

GW-263

**Corrective Action Work Plan for Soil Impacted by C. Station
CONTINUATION**

Work Plan

YEAR(S):

2009

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Sent Via email – Hard Copy Via Certified Mail

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources
Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: PNM Star Lake Natural Gas Compressor Station (GW-263) – Corrective Action Work Plan for Soil Impacted by Compressor Oil; McKinley County, NM;

Dear Mr. Chavez,

With this letter, PNM is submitting the Corrective Action Closure Report for the historic release of compressor oil at the Star Lake Compressor Station for OCD review and approval. The attached Corrective Action Closure Report describes the site assessment conducted, remediation of petroleum contaminated soils, analytical results, and request for final closure of the former Clark Compressor Building release.

Initial notice of the release was provided via telephone on November 6, 2007. The initial C-141 report was submitted on November 9, 2007. With this submittal, an updated C-141 is attached. This update summarizes the site assessment and corrective action performed.

Please let me know if there are any questions. I may be contacted at (505) 697-3508 or by Cell (505) 249-0853 or via email at mark.sikelianos@nmgco.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Sil".

Mark Sikelianos
Senior Scientist

Enc.

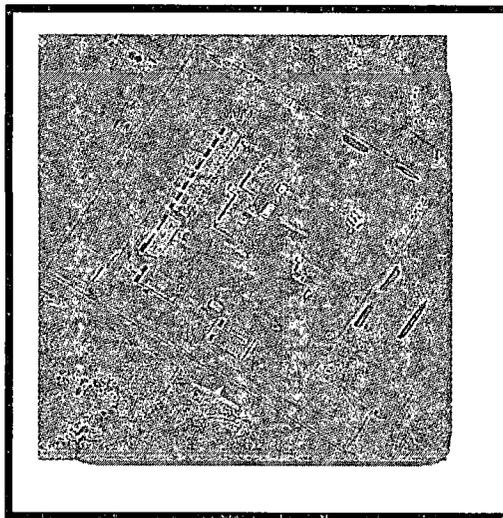
Via Certified Mail

Cc: Claudette Horn, PNM
Curtis Winner, PNM
Kevin Lawrence, PNM
DCC

Prepared For
OIL CONSERVATION DIVISION

**CORRECTIVE ACTION CLOSURE REPORT
FORMER CLARK COMPRESSOR BUILDING
STAR LAKE COMPRESSOR STATION**

**NW ¼ of SEC. 34, T 20N, R6W
McKinley County, New Mexico**



Date Issued: January 27, 2008

Mark Sikelianos

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1.0 EXECUTIVE SUMMARY

During decommissioning activities of seven compressor engines and ancillary equipment installed in the 1940s, discolored soil was encountered. Two soil samples were collected and analyzed for: PCBs (non-detect), BTEX (non-detect), metals (none exceeded RCRA standards), chloride (12 ppm non-detect), and TPH (15,000 and 75,000 ppm). The OCD ranking score for the site is 20.

Delphi, Inc ("DELPHI") was requested by Ms. Claudette Horn of PNM to conduct an Environmental Site Assessment ("ESA") in association with the retirement of seven (7) "Clark" Compressors at the Star Lake Compressor Station (Star Lake).

On March 18, 2008, a Phase II Investigation was performed utilizing a direct push geoprobe. A total of twenty-six (26) soil borings were performed with samples collected in four foot intervals. The investigation was conducted on the east and west sides of the former Clark Compressor building (see Figure 3).

At the time of the investigation, the building shell had been removed with the concrete foundation and compressors still present. The borings were strategically placed to delineate the horizontal and vertical extent of petroleum contamination. The soils were screened in the field visually, and with a photo ionization detector (PID). Based upon these indications samples were submitted for laboratory analysis of the following: Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Motor Oil Range Organics (MRO) by EPA modified Method 8015B; ethylene glycol, by EPA modified Method 8015; PCBs, by EPA Method 8080; and Total RCRA Metals, by EPA Method 6010.

Subsequent excavation and remediation performed in October 2008 removed 1000 cubic yards of petroleum contaminated soil to an OCD approved land farm (T-n-T Environmental). Follow up vertical extent profiling was performed on December 11, 2008, to evaluate TPH contamination and potential threat to ground water. Four borings were performed at depths ranging from 17.5 to 21 feet below ground surface.

1.1 Summary of Data

The results of the initial investigation revealed petroleum contamination on the northern portion of the former Clark Compressor building. The contamination was primarily TPH in the diesel and motor oil range. The highest concentrations reported were in the 1000 ppm range for DRO, and in the 8300 ppm range for MRO. The contamination appears to be located at a depth of 7-8 feet below ground surface, and continues to at least 12 feet below ground surface in a few isolated areas.

Results for soil samples submitted for PCBs, and ethylene glycol were non-detect. Results for soil samples submitted for metals analysis did not reveal any concentrations above maximum allowed TCLP concentrations.

Vertical profile soil samples were collected and submitted for laboratory analysis of BTEX by EPA Method 8021, and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring, SB-3A, collected at 21-feet below ground surface, to contain TPH MRO of 360 mg/l. Although the TPH concentration is above the recommended remediation action level of 100 ppm, Delphi does not believe the residual contamination poses any future threat to health, surface/ground water, or the environment. TPH in the motor oil range is generally less soluble, not know to contain carcinogens, and is typically not a contaminant of concern.

1.2 Conclusions

The results of the investigation revealed petroleum contamination on the northern portion of the former Clark Compressor building. The contamination was primarily TPH in the diesel and motor oil range. Results for soil samples submitted for PCBs, and ethylene glycol were non-detect. Results for soil samples submitted for metals analysis did not reveal any concentrations above maximum allowed TCLP concentrations. The highest concentrations reported were in the 1000 ppm range for DRO, and in the 8300 ppm range for MRO. The contamination appeared to be located at a depth of 7-8 feet below ground surface, and continued to at least 12 feet below ground surface in a few isolated areas where the former Clark compressor units five and six previously existed.

Subsequent excavation and remediation performed in October 2008 have removed the gross petroleum contamination. A total of 1000 cubic yards of contaminated soil were removed and hauled to a nearby OCD approved land farm (T-n-T Environmental). Copies of the trucking manifests are provided in the Appendices for reference. A C138 form was submitted to the land farm facility prior to hauling of any material.

Follow up vertical extent profiling was performed on December 11, 2008, to evaluate TPH contamination and potential threat to ground water. Four borings were performed at depths ranging from 17.5 to 21 feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing greater vertical depth. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021, and for TPH by EPA Method 8015B in the GRO, DRO, and MRO range. The results revealed one boring, SB-3A, collected at 21-feet below ground surface, to contain TPH MRO of 360 mg/l. Although the TPH concentration is above the recommended remediation action level of 100 ppm, Delphi does not believe the residual contamination poses any future threat to health, surface/ground water, or the environment. TPH in the motor oil range is generally less soluble, not known to contain carcinogens, and is typically not a contaminant of concern.

The primary constituents of health and ecological concern are small aromatic compounds (e.g., benzene, toluene, ethylbenzene, xylenes, etc.), and Naphthenic acids (captured by TPH-GRO/DRO). In general, the smaller the molecule, the more likely it is to volatilize; dissolve in water; be bioavailable; and to be biodegraded. Petroleum hydrocarbons greater than C28 Fraction of Petroleum such as MRO have a high molecular-weight, show low bioavailability, are of low toxicity, and show little mobility in the environment. In most circumstances, these constituents do not present a threat to public health, fresh water or the environment.

1.3 Recommendations

Based on the conclusions of this assessment, the limits of source contamination appear sufficiently defined both in the horizontal and vertical extent. Additional source removal of petroleum contaminated soils has occurred, including the removal of 1000 cubic yards of petroleum contaminated soil. PNM does not believe the residual contamination poses any future threat to health, surface/ground water, or the environment and recommends that the site be closed with no further action required.

2.0 BACKGROUND

On November 13, 2007, an initial site visit was performed at Star Lake to make a preliminary assessment. The building surrounding the Clark compressors had been removed with the foundation and engines still in place. The existing foundation was measured to be approximately 15-feet wide and 140-feet in length. There appeared to be soil contamination surrounding the perimeter of the foundation, with the most visible areas along the southeastern side of the foundation where prior sampling revealed high concentrations of TPH. The soils showed slight petroleum hydrocarbon staining. Based upon the site observations and the previous sampling performed, a more detailed assessment of the area was recommended.

2.1 Location

Star Lake is located at an elevation of 6,640 feet above mean sea level in Section 34, Township 20N, Range 6W. The facility is approximately 11 miles west/northwest of Torreon, NM in McKinley County. Figure 1 is a 1:100,000 topographic map showing the regional topography and general site location of the Star Lake Facility. Figure 2 is a USGS 7.5 minute topographic map showing the location of the facility and localized topographical features. Figure 3, is an aerial photo/map of Star Lake with the soil boring locations and analytical data posted. Figure 4 is a footprint map of the buildings, soil boring locations, and analytical data posted.

2.2 Site History

The Star Lake Compressor Station (Star Lake) is a natural gas compressor station. The facility is owned by the Public Service Company of New Mexico and has been operating since approximately 1945. The facility was originally constructed in 1945 and consisted of two Clark RA6 compressor engines. Three additional Clark RA6 engines were installed, two in 1946 and one in 1949. In 1952, two additional Clark HRA6 engines were installed. PNM is in the process of retiring the seven (7) "Clark" internal gas combustion compression engines.

2.3 Chronology of Events

During decommissioning activities of seven compressor engines and ancillary equipment installed in the 1940s, discolored soil was encountered. Two soil samples were collected and analyzed for: PCBs (non-detect), BTEX (non-detect), metals (none exceeded RCCRA standards), chloride (12ppm and non-detect), and TPH (15,000 and 75,000 ppm).

On November 7, 2007, a C-141 release form was submitted providing notification of the release by Ms. Claudette Horn, Environmental Manager with PNM, to Mr. Leonard Lowe, Environmental Engineer with the OCD.

On November 13, 2007, an initial site visit was performed at Star Lake to make a preliminary assessment. The building surrounding the Clark compressors had been removed with the foundation and engines still in place. The existing foundation was measured to be approximately 15-feet wide and 140-feet in length. There appeared to be soil contamination surrounding the perimeter of the foundation, with the most visible areas along the southeastern side of the foundation where prior sampling revealed high concentrations of TPH. The soils showed slight petroleum hydrocarbon staining.

On March 18, 2007, a Phase II Investigation was performed utilizing a direct push geoprobe. A total of twenty six (26) soil borings were performed with samples collected in clear polycarbonate

liners in four-foot intervals. The investigation was conducted on the east and west sides of the former Clark Compressor building.

During the week of June 9th through June 17, the Clark compressor foundation was demolished and excavated. The foundation measuring 15' x 140' x 6' was removed. It was estimated that approximately 500 cubic yards of the concrete foundation were removed. At this time, further assessment of the soils beneath the foundation was performed. There was some evidence of discolored soils along the length of the trench. A front end loader was used to remove a 1-foot horizon of soil across the entire length of the excavation. The soils were staged on the northwest corner of the property. One sample was collected approximately 100 feet north of the Saturn building as a worst case sample to determine if the discolored soils were highly contaminated. An additional sample was collected 120 feet north of the Saturn building in the area defined by the geoprobe investigation as having the highest concentration. The sample was collected at a vertical depth of 12 feet below ground surface in the center of the trench. Based upon results of laboratory analysis and visual observation the contamination was not continuous and not present directly beneath the former slab. There appeared to be isolated areas of contamination along the side trenches of the former slab. Correspondence with Mr. Leonard Lowe addressed two items of concern. Soils staged on the north side of the facility should be covered in plastic, and two, that the T-n-T Environmental Land Farm facility can accept the contaminated soils. Both of these issues were resolved.

During the week of October 27 through October 31, 2008, contaminated soil was hauled to T-n-T Environmental Inc in Lindrieth, NM. A track hoe excavator was used to perform additional source removal in the areas identified with high TPH concentrations in the soil. Clean backfill was brought in to the Star Lake facility to fill the void from the foundation and soil removal. Approximately 1000 yards of contaminated soil were hauled to T-n-T for disposal. Prior to hauling, a C138 form requesting approval to accept the waste was submitted to T-n-T. Each truck load was tested in the field for chlorides prior to acceptance. Copies of the commercial land farm haul tickets are provided as attachment in the Appendix C.

On December 11, 2008, additional vertical profiling was performed with a direct push geoprobe in the area previously identified as having petroleum contamination. Four borings were performed at depths ranging from 17.5 to 21-feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing the sample core from advancing. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021, and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring, SB-3A-@ 21' below ground surface, to contain TPH in the motor oil range (MRO) of 360 mg/l. Figure 3 shows the location of the soil borings with corresponding laboratory analysis, and Table 1 provides a summary of the laboratory analysis performed. Select photographs showing the remediation and vertical geoprobe profiling are provided as reference.

3.0 SITE SETTINGS

3.1 Soils/Geology

The Facility is located within McKinley County, New Mexico. Soils data from the NRCS were acquired for McKinley County. The soils were identified as Calladito-Elias association (see Appendix C).

