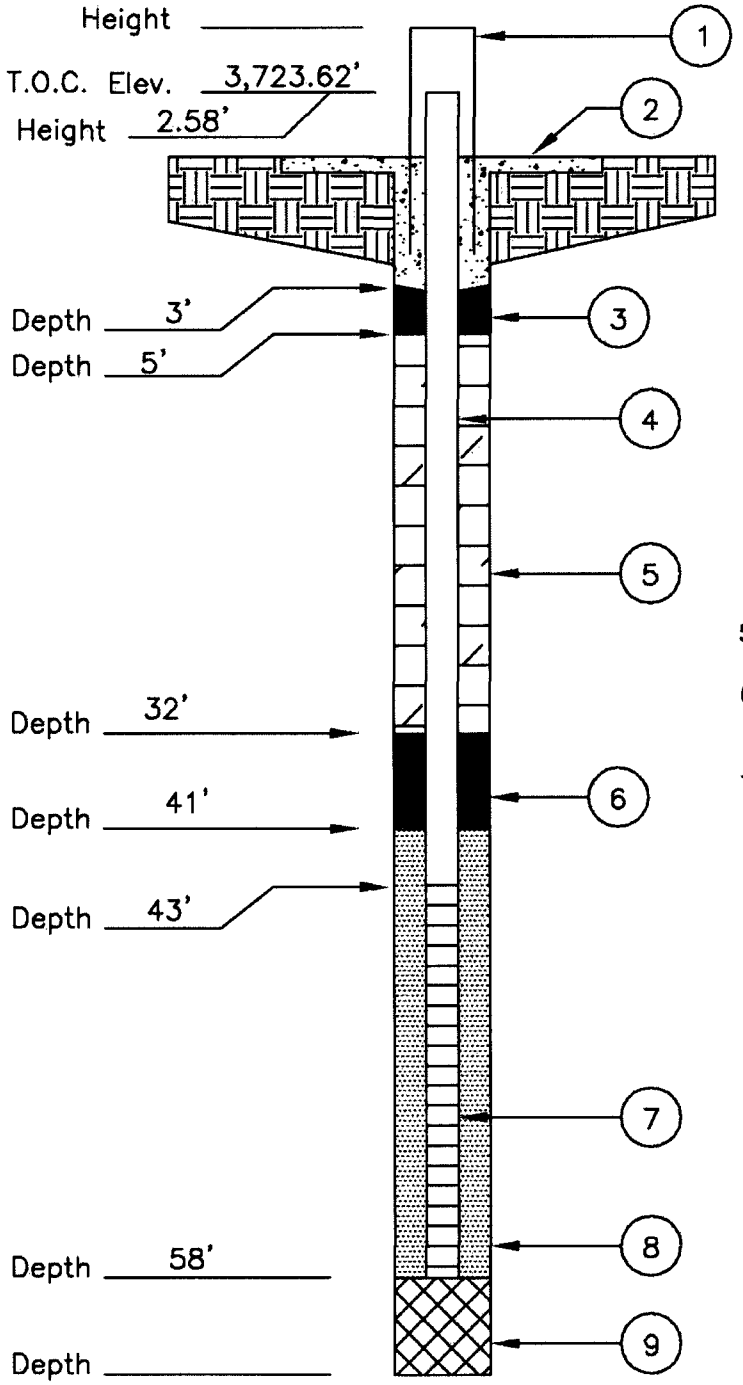
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
EUNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 12-7-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-10



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 43 ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 15 ft.

Slot Size .020"
Length ft.

Screen Diameter 2 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill sand

10) Drilling Method Hollow Stem Auger

11) Additives Used if any None

12) Borehole Diameter 8.25 in.