Description Category: SOI Map Unit: 12—Calladito-Elias association, 1 to 6 percent slopes

Calladito soils make up 55 percent of the map unit. The runoff class is negligible. The depth to a restrictive feature is greater than 60 inches. This soil is excessively drained. The slowest soil permeability within a depth of 60 inches is rapid. Available water capacity to a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 1 percent. The assigned Kw erodibility factor is .20. It is nonirrigated land capability subclass 7e. This component is not a hydric soil. Typical Profile: A - 0 to 2 inches; loamy fine sand; slightly alkaline. C1 - 2 to 26 inches; loamy fine sand; moderately alkaline. C2 - 26 to 65 inches; loamy fine sand; moderately alkaline.

Elias soils make up 30 percent of the map unit. The runoff class is medium. The depth to a restrictive feature is greater than 60 inches. This soil is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity to a depth of 60 inches is moderate, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 15 percent. The assigned Kw erodibility factor is .32. It is non irrigated land capability subclass 7s. This component is not a hydric soil. Typical Profile: E - 0 to 1 inches; fine sandy loam; strongly alkaline. Btn1 - 1 to 3 inches; sandy clay loam; very strongly alkaline. Btn2 - 3 to 10 inches; sandy clay loam; very strongly alkaline. Bkn1 - 10 to 18 inches; loamy fine sand; strongly alkaline. Bkn2 - 18 to 33 inches; sandy clay loam; moderately alkaline. Bkn3 - 33 to 65 inches; clay loam; very strongly alkaline.

According to the New Mexico Bureau of Geology and Minerals, the facility is located in (**Kkf**) **Kirtland and Fruitland formations** (campanion) –coal-bearing, primarily in the Fruitland. The soils encountered during vertical profiling included pale yellow fine grained sand, silty sandstone, with refusal occurring at approximately 20-feet below ground surface.

3.2 Hydrology

The regional hydraulic gradient in the alluvial aquifer is believed to follow the topography to the south. The localized groundwater gradient in the vicinity of the Property is also believed to be to the south. This may be altered or influenced by localized pumping of local wells. Depth to groundwater in the vicinity of the facility is reported to be approximately 100 feet below the ground surface (depth to ground water – ranking score 10). The area of concern is less than 200 feet from a private domestic water source (wellhead protection area < 200 feet from a private domestic water source – ranking score 20). There are no washes or ephemeral streams located within 1000 feet of the compressor facility (distance to surface water body > 1000 horizontal feet – ranking score 0).

3.3 Potential Receptors

There are two water wells located on site along the north property boundary. Well #1 is a deeper well with depth to water reported at approximately 493 feet below ground surface (bgs), total depth at approximately 1470 feet bgs, and the pump set at approximately 834 feet bgs. The reported

perforations or screened interval is believed to be from 775 to 785 feet bgs. Well # 2 is a shallow well with depth to water reported at approximately 122 feet bgs, total depth at approximately 180 feet bgs and the pump set at approximately 170 feet below ground surface. Both of these wells are believed to be located up gradient of the facility. Results of groundwater samples collected and submitted for laboratory analysis (1/15/2008) showed no petroleum hydrocarbon contamination. Copies of the well completion diagrams along with copies of the laboratory analysis performed on the shallow well, Star Lake #2 Water Well, are provided as attachment in Appendix D.

4.0 METHODS OF INVESTIGATION

4.1 GeoProbe Direct Push Investigation

In order to evaluate and delineate both the horizontal and vertical extent of the petroleum hydrocarbon contamination at the site, twenty-six (26) soil borings were performed utilizing a direct push hydraulic auger system. The borings (SB1 through SB26) were performed in and around the vicinity of the former Clark compressor building at shallow depths ranging from zero to sixteen feet below ground surface. The direct push geoprobe continuously advanced a clear polycarbonate core sampler into the undisturbed soil. Soil samples were collected in 4-foot intervals with field personnel providing screening and recording lithologic descriptions of the soils. In addition to these samples, two discrete samples were collected directly below the former "New" oil tank. The samples were submitted for laboratory analysis of TPH in the gasoline, diesel, and motor oil range (GRO, DRO, MRO) utilizing modified EPA Method 8015.

In all, thirty four (34) soil samples were collected and submitted for laboratory analysis. The soils were screened in the field visually, and with a photo ionization detector (PID). Based upon these indications samples were submitted for laboratory analysis of the following: TPH GRO, DRO, and MRO by Method 8015B; ethylene glycol, modified Method 8015; PCBs, Method 8080; and Total RCRA Metals, by Method 6010.

4.2 Removal of Concrete Foundation

During the week of June 9th thru June 17th, the Clark compressor foundation was demolished and excavated. The foundation measured approximately 15' x 140' x 6' and was estimated to contain approximately 500 cubic yards of concrete. The concrete was broken up, removed from the site, and used for rip rap and storm water erosion prevention.

4.3 Follow-up Subsurface Investigation

Once the concrete from the foundation was removed, further assessment of the soils beneath the foundation was performed. There was visual evidence of discolored soils along the length of the trench. A front end loader was used to excavate a one foot horizon of soil across the entire length of the trench. The excavated soils were staged on the northwest corner of the property.

On December 11, 2008, additional vertical profiling was performed with a direct push geoprobe in the area previously identified as having petroleum contamination. Four borings were performed at depths ranging from 17.5 to 21-feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing further advancement of the core barrel. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021, and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring SB-3A, at a depth of 21-feet below ground surface to contain TPH MRO at 360 mg/l. Figure 3 shows the location of the soil borings with corresponding laboratory analysis, and Table 1 provides a summary of the laboratory analysis performed.

4.0 SAMPLING AND ANALYSIS RESULTS

4.1 Soil

The results of the investigation revealed petroleum contamination on the northern portion of the former Clark Compressor building. The contamination was primarily TPH in the diesel range and motor oil range. The highest concentrations reported were in the 1000 ppm range for DRO, and in the 8300 ppm range for MRO. The contamination appears to be located at a depth of 7-8 feet below ground surface, and continues to at least 12 feet below ground surface. Results for soil samples submitted for PCBs, and ethylene glycol were non detect Results for soil samples submitted for metals analysis did not reveal any high concentrations, with the exception of barium which is still below maximum allowed TCLP concentrations. Soils field screened with a PID did not reveal any Volatile Organic compounds. The highest reading encountered was seven (7) ppm. The soils with visual hydrocarbon contamination observed were degraded petroleum hydrocarbons with low hydrocarbon odors.

The results from additional vertical profiling performed with a direct push geoprobe in the area identified as having petroleum contamination revealed the following: Four borings were performed at depths ranging from 17.5 to 21 feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing greater vertical depth. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021, and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring SB-3A at 21-feet below ground surface, to contain TPH in the MRO at a concentration of 360 mg/l. Figure 3 shows the location of the soil borings with corresponding laboratory analysis, and Table 1 provides a summary of the laboratory analysis performed. Select photographs showing the remediation and vertical profiling are provided in the Appendix as reference.

4.2 Groundwater

There are no known impacts or impairments to ground water. A shallow water well (~100 feet to groundwater) is located approximately 200 feet to the north of the former Clark building. This well was sampled and submitted for laboratory analysis (January 15, 2008, Pinnacle Laboratories). Results of the analysis did not reveal any hydrocarbon contamination.

5.0 REMEDIATION

5.1 Dig and Haul

PNM excavated all of the grossly contaminated soils within the former foundation trench. The horizon directly beneath the former foundation was over excavated at least one foot across the entire trench, including isolated areas of soil contamination along the northern portion of the trench. Soils were excavated and removed in the horizontal and vertical extent based upon laboratory results obtained during the geoprobe investigation. A scientist was present at the time of the remediation to supervise and direct field excavation activities.

During the week of October 27 through October 31, 2008, the contaminated soil was hauled to T-n-T Environmental Inc in Lindrieth, NM. A track hoe excavator was used to perform additional source removal in the area identified with high TPH concentration in the soil. Clean backfill was trucked to the Star Lake facility to fill in the void from the concrete foundation and soil remediation. Approximately 1000 cubic yards of contaminated soil were hauled to T-n-T for disposal. Prior to hauling, a C138 form requesting approval to accept the waste was submitted to T-n-T. Each truck load was tested in the field for chlorides prior to acceptance. Copies of the commercial landfarm haul tickets are provided as attachment in Appendix C.

5.0 CONCLUSIONS AND RECOMENDATIONS

5.1 Conclusions

The results of the investigation revealed petroleum contamination on the northern portion of the former Clark Compressor building. The contamination was primarily TPH in the diesel and motor oil range. Results for soil samples submitted for PCBs, and ethylene glycol were non-detect. Results for soil samples submitted for metals analysis did not reveal any concentrations above maximum allowed TCLP concentrations. The highest concentrations reported were in the 1000 ppm range for DRO, and in the 8300 ppm range for MRO. The contamination appeared to be located at a depth of 7-8 feet below ground surface, and continued to at least 12 feet below ground surface in a few isolated areas where Clark units five and six previously existed.

Subsequent excavation and remediation performed in October 2008 have removed the gross petroleum contamination. A total of 1000 cubic yards of contaminated soil were removed and hauled to a nearby OCD approved land farm (T-n-T Environmental). Copies of the trucking manifests are provided in the Appendices for reference. A C138 form was submitted to the land farm facility prior to hauling of any material.

Follow up vertical extent profiling was performed on December 11, 2008, to evaluate TPH contamination and potential threat to ground water. Four borings were performed at depths ranging from 17.5 to 21 feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing greater vertical depth. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021 and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring, SB-3A, collected at 21-feet below ground surface, to contain TPH MRO of 360 mg/l. Although the TPH concentration is above the recommended remediation action level of 100 ppm, Delphi does not believe the residual contamination poses any future threat to health, surface/ground water, or the environment. TPH in the motor oil range is generally less soluble, not know to contain carcinogens, and is typically not a contaminant of concern.

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5.2 Recommendations

Based on the conclusions of this assessment, the limits of source contamination appear sufficiently defined both in the horizontal and vertical extent. Additional source removal of petroleum contaminated soils has occurred, including the removal of 1000 cubic yards of petroleum contaminated soil. PNM does not believe the residual contamination poses any future threat to health, surface/ground water, or the environment and recommends that the site be closed with no further action required.

6.0 REFERENCES

USGS - 7.5 Minute Topographic Quadrangle of Star Lake, NM, 1989

DOQQ aerial photographs Star Lake, NM, 2005

Geologic Map of New Mexico, New Mexico Bureau of Geology and Mineral Resources, 2003, Scale 1:500,000

USDA - Soil Conservation Service and Forest Service, Soil Survey Area: McKinley County Area, New Mexico, McKinley County and Parts of Cibola and San Juan Counties
Survey Area Data: Version 7, Jan 13, 2007

Corrective Action Work Plan - Star Lake Compressor Station, Delphi, Inc., August 12, 2008

Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), New Mexico Oil Conservation Division,

Office of State Engineers – WATERS Database.

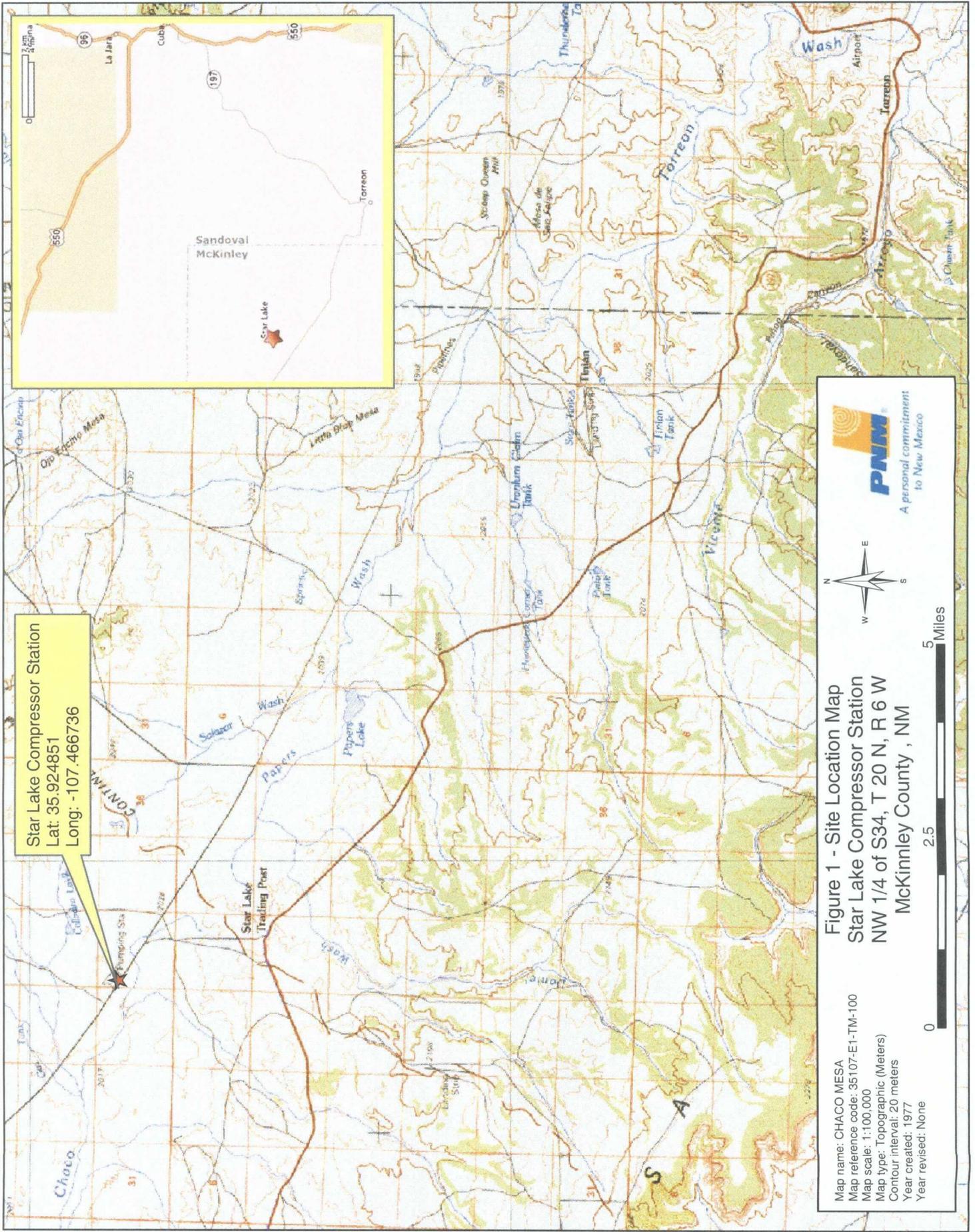
FIGURES

SITE LOCATION MAP

SITE TOPOGRAPHIC MAP

SITE AERIAL PHOTO WITH SOIL BORINGS/ANALYTICAL

SITE MAP WITH SOIL BORINGS/ANALYTICAL



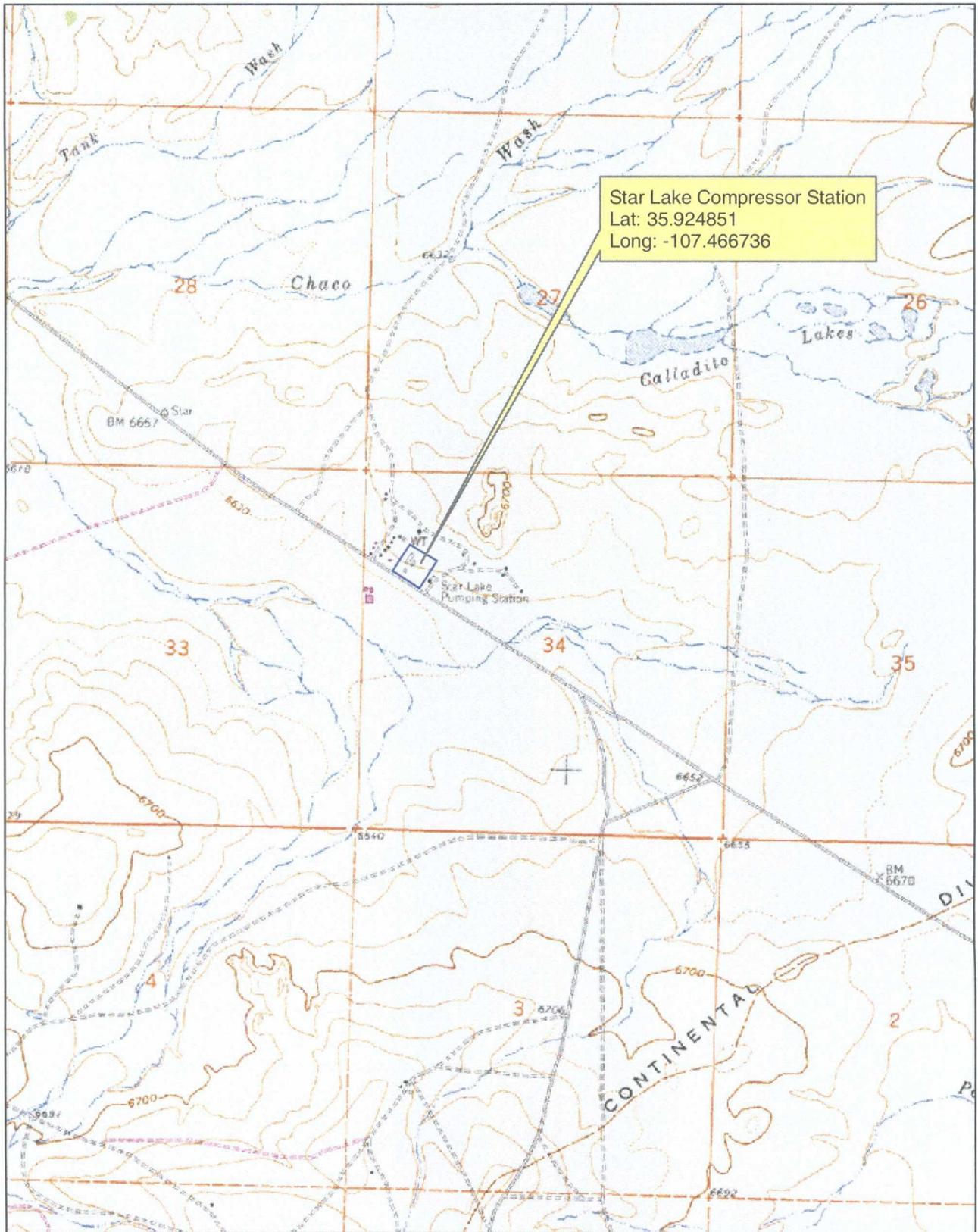
Star Lake Compressor Station
 Lat: 35.924851
 Long: -107.466736

Map name: CHACO MESA
 Map reference code: 35107-E1-TM-100
 Map scale: 1:100,000
 Map type: Topographic (Meters)
 Contour interval: 20 meters
 Year created: 1977
 Year revised: None

PNM
 A personal commitment
 to New Mexico

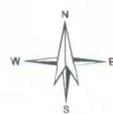
0 2.5 5 Miles

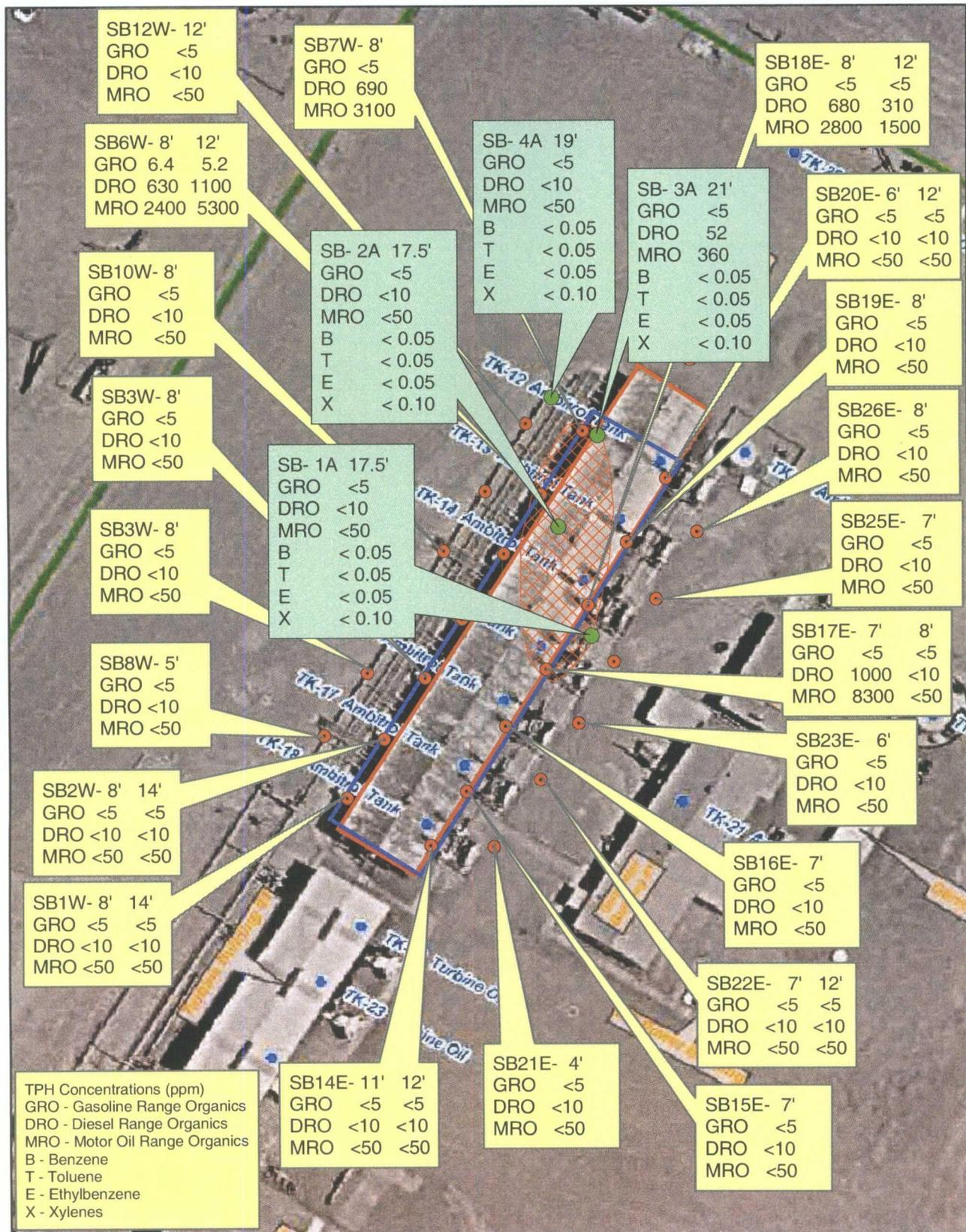
Figure 1 - Site Location Map
 Star Lake Compressor Station
 NW 1/4 of S34, T 20 N, R 6 W
 McKinley County, NM



Map name: STAR LAKE
 Map reference code: 35107-H4-TF-024
 Map scale: 1:24,000
 Map type: Topographic (Feet)
 Contour interval: 20 feet
 Year created: 1961
 Year revised: 1989

Figure 2 - Site Topographic Map
 Star Lake Compressor Station
 NW 1/4 of S34, T 20 N, R 6 W
 McKinley County, NM





Legend

- Soil Boring
- Compressor Bldg
- Contamination
- Excavation/Remediation
- Secondary Borings

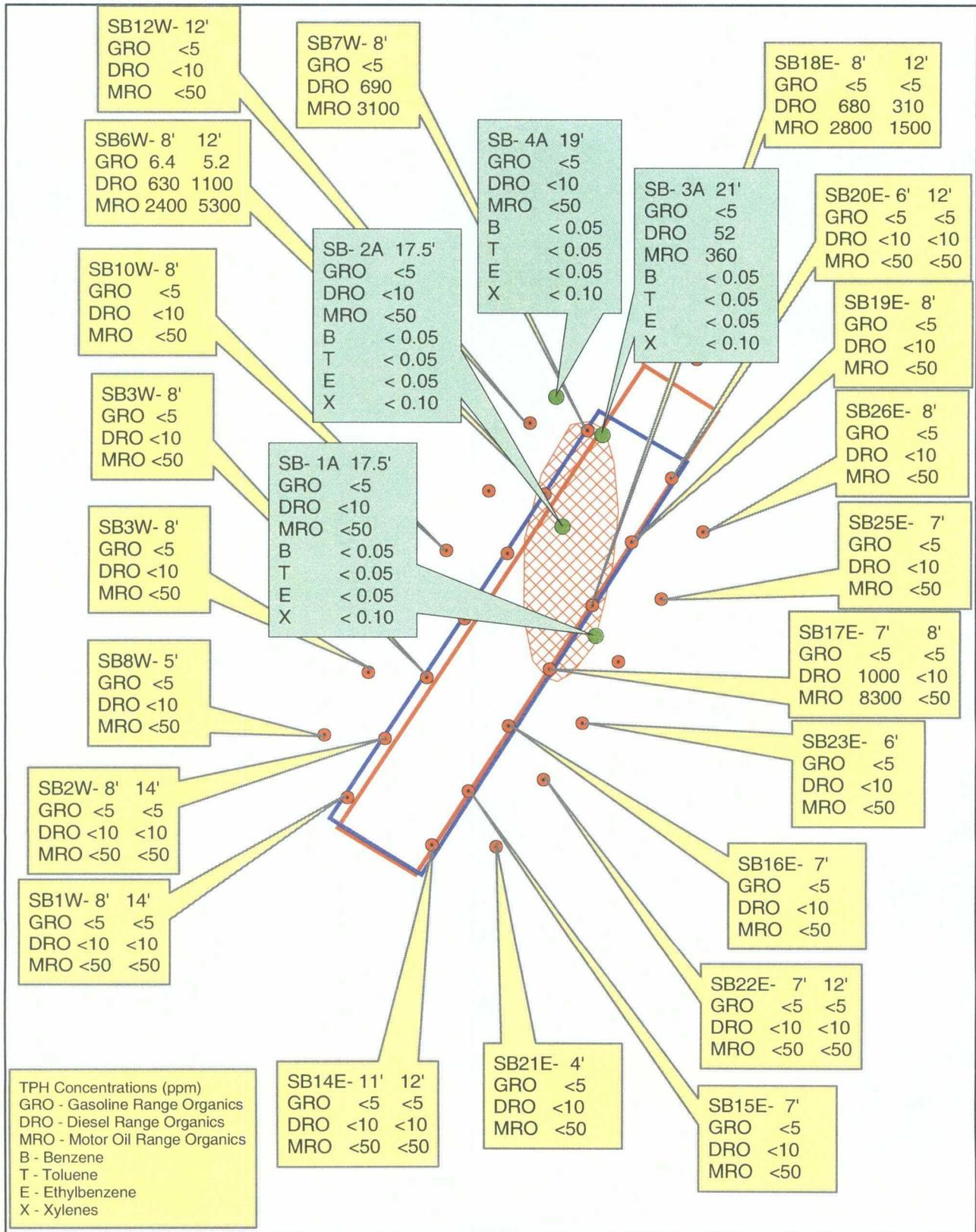
Figure 3 - Site Aerial Photo/Site Map
Star Lake Compressor Station
NW 1/4 of S34, T 20 N, R 6 W
McKinley County, NM