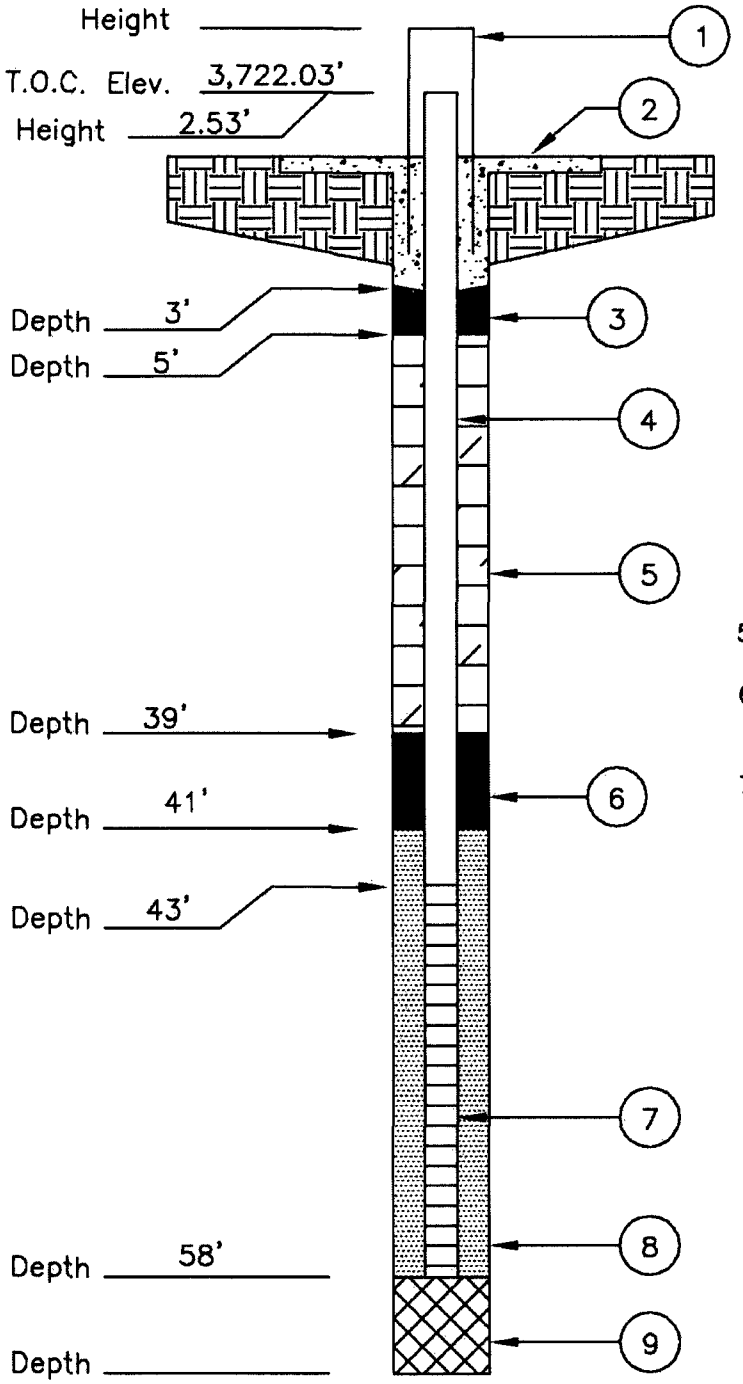
ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES
ELNICE, NM
505-394-3481

Monitoring Well Construction Information

Standard Well

Job No.: Plains Pipeline, L.P. ref. #2002-10757 **Job Name:** Kimbrough Sweet

Date: 12-7-04 **Field Representative:** J. Robinson **Boring / Well No.** MW-11



1) Protective Casing [Yes] No
Locking [Yes] No
Protective Posts Yes [No]
Concrete Pyramid Yes [No]

2) Concrete Seal [Yes] No

3) Type of Surface Seal if Installed Bentonite Chips

4) Solid Pipe Type PVC

Solid Pipe Length 43' ft.

Joint Type Slip/Glued or Threaded Threaded

5) Type of Backfill Bentonite Chips

6) Type of Lower Seal if Installed Bentonite Chips

7) Screen Type PVC with well point
Screen Length 15 ft.