0 50 100 Feet 1 inch equals 42 feet



A personal commitment
to New Mexico



Legend

- Soil Boring
- ▭ Compressor Bldg
- ▨ Contamination
- ▭ Excavation/Remediation
- Secondary Borings

Figure 3 - Site Aerial Photo/Site Map
Star Lake Compressor Station
NW 1/4 of S34, T 20 N, R 6 W
McKinnley County , NM



0 50 100 Feet 1 inch equals 42 feet



A personal commitment
to New Mexico

TABLES

Table 1,
Analytical Results Summary

SAMPLE	Time	Depth	8015B TPH (DRO)	8015B TPH (MRO)	8015B TPH (GRO)	8021B Benzene	8021B Toluene	8021B Ethylbenzene	8021B Xylenes	Comment
SB1-A	11:30	17.5	<10	<50	<5.0	<0.05	<0.05	<0.05	0.10	Sand stone geoprobe refusal
SB2-A	11:55	17.5	<10	<50	<5.0	<0.05	<0.05	<0.05	0.10	Sand stone geoprobe refusal
SB3-A	12:23	21	52	360	<5.0	<0.05	<0.05	<0.05	0.10	Sand stone geoprobe refusal
SB4-A	12:50	19	<10	<50	<5.0	<0.05	<0.05	<0.05	0.10	Sand stone geoprobe refusal

Table 2
 Star Lake
 Clark Compressor Building
 Soil Remediation
 Volume Approximations

Site	Length (ft)	Width (ft)	Area (SF)	Depth (ft)	Volume (cubic feet)	Volume (cubic yds)
Area of Investigation	170	65	11050	12		
Area of Excavation	150	30	4500	8	36000	1333.33
Area of Concrete Foundation	140	15	2100	6	12600	466.67
Volume of Contamination					23400	866.67
Additional soil removal 8-15 fbg	20	40	800	6.5	5200	192.59
Approximate total of contaminated soil						1059.26
Note:						
Approximately 500 cubic yards of concrete was removed and used locally by BLM for rip rap and erosion prevention						
Approximately 1000 cubic yards of contaminated soil was removed and and transported to TNT / Schmitz Land Farms in Lindrith						

TABLE 3.
STAR LAKE
CONTAMINATED SOIL HAULED TO TNT

		10/28/2008	10/29/2008	10/30/2008	Total	Assume 20 yds/load
	Dirty	15	18	18	51	1020
	Clean	15	17	18	50	1000
Invoice TNT	Dirty	Clean	Chloride test			
4132	40		2			
4130	40	40	2			
4133	38	38	2			
4134	40	40	2			
4131	40	40	2			
4128	40	40	2			
4129	40	40	2			
4135	20	20	1			
4139	20	40	1			
4138	20	40	1			
4141	40	40	2			
4142	40	40	2			
4148	40	40	2			
4140	38	40	2			
4145	40	40	2			
4144	40	40	2			
4161	40		2			
4156	40	20	2			
4153	40	20	2			
4154	40	20	2			
4152	40	20	2			
4151	40	20	2			
4155	38	20	2			
4157	40	20	2			
4150	40	20	2			
4146	40	40	2			
4143	20	40	1			
Total	994	818	50	Total	NMGRT	Grand Total
cost/yard	\$19	\$4	\$25		\$0.0606250	
Total	\$18,886	\$3,272	\$1,250	\$23,408	1419.11	\$24,827.11

Note: Foutz brought in 12 loads ~240 yards of clean fill on 10/27/08 from another source
scheduled to deliver an additional 18 loads or 360 yards of clean fill on 10/31/08 from another source

**APPENDIX A
C141- RELEASE NOTIFICATION
C138- REQUEST FOR APPROVAL TO ACCEPT SOLID
WASTE**

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

Form C-141
Revised October 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: PNM	Contact: Mark Sikelianos
Address: Alvarado Square, Albuquerque, NM 87158-2104	Telephone No.: 505-241-2024
Facility Name: Star Lake Compressor Station	Facility Type: Natural Gas Compressor Station

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section 34	Township 20N	Range 6W	Feet from the	North/South Line	Feet from the	East/West Line	County McKinley
-------------	---------------	-----------------	-------------	---------------	------------------	---------------	----------------	--------------------

Latitude: 35.924851 Longitude: -107.466736

NATURE OF RELEASE

Type of Release: Compressor Oil	Volume of Release: unknown	Volume Recovered: none
Source of Release: unknown	Date and Hour of Occurrence Historic release	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

11/27/07 C-141 Submittal (this revised initial 11/9/07 submittal)

During decommissioning activities for seven compressor engines and ancillary equipment installed in the 1940s, discolored soil was encountered. Two soil samples were collected and analyzed for: PCBs (non-detect), BTEX (non-detect), metals (none exceeded RCRA standards), chloride (12ppm and non-detect), and TPH (15,000 and 75,000 ppm). The OCD ranking score for the site is 20.

Most ancillary equipment has been removed; however, the compressor engines and concrete pad are still in-place. Given the extensive nature of the decommissioning activities, PNM will conduct site assessment and associated remediation activities in conjunction with the decommissioning schedule. At this time, PNM plans to conduct the site assessment to determine extent of contamination over the next several weeks.

Per phone discussion between L. Lowe (OCD) and C. Horn (PNM) on November 7, 2007, upon completion of the site assessment, PNM will submit a Corrective Action plan to the OCD. As discussed, PNM plans to initiate necessary remediation activities after removal of the compressor engines and concrete pad.

Current Submittal – Site Investigation

On March 18, 2008, a Phase II Investigation was performed utilizing a direct push geoprobe. A total of twenty-six (26) soil borings were performed with samples collected in four foot intervals. The investigation was conducted on the east and west sides of the former Clark Compressor building.

At the time of the investigation, the building shell had been removed with the concrete foundation and compressors still present. The borings were strategically placed to delineate the horizontal and vertical extent of petroleum contamination. The soils were screened in the field visually, and with a photo ionization detector (PID). Based upon these indications samples were submitted for laboratory analysis of the following: Total Petroleum Hydrocarbons (TPH) gas, diesel, and motor oil range modified Method 8015; ethylene glycol, modified Method 8015; PCBs, Method 8080; Total RCRA Metals, Method 6010.

Describe Area Affected and Cleanup Action Taken.*

Current Submittal – Area Affected and Proposed Corrective Action (see attached Corrective Action Work Plan)

The results of the investigation revealed petroleum contamination on the northern portion of the former Clark Compressor building. The contamination is primarily TPH in the diesel and motor oil range. The highest concentrations reported were in the 1000 ppm range for diesel range organics (DRO), and in the 8300 ppm range for motor oil range organics (MRO). The contamination appears to be located at a depth of 7-8 feet below ground surface, and continues to at least 12 feet below ground surface in a few isolated areas. Results for soil samples submitted for PCBs, and ethylene glycol were non-detect. Results for soil samples submitted for metals analysis did not reveal any concentrations above maximum allowed TCLP concentrations.

During the week of June 9th through June 17, the Clark compressor foundation was demolished and excavated. The foundation measuring 15' x 140' x 6' was removed. It was estimated that approximately 467 cubic yards of concrete were removed. At this time, further assessment of the soils beneath the foundation was performed. There was some evidence of discolored soils along the length of the trench. A front end loader was used to remove a 1- foot horizon of soil across the entire length of the excavation. The soils were staged on the northwest corner of the property. One sample was collected approximately 100 feet north of the Saturn building as a worst case sample to determine if the discolored soils were highly contaminated. An additional sample was collected 120 feet north of the Saturn building in the area defined by the geoprobe investigation as having the highest concentration. The sample was collected at a vertical depth of 12 feet below ground surface in the center of the trench. Based upon results of laboratory analysis and visual observation the contamination was not continuous and not present directly beneath the former slab. There appeared to be isolated areas of contamination along the side trenches of the former slab.

PNM proposes to excavate all of the grossly contaminated soils within the former foundation trench and haul them to an OCD approved land farm. The horizon directly beneath the former foundation was over excavated at least one foot across the entire trench. There are a few isolated areas along the northern portion of the excavation that may require additional soil remediation. Soils will be excavated and removed in the horizontal and vertical extent based upon laboratory results obtained during the geoprobe investigation. Additional soil samples will likely be collected and submitted for laboratory analysis in the vertical extent once final clean up has been performed for confirmation purposes.

The horizontal extent of the soil contamination has been adequately defined with a geoprobe. The vertical extent of the soil contamination has also been defined with a geoprobe and subsequently with a back hoe. The extent of the vertical contamination is not continuous and was observed in isolated pockets. The total volume of contaminated soil to be removed is estimated to be approximately 600 cubic yards.

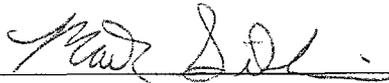
The contaminant of concern is primarily Total Petroleum Hydrocarbon (TPH) in the diesel and motor oil range. No gasoline range hydrocarbons i.e. BTEX have been detected, and soils monitored with a PID for VOCS have shown no volatile organic compounds. Based on the OCD ranking criteria, a target cleanup value of 100 ppm TPH has been established. A C-138 form requesting approval to accept solid waste shall be submitted to the land farm facility detailing the non-exempt waste.

Revised C141 – Submitted January 26, 2009

During the week of October 27 through October 31, 2008, contaminated soil was hauled to T-n-T Environmental Inc in Lindrith, NM. A track hoe excavator was used to perform additional source removal in the areas identified with high TPH concentrations in the soil. Clean backfill was brought in to the Star Lake facility to fill the void from the foundation and soil removal. Approximately 1000 yards of contaminated soil were hauled to T-n-T for disposal. Prior to hauling, a C138 form requesting approval to accept the waste was submitted to T-n-T. Each truck load was tested in the field for chlorides prior to acceptance. Copies of the commercial land farm haul tickets are provided as attachment in the Appendix of the closure report

On December 11, 2008, Delphi conducted additional vertical profiling with a direct push geoprobe in the area previously identified as having petroleum contamination. Four borings were performed at depths ranging from 17.5 to 21-feet below ground surface. In each of these boreholes a hard sand stone layer was encountered preventing the sample core from advancing. Samples of the broken sandstone were collected and submitted for laboratory analysis for BTEX by EPA Method 8021, and for TPH by EPA Method 8015B for GRO, DRO, and MRO. The results revealed one boring, SB-3A-@ 21' below ground surface, to contain TPH in the motor oil range (MRO) of 360 mg/l. Figure 3 shows the location of the soil borings with corresponding laboratory analysis, and Table 1 provides a summary of the laboratory analysis performed. Select photographs showing the remediation and vertical geoprobe profiling are provided as reference.

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: Mark Sikelianos		Approved by District Supervisor:	
Title: Senior Scientist		Approval Date:	Expiration Date:
E-mail Address: mark.sikelianos@pnmresources.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: January 26, 2009	Phone: 505 241-2024		

* Attach Additional Sheets If Necessary

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-138
Revised March 12, 2007

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:

PNM, Alvarado Square, Albuquerque, NM 87158-2104

2. Originating Site:

PNM Star Lake Compressor Station

3. Location of Material (Street Address, City, State or ULSTR):

NW 1/4 of Section 34, T20N, R6W

4. Source and Description of Waste:

Petroleum contaminated soil from natural gas compressor engines. The petroleum is primarily oil and lube oil used for servicing and maintaining the compressors. The contaminant is Total Petroleum Hydrocarbons (TPH) in the higher range. No BTEX or volatile constituents were found in laboratory analysis. Metals concentrations and RCRA characteristics are "Non-Hazardous."

Estimated Volume 800 yd³ bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd³ / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Claudette Horn *[Signature]*, representative or authorized agent for PNM do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC. *Per TNT Schmitz Ranch (10/27/08), paint filter and chloride tests will be performed and documented upon arrival at the landfarm.* *[Signature]*

5. Transporter:

Foutz & Bursum Construction

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #:

Address of Facility:

Method of Treatment and/or Disposal:

Evaporation Injection Treating Plant Landfarm Landfill Other

Waste Acceptance Status:

APPROVED

DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

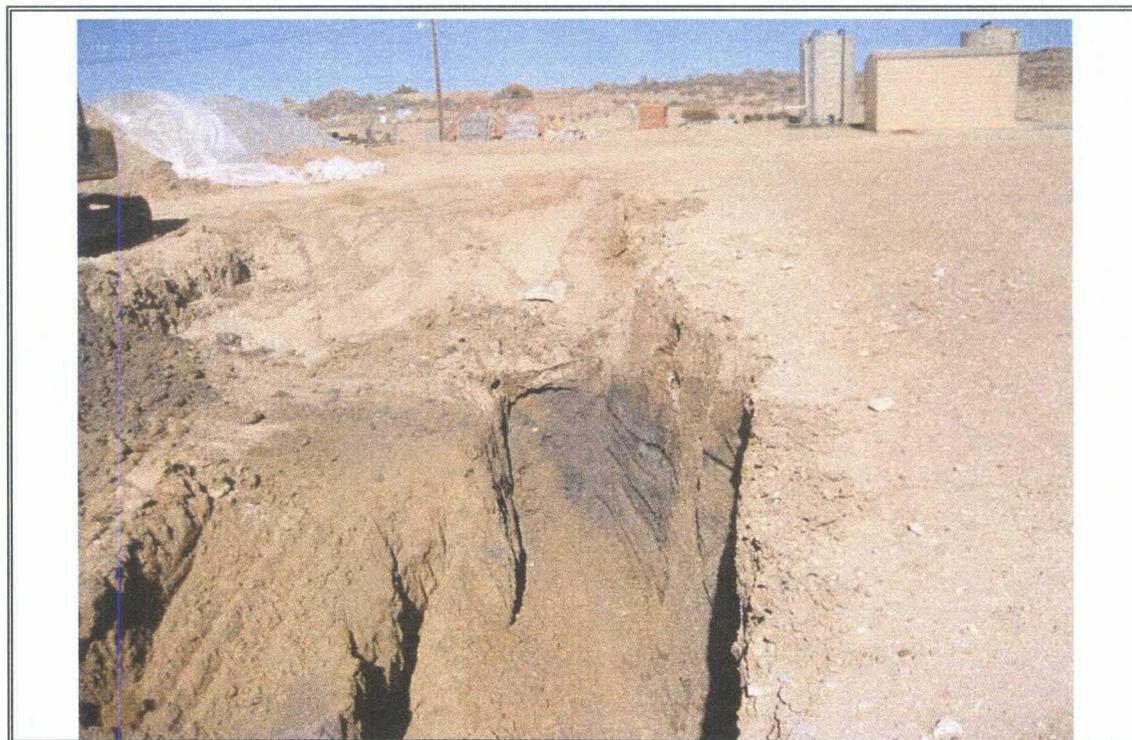
SIGNATURE: _____ TELEPHONE NO.: _____

Surface Waste Management Facility Authorized Agent

**APPENDIX B
PHOTOGRAPHS**



Photograph Number 1: View of remediation along east wall of former Clark building.



Photograph Number 2: View to the north of remediation along east wall of former Clark building.



Photograph Number 3: View to the northeast of remediation along east wall of former Clark building



Photograph Number 4: View of east wall of former Clark building.



Photograph Number 5: View of contaminated soil staged west of the former Clark building.



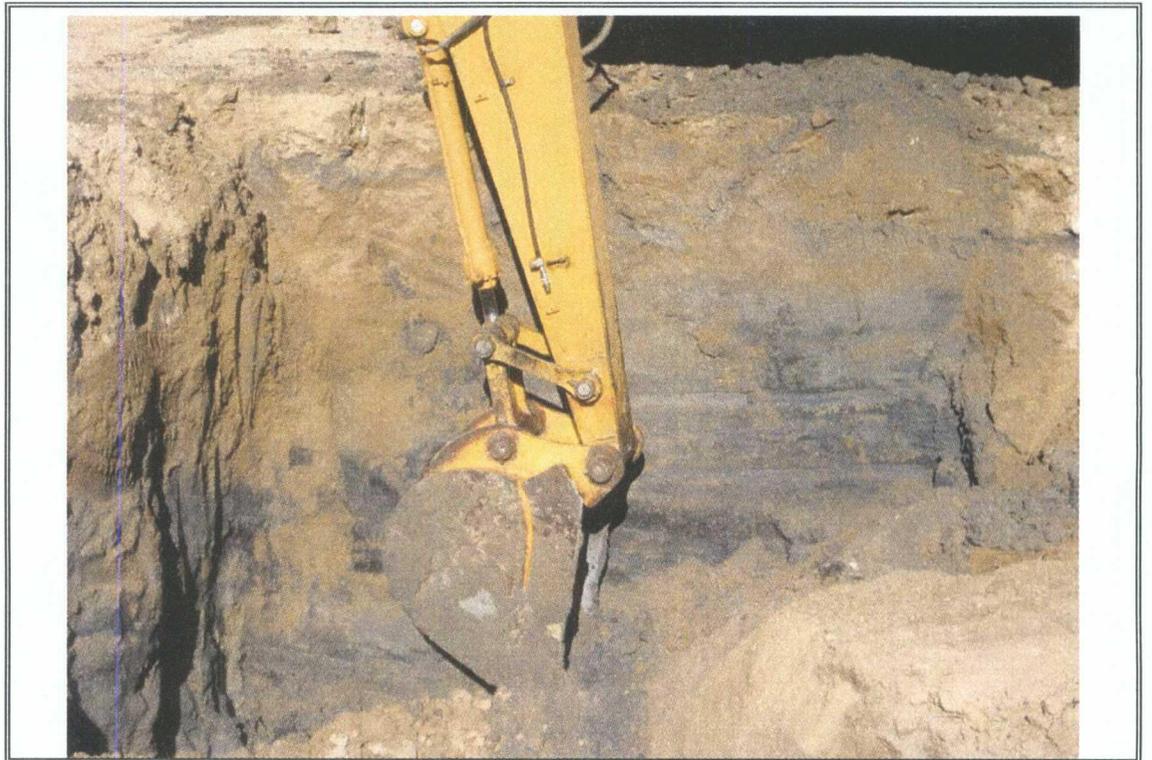
Photograph Number 6: View of contaminated soil staged west of the former Clark building.



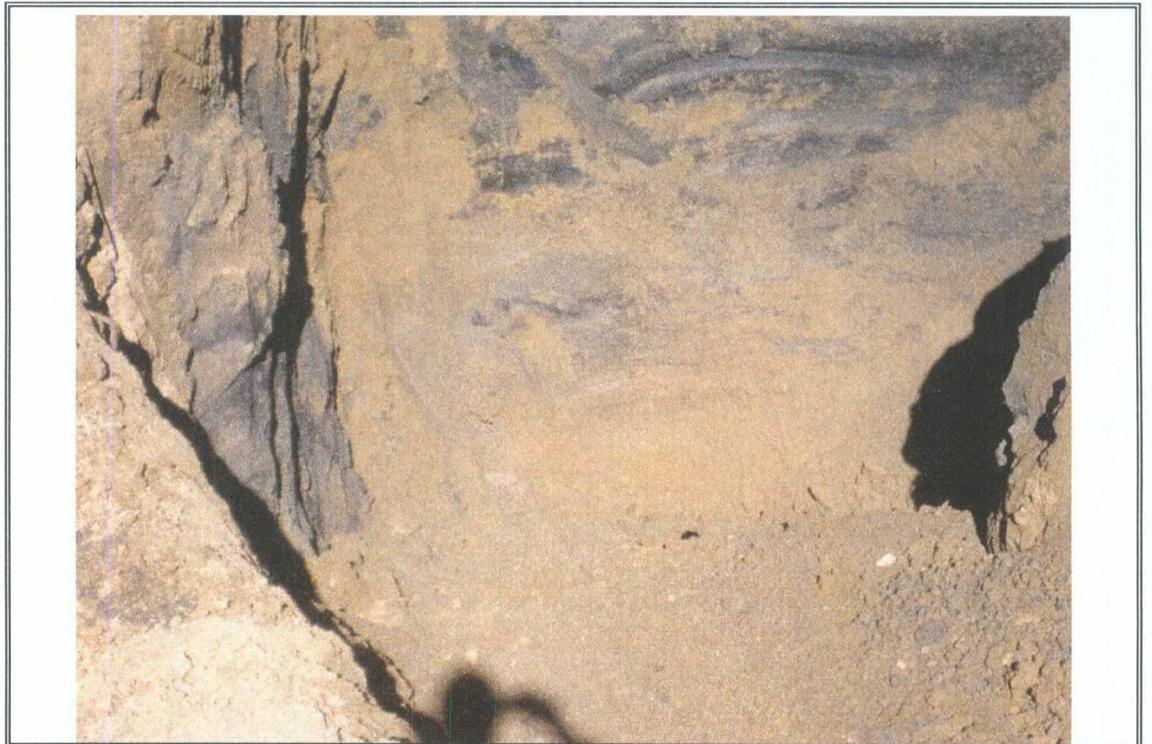
Photograph Number 7: View of remediation along the west wall of the former Clark building.



Photograph Number 8: View of remediation along the west wall of the former Clark building.



Photograph Number 9: View of remediation along the west wall of the former Clark building.



Photograph Number 10: View of remediation along the west wall of the former Clark building at a depth of 15-feet below ground surface.



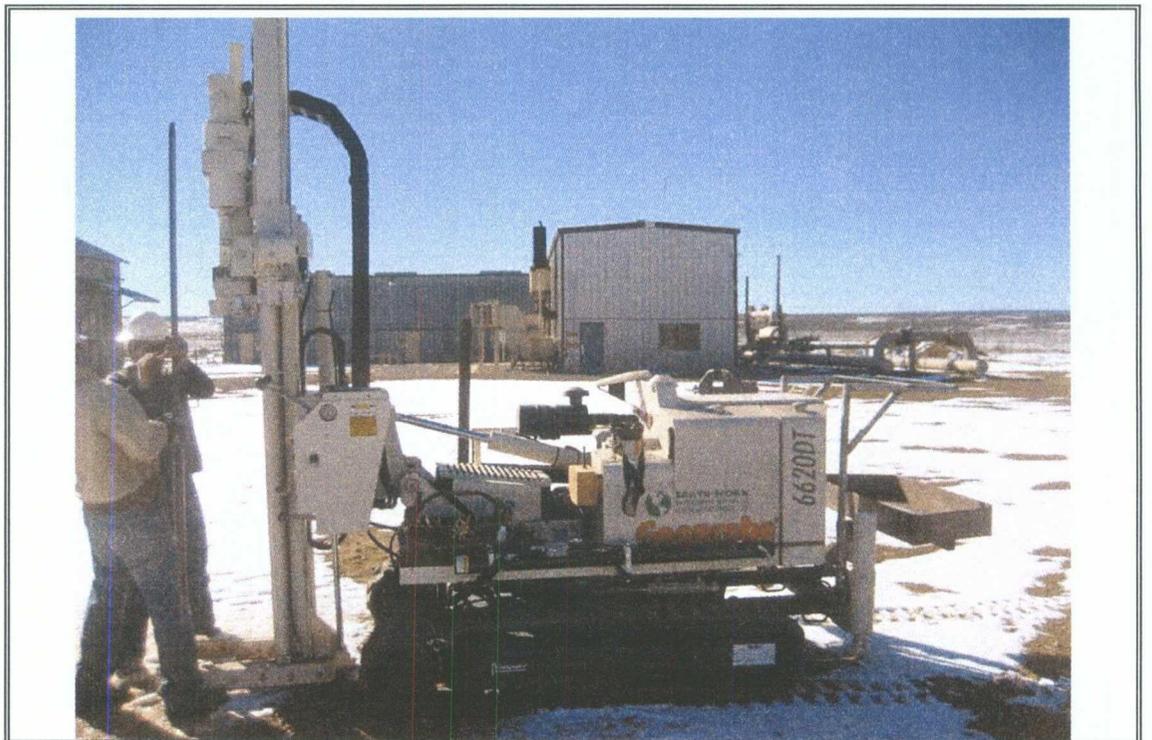
Photograph Number 11: View of contaminated soil staged for transport to TNT Land Farm.



Photograph Number 12: View of the former Clark building in process of backfilling.



Photograph Number 13: View of the former Clark building in process of backfilling.



Photograph Number 14: View to the south of geo probe direct push unit performing soil borings.



Photograph Number 15: View to the east of geo probe direct push unit performing soil borings



Photograph Number 16: View to the south of geo probe direct push unit performing soil borings.