Slot Size .020"
Length ft.

Screen Diameter 2 in.

8) Type of Backfill around Screen 1220 sand

9) Type of Backfill 1220 sand

10) Drilling Method Hollow Stem Auger

11) Additives Used if any None

12) Borehole Diameter 8.25 in.

Appendix IV: Site Information and Metrics Form

PLAINS ALL AMERICAN Site Information and Metrics	Incident Date: 10/25/2000	NMOCD Notified: 10-25-00@5:15PM

SITE: Kimbrough Sweet		Assigned Site Reference #: 2000-10757	
Company: Plains Pipeline, L.P.			
Street Address: P.O. Box 3119			
Mailing Address:			
City, State, Zip: Midland, Texas 79702			
Representative: Camille Reynolds			
Representative Telephone: 505.396.3341 (CJReynolds@paalp.com)			
Telephone:			
Fluid volume released (bbls): 60 bbls		Recovered (bbls): 22 bbls	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)			
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)			
Leak, Spill, or Pit (LSP) Name: Kimbrough Sweet			
Source of contamination: 8" Steel Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico			
LSP Dimensions 200' x 200'			
LSP Area: 15,613 ft^2			
Location of Reference Point (RP)			
Location distance and direction from RP			
Latitude: 32°46'48"N			
Longitude: 103°14'18"W			
Elevation above mean sea level: 3,720'amsl			
Feet from South Section Line			
Feet from West Section Line			
Location- Unit or ¼¼: SW¼ of the NE¼		Unit Letter: G	
Location- Section: 3			
Location- Township: T18S			
Location- Range: R37E			
Surface water body within 1000 ' radius of site: none			
Domestic water wells within 1000' radius of site: none			
Agricultural water wells within 1000' radius of site: none			
Public water supply wells within 1000' radius of site: none			
Depth from land surface to ground water (DG) 50'bgs			
Depth of contamination (DC) – 50'bgs			
Depth to ground water (DG – DC = DtGW) - zero feet			

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

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19	10-19	0-9
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm

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

Appendix V: NMOCD Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company: **Plains Pipeline, L.P.**	Contact: **Camille Reynolds**
Address **P.O. Box 3119 Midland, Texas 79702**	Telephone No. **505.396.3341 (CJReynolds@paalp.com)**
Facility Name **Kimbrough Sweet #2000-10757**	Facility Type **8" Steel Pipeline**
Surface Owner: **State of New Mexico**	Mineral Owner / Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County:
G	**3**	**T18S**	**R37E**					Lea

Latitude: **32°46'48"N** **Longitude:** **103°14'18"W**

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **60 bbls barrels**	Volume Recovered **22 bbls barrels**
Source of Release **8" Steel Pipeline**	Date and Hour of Occurrence **10/25/2000**	Date and Hour of Discovery **10/25/2000**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Donna Williams**	
By Whom? **Wayne Brunette**	Date and Hour **10-25-00@5:15PM**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
***8" Steel Pipeline*: The release was caused by internal corrosion. Approximately 60 barrels of crude oil was released and approximately 22 barrels recovered and reintroduced to the system. The leak was excavated and repaired and the line placed back in service.**

Describe Area Affected and Cleanup Action Taken.*
15,613 sqft 200' x 200': In 2001, the NMOCD approved a Soil and Groundwater Abatement Plan. Impacted soil down to 15'bgs was excavated, shredded, and treated. A 2-foot thick compacted clay barrier was installed in the bottom of the excavation and the treated soil used to bring to grade. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	**OIL CONSERVATION DIVISION**
Printed Name: Camille Reynolds	Approved by District Supervisor:
E-mail Address: CJReynolds@paalp.com	Approval Date: / Expiration Date:
Title: District Environmental Supervisor	Conditions of Approval: / Attached ☐
Date: Phone: 505.396.3341	

* Attach Additional Sheets If Necessary