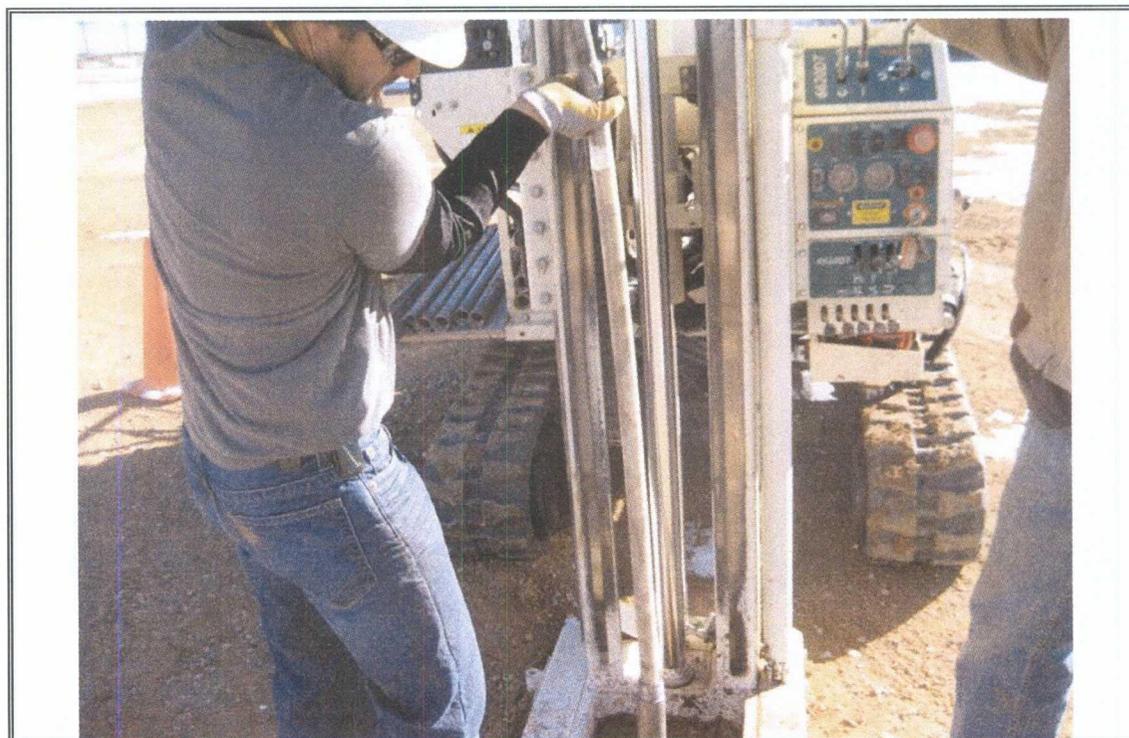
Photograph Number 17: View to the south of geo probe direct push unit performing soil borings.



Photograph Number 18: View to the west of geo probe direct push unit performing soil borings



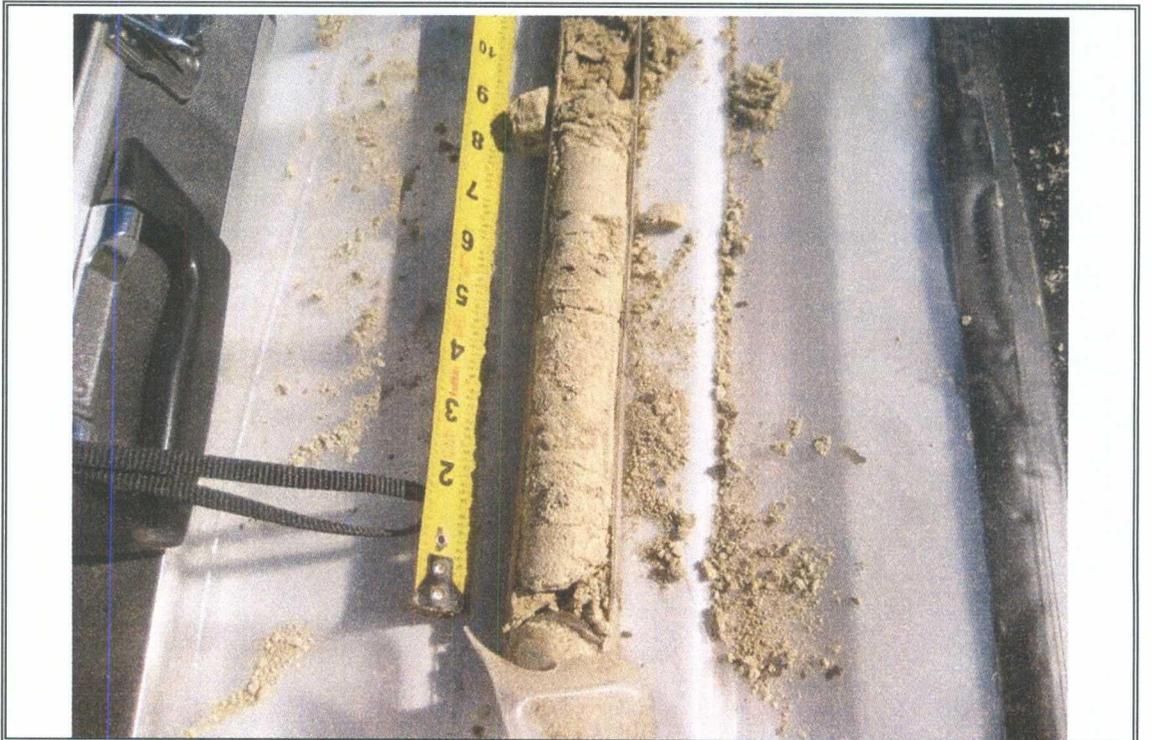
Photograph Number 19: View of sandstone encountered at approximately 17.5 feet below ground surface. The sand stone became harder at depth with geo probe refusal ranging from 17.5 to 21 feet below ground surface.



Photograph Number 20: View of polycarbonate sample core.



Photograph Number 21: View of polycarbonate sample core.



Photograph Number 22: View of polycarbonate sample core. Sandstone refusal occurred at approximately 18 to 21 feet below ground surface.

**APPENDIX C
LABORATORY ANALYSIS SOILS**



COVER LETTER

Wednesday, December 17, 2008

Claudette Horn
PNM
Alvarado Square MS 2104
Albuquerque, NM 87158

TEL: (505) 241-2019
FAX (505) 241-4306

RE: Star Lake

Order No.: 0812244

Dear Claudette Horn:

Hall Environmental Analysis Laboratory, Inc. received 4 sample(s) on 12/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 17-Dec-08

CLIENT: PNM Client Sample ID: SB-1A@17.5'
 Lab Order: 0812244 Collection Date: 12/11/2008 11:30:00 AM
 Project: Star Lake Date Received: 12/11/2008
 Lab ID: 0812244-01 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/16/2008
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/16/2008
Surr: DNOP	81.5	61.7-135		%REC	1	12/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/16/2008 1:27:04 AM
Surr: BFB	92.9	58.8-123		%REC	1	12/16/2008 1:27:04 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/16/2008 1:27:04 AM
Benzene	ND	0.050		mg/Kg	1	12/16/2008 1:27:04 AM
Toluene	ND	0.050		mg/Kg	1	12/16/2008 1:27:04 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/16/2008 1:27:04 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/16/2008 1:27:04 AM
Surr: 4-Bromofluorobenzene	92.9	66.8-139		%REC	1	12/16/2008 1:27:04 AM

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Estimated value H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit RL Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 17-Dec-08

CLIENT: PNM Client Sample ID: SB-2A@17.5'
 Lab Order: 0812244 Collection Date: 12/11/2008 11:55:00 AM
 Project: Star Lake Date Received: 12/11/2008
 Lab ID: 0812244-02 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/16/2008
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/16/2008
Surr: DNOP	63.8	61.7-135		%REC	1	12/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/16/2008 1:57:29 AM
Surr: BFB	92.3	58.8-123		%REC	1	12/16/2008 1:57:29 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/16/2008 1:57:29 AM
Benzene	ND	0.050		mg/Kg	1	12/16/2008 1:57:29 AM
Toluene	ND	0.050		mg/Kg	1	12/16/2008 1:57:29 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/16/2008 1:57:29 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/16/2008 1:57:29 AM
Surr: 4-Bromofluorobenzene	92.7	68.8-139		%REC	1	12/16/2008 1:57:29 AM

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Estimated value H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit RL Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 17-Dec-08

CLIENT: PNM	Client Sample ID: SB-3A@21'
Lab Order: 0812244	Collection Date: 12/11/2008 12:23:00 PM
Project: Star Lake	Date Received: 12/11/2008
Lab ID: 0812244-03	Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	52	10		mg/Kg	1	12/16/2008
Motor Oil Range Organics (MRO)	360	50		mg/Kg	1	12/16/2008
Surr: DNOP	94.6	61.7-135		%REC	1	12/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/16/2008 2:27:42 AM
Surr: BFB	90.8	58.8-123		%REC	1	12/16/2008 2:27:42 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/16/2008 2:27:42 AM
Benzene	ND	0.050		mg/Kg	1	12/16/2008 2:27:42 AM
Toluene	ND	0.050		mg/Kg	1	12/16/2008 2:27:42 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/16/2008 2:27:42 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/16/2008 2:27:42 AM
Surr: 4-Bromofluorobenzene	90.2	66.8-139		%REC	1	12/16/2008 2:27:42 AM

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Estimated value	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL Reporting Limit
	S Spike recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Date: 17-Dec-08

CLIENT: PNM
 Lab Order: 0812244
 Project: Star Lake
 Lab ID: 0812244-04

Client Sample ID: SB-4A@19'
 Collection Date: 12/11/2008 12:50:00 PM
 Date Received: 12/11/2008
 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/16/2008
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/16/2008
Surr: DNOP	80.8	61.7-135		%REC	1	12/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/16/2008 2:58:10 AM
Surr: BFB	94.7	58.8-123		%REC	1	12/16/2008 2:58:10 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/16/2008 2:58:10 AM
Benzene	ND	0.050		mg/Kg	1	12/16/2008 2:58:10 AM
Toluene	ND	0.050		mg/Kg	1	12/16/2008 2:58:10 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/16/2008 2:58:10 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/16/2008 2:58:10 AM
Surr: 4-Bromofluorobenzene	95.1	66.8-139		%REC	1	12/16/2008 2:58:10 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

QA/QC SUMMARY REPORT

Client: PNM
 Project: Star Lake

Work Order: 0812244

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics									
Sample ID: MB-17840		MBLK							
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-17840		LCS							
Diesel Range Organics (DRO)	49.43	mg/Kg	10	98.9	64.6	116			
Sample ID: LCSD-17840		LCSD							
Diesel Range Organics (DRO)	52.02	mg/Kg	10	104	64.6	116	5.11	17.4	

Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0812244-01A MSD		MSD							
Gasoline Range Organics (GRO)	27.89	mg/Kg	5.0	112	69.5	120	4.66	11.6	
Sample ID: 0812244-01A MS		MS							
Gasoline Range Organics (GRO)	29.22	mg/Kg	5.0	117	69.5	120			

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name PNM

Date Received:

12/11/2008

Work Order Number 0812244

Received by: TLS

Checklist completed by:

Signature

[Handwritten Signature]

12/11/08
Date

Sample ID labels checked by:

[Handwritten Initials]
Initials

Matrix: Carrier name Client drop-off

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Preservation labels on bottle and cap match? Yes No N/A
- Water - pH acceptable upon receipt? Yes No N/A
- Container/Temp Blank temperature? 16° <6° C Acceptable
If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

**APPENDIX D
LABORATORY ANALYSIS GROUND WATER**

PINNACLE LABS

Environmental Testing

Pinnacle Lab ID number 801050
March 10, 2008

METRIC CORPORATION
P.O. BOX 1591
LOS LUNAS, NM 87031

Project Name STARLAKE #3
Project Number (NONE)

Attention: DON BRIGGS

On 1/15/2008 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

At the request of the client, the analysis for chromium was tested at a second laboratory. The new analysis determined that no chromium was present at MDL. It is believed that the original data was in error.

EPA Method 8015 was performed by Pinnacle Laboratories, Inc. (PLI).

Total Coliform analyses was performed by International Lubrication and Fuel Consultants, Inc. (ILFC), Rio Rancho, NM.

EPA Method 8015 Ethylene Glycol analyses was performed by TestAmerica, Inc. (TA), Pensacola, FL.

RA226/RA228 and Gross A/B analyses were performed by General Engineering Laboratories LLC (GEL), Charleston, SC.

Additional chromium analyses was performed by Apex Labs, Tigard, OR.

All remaining analyses were performed by Flowers Chemical Laboratories, Inc. (FCL), Altamonte Springs, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.



H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABS

Environmental Testing

CLIENT	: METRIC CORPORATION	PINNACLE ID	: 801050
PROJECT #	: (NONE)	DATE RECEIVED	: 1/15/2008
PROJECT NAME	: STARLAKE #3	REPORT DATE	: 3/10/2008
PINNACLE			DATE
ID #	CLIENT DESCRIPTION	MATRIX	COLLECTED
801050 - 01	STARLAKE #2	AQUEOUS	1/15/2008

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015B GRO
 CLIENT : METRIC CORPORATION
 PROJECT # : (NONE)
 PROJECT NAME : STARLAKE #3

PINNACLE I.D. : 801050
 ANALYST : ARM

SAMPLE		DATE	DATE	DATE	DIL.	
ID. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	STARLAKE #2	AQUEOUS	01/15/08	NA	01/16/08	1
PARAMETER	DET. LIMIT	UNITS	STARLAKE #2			
FUEL HYDROCARBONS	100	UG/L	< 100			
HYDROCARBON RANGE			C6-C10			
HYDROCARBONS QUANTITATED USING			GASOLINE			

SURROGATE:
 BROMOFLUOROBENZENE (%) 102
 SURROGATE LIMITS (80 - 120)

CHEMIST NOTES:
 N/A

GAS CHROMATOGRAPHY RESULTS
METHOD BLANK

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 801050
BLANK I.D.	: 011608B	DATE EXTRACTED	: NA
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 01/16/08
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	ANALYST	: ARM

PARAMETER	UNITS	
FUEL HYDROCARBONS	UG/L	<100
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE
SURROGATE:		
BROMOFLUOROBENZENE (%)		104
SURROGATE LIMITS	(80 - 120)	

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 801050
BATCH ID	: 011608B	DATE EXTRACTED	: NA
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 01/16/08
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	UNITS	: UG/L

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<100	1000	1080	108	1030	103	5	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING GASOLINE									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 801050
SAMPLE ID	: 801050-01	DATE EXTRACTED	: NA
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 01/16/08
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<100	1000	1070	107	1040	104	3	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING GASOLINE									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
 CLIENT : METRIC CORPORATION
 PROJECT # : (NONE)
 PROJECT NAME : STARLAKE #3

PINNACLE I.D. : 801050
 ANALYST : STH

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	STARLAKE #2	AQUEOUS	1/15/2008	1/21/2008	1/22/2008	1
PARAMETER	DET. LIMIT	UNITS	STARLAKE #2			
FUEL HYDROCARBONS, C10-C22	1.0	MG/L	< 1.0			
FUEL HYDROCARBONS, C22-C36	1.0	MG/L	< 1.0			

SURROGATE:
 O-TERPHENYL (%) 97
 SURROGATE LIMITS (70-130)

CHEMIST NOTES:
 N/A

GAS CHROMATOGRAPHY RESULTS
METHOD BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 801050
BLANK I.D.	: 012108FW	DATE EXTRACTED	: 1/21/2008
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 1/22/2008
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	ANALYST	:

PARAMETER	UNITS		
FUEL HYDROCARBONS, C10-C22	MG/L	< 1.0	
FUEL HYDROCARBONS, C22-C36	MG/L	< 1.0	
SURROGATE:			
O-TERPHENYL (%)		99	
SURROGATE LIMITS	(70-130)		

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 801050
BATCH ID	: 012108FW	DATE EXTRACTED	: 1/21/2008
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 1/22/2008
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	UNITS	: MGL

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED BLANK	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<1.0	200	178	89	173	87	3	(75-125)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING DIESEL FUEL									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 801050
SAMPLE ID	: 801050-01	DATE EXTRACTED	: 1/21/2008
CLIENT	: METRIC CORPORATION	DATE ANALYZED	: 1/22/2008
PROJECT #	: (NONE)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: STARLAKE #3	UNITS	: MG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<1.0	200	169	85	173	87	2	(70-130)	20
HYDROCARBON RANGE	C10-C32								
HYDROCARBONS QUANTITATED USING DIESEL FUEL									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



**International
Lubrication and
Fuel Consultants Inc.**
Creating the standards for industry.

Water Microbiology Report

WSS Name Not Given

WSS Code Not Given

Submitter Code Not Given

Collected By Not Given

Sample Location Starlake #2 /801050-01
(address or physical)

Date Collected 1/15/08

Time Collected 10:00

City, Town, Village Not Given

Type of System Not Given

County Not Given

Disinfected Not Given

Reason for Sampling Not Given

Residual (mg/L) N/A

ILFC, Inc Batch Number 1602

Date Received 1/16/08

ILFC, Inc Sample Number 7885

Time Received 8:45 AM

Date Cultured 1/16/08

Date Completed 1/17/08

Analyst MU

Time Cultured 9:00 AM

Time Completed 8:58 AM

Test Method SM9223

Results

Total Coliforms Absent

E coli Absent

Analyst Signature

These laboratory results are intended to be helpful and informative. They are based on our experience, current industry testing procedures, proper sampling procedure and information provided with the sample, which we believe to be reliable. We cannot assume responsibility for any loss or accident that may result from the use of the information given here. This report shall not be reproduced except in full, without the written approval of our laboratory.

Thursday, January 17, 2008 9:06:54 AM

NM Dept. of Health Certification No. 0502

Mail: P.O. Box15212 • Rio Rancho, NM 87174
Deliveries: 521 Quantum Road • Rio Rancho, NM 87124
Phone: (505) 892-1666 –or– (800) 237-4532
Fax: (505) 892-9601
Visit our website: <http://www.ilfcinc.com>
E-mail: ilfcinc@ilfcinc.com

Pinnacle Laboratories, Inc.

LAB Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
 2709-D Pan American Freeway, NE
 Albuquerque, NM 87107
 (505) 344-3777 Fax (505) 344-4413

Interlab Chain of Custody

Date: 11/15/08 Page: 1 of 1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	TOC	Gen Chemistry:	Volatle Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Starlake #2 / 801050-01	11/15/08	1000	DW							X													

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT #:	801050	Total Number of Containers		PENSACOLA - STL-FL		Signature:	<i>[Signature]</i>	Signature:	<i>[Signature]</i>
PROJ. NAME:	MC	Chain of Custody Seals		ESL - OR		Time:	7:30	Time:	8:40
QC LEVEL:	STD. IV	Received Intact?		ATEL - AZ		Printed Name:	MANUEL TORRES	Printed Name:	PAULUS RUBENSON
AG-REQUIRED:	MS MSD BLANK	Received Good Cond./Cold		ATEL - MARION		Date:	11/15/08	Date:	11/16/08
TAT:	STANDARD RUSH!!	LAB NUMBER:		ATEL - MELMORE		Company:	Pinnacle Laboratories, Inc.	Company:	
DUE DATE:	1/18	COMMENTS:	T=30C	FCL		1. RECEIVED BY:		1. RECEIVED BY:	
RUSH SURCHARGE:	=			EHL		Signature:	<i>[Signature]</i>	Signature:	<i>[Signature]</i>
CLIENT DISCOUNT:	=			GEL		Time:	8:45 AM	Time:	940
SPECIAL CERTIFICATION				WCAS		Date:		Date:	11/15/08
REQUIRED YES NO	DW			IWOHL		Printed Name:	Desiree Quintana	Printed Name:	Desiree Quintana
				TLFC	X				

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report for

PINL001 Pinnacle Labs, INC

Client SDG: 801050 GEL Work Order: 200990

The Qualifiers in this report are defined as follows:

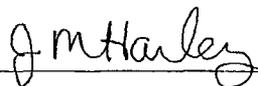
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
- ND The analyte concentration is not detected above the detection limit.

The above sample is reported on an "as received" basis.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Joanne Harley.

Reviewed by



GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : Pinnacle Labs, Inc
 Address : 2709D Pan American Freeway NE
 Albuquerque, New Mexico 87107
 Contact: Mr. Mitch Rubenstein
 Project: Radiochemistry Drinking Water

Report Date: January 25, 2008

Client Sample ID:	Starlake#2/801050-01	Project:	PINL00504
Sample ID:	200990001	Client ID:	PINL001
Matrix:	Drinking Water (Potable)		
Collect Date:	15-JAN-08		
Receive Date:	16-JAN-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch
Rad Gas Flow Proportional Counting												
<i>Gross Alpha/Beta in Drinking Water EPA 900.0</i>												
Alpha	U	7.26	+/-5.69	8.95	+/-5.90	3.00	pCi/L		HAK	01/24/08	1931	721053
Beta	U	5.92	+/-4.97	8.20	+/-5.04	4.00	pCi/L		B			
<i>Radium-228 in Drinking Water EPA 904.0</i>												
Radium-228	U	0.241	+/-0.304	0.517	+/-0.307	1.00	pCi/L		KSD1	01/21/08	1309	718841
Rad Radium-226												
<i>Radium-226 in Drinking Water EPA 903.1 (De-emanati</i>												
Radium-226		0.921	+/-0.463	0.415	+/-0.481	1.00	pCi/L		DXM	01/24/08	1230	718795
									2			

The following Analytical Methods were performed

Method	Description
1	EPA 900.0
2	EPA 900.0
3	EPA 900.0
4	EPA 900.0
5	EPA 904.0
6	EPA 903.1

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium Carrier	Radium-228 in Drinking Water EF	99	(25%-125%)
Yttrium Carrier	Radium-228 in Drinking Water EF	77	(25%-125%)

Notes:

The Qualifiers in this report are defined as follows :

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : Pinnacle Labs, Inc
Address : 2709D Pan American Freeway NE

Albuquerque, New Mexico 87107
Contact: Mr. Mitch Rubenstein
Project: Radiochemistry Drinking Water

Report Date: January 25, 2008

Client Sample ID: Starlake#2/801050-01
Sample ID: 200990001

Project: PINL00504
Client ID: PINL001

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time Batch
-----------	-----------	--------	-------------	----	-----	----	-------	----	---------	------	------------

BD Results are either below the MDC or tracer recovery is low
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
H Analytical holding time was exceeded
J Value is estimated
M M if above MDC and less than LLD
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
UI Gamma Spectroscopy—Uncertain identification
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: January 25, 2008
Page 1 of 3

Client : Pinnacle Labs, Inc
2709D Pan American Freeway NE

Contact: Albuquerque, New Mexico
Mr. Mitch Rubenstein

Workorder: 200990

Sample Name	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch	718841									
QC1201498094	200990001	DUP								
Radium-228		U	0.241	U	-0.0359	pCi/L	0		N/A KSDI	01/21/0813:09
		Uncert:	+/-0.304		+/-0.360					
		TPU:	+/-0.307		+/-0.360					
QC1201498096	LCS									
Radium-228		8.16		8.21	pCi/L		101	(80%-120%)		01/21/0813:09
		Uncert:		+/-1.19						
		TPU:		+/-1.78						
QC1201498093	MB									
Radium-228				U	0.407	pCi/L				01/21/0813:09
		Uncert:			+/-0.302					
		TPU:			+/-0.309					
QC1201498095	200990001	MS								
Radium-228		24.5	U	0.241	25.8	pCi/L		105 (70%-130%)		01/21/0813:09
		Uncert:		+/-0.304	+/-3.69					
		TPU:		+/-0.307	+/-5.56					
Batch	721053									
QC1201502626	200990001	DUP								
Alpha		U	7.26	U	5.57	pCi/L	0		N/AHAKB	01/24/0819:40
		Uncert:	+/-5.69		+/-5.23					
		TPU:	+/-5.90		+/-5.40					
Beta		U	5.92	U	4.60	pCi/L	0		N/A	
		Uncert:	+/-4.97		+/-4.59					
		TPU:	+/-5.04		+/-4.63					
QC1201502629	LCS									
Alpha		579		615	pCi/L		106	(80%-120%)		01/24/0815:12
		Uncert:		+/-60.2						
		TPU:		+/-151						
Beta		1640		1650	pCi/L		100	(80%-120%)		
		Uncert:		+/-71.5						
		TPU:		+/-227						
QC1201502625	MB									
Alpha				U	-0.123	pCi/L				01/24/0819:41
		Uncert:			+/-2.77					
		TPU:			+/-2.77					
Beta				U	2.84	pCi/L				
		Uncert:			+/-3.67					
		TPU:			+/-3.69					
QC1201502627	200990001	MS								
Alpha		11600	U	7.26	9210	pCi/L		80 (70%-130%)		01/24/0815:12
		Uncert:	+/-5.69		+/-1090					
		TPU:	+/-5.90		+/-2390					
Beta		32900	U	5.92	35600	pCi/L		108 (70%-130%)		
		Uncert:	+/-4.97		+/-1500					

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: 200990

Page 2 of 3

Sample Name	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow									
Batch 721053									
TPU: +/-5.04 +/-4870									
QC1201502628	200990001 MSD								
Alpha		11600 U	7.26	9420	pCi/L	2	81 (0%-20%)		01/24/0815:12
Uncert: +/-5.69 +/-1090									
TPU: +/-5.90 +/-2420									
Beta		32900 U	5.92	34700	pCi/L	2	106 (0%-20%)		
Uncert: +/-4.97 +/-1470									
TPU: +/-5.04 +/-4750									
Rad Ra-226									
Batch 718799									
QC1201497955	200990001 DUP								
Radium-226			0.921 U	0.431	pCi/L	73	(0% - 100%) DXM2		01/24/0812:30
Uncert: +/-0.463 +/-0.447									
TPU: +/-0.481 +/-0.451									
QC1201497957	LCS								
Radium-226		40.1		32.1	pCi/L		80 (80%-120%)		
Uncert: +/-2.55									
TPU: +/-5.34									
QC1201497954	MB								
Radium-226			U	0.316	pCi/L				
Uncert: +/-0.326									
TPU: +/-0.329									
QC1201497956	200990001 MS								
Radium-226		120	0.921	107	pCi/L		88 (80%-120%)		
Uncert: +/-0.463 +/-8.23									
TPU: +/-0.481 +/-17.1									

Notes:

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- H Analytical holding time was exceeded
- J Value is estimated
- M M if above MDC and less than LLD
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- R Sample results are rejected

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QC Summary

Workorder: 200990

Page 3 of 3

Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
U	Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.									
UI	Gamma Spectroscopy--Uncertain identification									
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
Y	QC Samples were not spiked with this compound									
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.									
h	Preparation or preservation holding time was exceeded									

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

** Indicates analyte is a surrogate compound.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

RADIOLOGICAL ANALYSIS

**Radiochemistry Case Narrative
Pinnacle Labs, INC (PINL)
SDG 801050**

Method/Analysis Information

Product: Gross Alpha/Beta in Drinking Water EPA 900.0

Analytical Method: EPA 900.0

Analytical Batch Number: 721053

Sample ID	Client ID
200990001	Starlake#2/801050-01
1201502625	Method Blank (MB)
1201502626	200990001(Starlake#2/801050-01) Sample Duplicate (DUP)
1201502627	200990001(Starlake#2/801050-01) Matrix Spike (MS)
1201502628	200990001(Starlake#2/801050-01) Matrix Spike Duplicate (MSD)
1201502629	Laboratory Control Sample (LCS)

The sample in this SDG was analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001 REV# 11.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The initial Calibration was performed in June 2007. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 200990001 (Starlake#2/801050-01). The QC was from PINL work order 200990.

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:**Holding Time**

All sample procedures for this sample set were performed within the required holding time.

Preparation Information

All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis

Samples were reprepared due to low/high recovery.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

None of the samples have been flamed.

Miscellaneous Information:**NCR Documentation**

Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments

Samples 1201502625 (MB), 1201502626 (Starlake#2/801050-01) and 200990001 (Starlake#2/801050-01) did not meet the alpha required detection limit due to low sample volume. No more volume could be used due to not exceeding the maximum net weight limit. The samples counted for 500 minutes. Samples 1201502625 (MB), 1201502626 (Starlake#2/801050-01) and 200990001 (Starlake#2/801050-01) did not meet the beta required detection limit due to low sample volume. No more volume could be used due to not exceeding the maximum net weight limit. The samples counted for 500 minutes.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product: Radium-228 in Drinking Water EPA 904.0
Analytical Method: EPA 904.0
Analytical Batch Number: 718841

Sample ID	Client ID
200990001	Starlake#2/801050-01
1201498093	Method Blank (MB)
1201498094	200990001(Starlake#2/801050-01) Sample Duplicate (DUP)
1201498095	200990001(Starlake#2/801050-01) Matrix Spike (MS)
1201498096	Laboratory Control Sample (LCS)

The sample in this SDG was analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-030 REV# 10.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The initial Calibration was performed in February 2007.

Standards Information

Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 200990001 (Starlake#2/801050-01). The QC was from PINL work order 200990.

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Preparation Information

All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Miscellaneous Information:**NCR Documentation**

Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments

Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product: Radium-226 in Drinking Water EPA 903.1 (De-emanati
Analytical Method: EPA 903.1
Analytical Batch Number: 718799

Sample ID	Client ID
200990001	Starlake#2/801050-01
1201497954	Method Blank (MB)
1201497955	200990001(Starlake#2/801050-01) Sample Duplicate (DUP)
1201497956	200990001(Starlake#2/801050-01) Matrix Spike (MS)
1201497957	Laboratory Control Sample (LCS)

The sample in this SDG was analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-028 REV# 8.

Calibration Information:**Calibration Information**

All initial and continuing calibration requirements have been met. The initial Calibrations were performed in January 2007, February 2007, June 2007, December 2007 and January 2008.

Standards Information

Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 200990001 (Starlake#2/801050-01). The QC was from PINL work order 200990.

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Preparation Information

All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis

Samples were degassed and recounted due to low matrix spike recovery.

Miscellaneous Information:

NCR Documentation

Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments

Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer/Date: _____

Kath Bell 11/25/08

List of current GEL Certifications as of 25 January 2008

State	Certification
Alaska	UST-062
Arizona	AZ0668
Arkansas	88-0651
CLIA	42D0904046
California	01151CA
Colorado	GenEngLabs
Connecticut	PH-0169
Dept. of Navy	NFESC 413
EPA	WG-15J
Florida/NELAP	E87156
Georgia	E87156 (FL/NELAP)
Hawaii	N/A
Idaho	N/A
Illinois	200029
Indiana	C-SC-01
Kansas	E-10332
Kentucky	90129
Louisiana	03046
Maryland	270
Massachusetts	M-SC012
Michigan	9903
Nevada	SC12
New Jersey	SC002
New Mexico	FL NELAP E87156
New York	11501
North Carolina	233
North Carolina Drinking W	45709
North Dakota	R-158
Oklahoma	9904
Pennsylvania	68-00485
South Carolina	10120001/10585001/10120002
Tennessee	02934
Texas NELAP	T104704235-07-TX
U.S. Dept. of Agriculture	S-52597
US Army Corps of Engineer	N/A
Utah	8037697376 GEL
Vermont	VT87156
Virginia	00151
Washington	C1641

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
 2709-D Pan American Freeway, NE
 Albuquerque, NM 87107
 (505) 344-3777 Fax (505) 344-4413

Need results 1/23/08. or ASAP!

RUSH!

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
Starlake #2 801050-01	1/15/08	1000	DW	

RUSH!

ANALYSIS REQUEST

Gen Chemistry:	TOC	Dissolved Fe, Mn, Pb (6010)	Metals-TAL (23 Metals)	Metals-13 PP List	TCLP RCRA (8) Metals	Metals (8) RCRA	Volatle Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS	

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	RELINQUISHED BY:	RELINQUISHED BY:
PROJECT #: 801050	Total Number of Containers	PENSACOLA - STL-FL	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
PROJ. NAME: MC	Chain of Custody Seals	ESL - OR	Time: 1700	Time:
OC LEVEL: STD IV	Received intact?	ATEL - AZ	Printed Name: Pinnacle Labs	Printed Name:
REQUIRED: MS MSD BLANK	Received Good Cond./Cold	ATEL - MARION	Date: 1/15/08	Date:
TAT: STANDARD RUSH!	LAB NUMBER:	ATEL - MELMORE	Company: Pinnacle Laboratories, Inc.	Company:
COMMENTS:		FCL	RECEIVED BY:	RECEIVED BY:
DUE DATE: 1/23/08		EHL	Signature:	Signature:
RUSH SURCHARGE: 25%		GEL	Time:	Time:
CLIENT DISCOUNT: -		WCAS	Printed Name:	Printed Name:
SPECIAL CERTIFICATION		WOHL	Date:	Date:
REQUIRED (YES) NO DW			Company:	Company:

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Project: MC
Project Number: 801050
Project Manager: Jacinta Tenorio

Reported:
02/25/08 14:09

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Starlake #2 / 801050-01	A802173-01	Water	01/15/08 10:00	02/19/08 10:00

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 2 of 7

Apex Labs

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Pinnacle Laboratories, Inc. 2709-D Pan American Freeway, NE Albuquerque, NM 87107	Project: MC Project Number: 801050 Project Manager: Jacinta Tenorio	Reported: 02/25/08 14:09
--	---	-----------------------------

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
Starlake #2 / 801050-01 (A802173-01)			Matrix: Water					
Chromium	ND	--	1.00	ug/L	1	02/20/08 11:02	EPA 200.8	

DRAFT REPORT

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DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 3 of 7

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Pinnacle Laboratories, Inc. 2709-D Pan American Freeway, NE Albuquerque, NM 87107	Project: MC Project Number: 801050 Project Manager: Jacinta Tenorio	Reported: 02/25/08 14:09
--	---	-----------------------------

QUALITY CONTROL (QC) SAMPLE RESULTS

DRAFT: Total Metals by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8020155 - EPA 3015						Water						
Blank (8020155-BLK1)						Analyzed: 02/19/08 17:26						
EPA 200.8												
Chromium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
LCS (8020155-BS1)						Analyzed: 02/19/08 17:29						
EPA 200.8												
Chromium	116	---	1.00	ug/L	1	111	---	104	85-115%	---	---	---

DRAFT REPORT

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DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 4 of 7

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Pinnacle Laboratories, Inc. 2709-D Pan American Freeway, NE Albuquerque, NM 87107	Project: MC Project Number: 801050 Project Manager: Jacinta Tenorio	Reported: 02/25/08 14:09
--	---	-----------------------------

SAMPLE PREPARATION INFORMATION

Apex Laboratories

Total Metals by EPA 200.8 (ICPMS)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
EPA 3015							
<u>Batch: 8020155</u>							
A802173-01	Water	EPA 200.8	01/15/08 10:00	02/19/08 10:25	45mL/50mL	45mL/50mL	1.00

DRAFT REPORT

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DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 5 of 7

Apex Labs

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Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Project: MC
Project Number: 801050
Project Manager: Jacinta Tenorio

Reported:
02/25/08 14:09

Notes and Definitions

Qualifiers:

Notes and Conventions:

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.

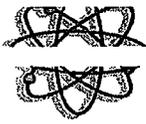
Batch Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Matrix Spike
QC Duplicates, in order to meet or exceed method and regulatory requirements. This report contains only results for Batch QC derived from samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 6 of 7



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407-339-5984 Fax 407-260-6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772-343-8006 Fax 772-343-8089
P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

Pinnacle LaboratoriesDW
2709 D Pan American Freeway NE
Albuquerque, NM 87107

PO #: 801050
Client Project #: MC
Date Sampled: Jan 15, 2008
Jan 22, 2008; Invoice: 57486

Report Summary

Date Received: Jan 16, 2008

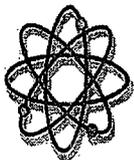
FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
57486DW1	Starlake#2/801050-01	EPA200.8 EPA245.1	EVB EVB	Main Lab Main Lab	Drinking Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.





FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
 8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
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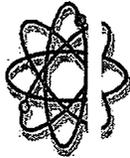
Pinnacle LaboratoriesDW
 2709 D Pan American Freeway NE
 Albuquerque, NM 87107

PO #: 801050
 Client Project #: MC
 Date Sampled: Jan 15, 2008
 Jan 22, 2008; Invoice: 57486

Analysis Report

Lab #: 57486DW Sampled: 01/15/08 10:00 AM Desc: Starlake 2801050-01

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Antimony	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-36-0	01/17/08
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-38-2	01/17/08
Barium	0.0708	mg/L	1.00	0.00200	0.00400	10096871	EPA200.8	7440-39-3	01/17/08
Beryllium	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-41-7	01/17/08
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-43-9	01/17/08
Chromium	0.133	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-47-3	01/17/08
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-02-0	01/17/08
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10096871	EPA200.8	7782-49-2	01/17/08
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10096871	EPA200.8	7440-28-0	01/17/08
Mercury	0.0000170 U	mg/L	1.00	0.0000170	0.0000400	10097106	EPA245.1	7439-97-6	01/22/08



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Pinnacle LaboratoriesDW
2709 D Pan American Freeway NE
Albuquerque, NM 87107

PO #: 801050
Client Project #: MC
Date Sampled: Jan 15, 2008
Jan 22, 2008; Invoice: 57486

Quality Report

Quality Control Batch: 10098874 Analyst: EVB

Blank	Result	Units
Antimony	0.00100U	mg/L
Arsenic	0.00100U	mg/L
Barium	0.00200U	mg/L
Beryllium	0.00100U	mg/L
Cadmium	0.00100U	mg/L
Chromium	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Thallium	0.00100U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
0.0963	mg/L	0.100	96.26	80.00-120.00
0.0962	mg/L	0.100	96.17	80.00-120.00
0.105	mg/L	0.100	105.21	80.00-120.00
0.111	mg/L	0.100	110.77	80.00-120.00
0.100	mg/L	0.100	100.00	80.00-120.00
0.101	mg/L	0.100	101.30	80.00-120.00
0.102	mg/L	0.100	102.01	80.00-120.00
0.0988	mg/L	0.100	98.79	80.00-120.00
0.101	mg/L	0.100	101.37	80.00-120.00

Matrix Spike

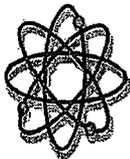
Result	Units	Spike	%REC	%REC Lim	Sample
0.0789	mg/L	0.0800	96.75	80.00-120.00	0.00152
0.103	mg/L	0.0800	128.94	80.00-120.00	0.00100U
0.113	mg/L	0.0800	118.88	80.00-120.00	0.0183
0.0961	mg/L	0.0800	120.18	80.00-120.00	0.00100U
0.0861	mg/L	0.0800	107.61	80.00-120.00	0.00100U

FLDOH: E83018 (Main Lab)

FLDOH: E86562 (South Lab)

FLDOH: E82405 (North Lab)

NJDEP: FL015



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone 407 - 339 - 5984 Fax 407 - 260 - 6110 www.flowerslabs.com
 8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772 - 343 - 8006 Fax 772 - 343 - 8089
 P.O. Box 1200, Madison FL 32341 Phone 850-973-6878 Fax 850-973-6878

Pinnacle LaboratoriesDW
 2709 D Pan American Freeway NE
 Albuquerque, NM 87107

PO #: 801050
 Client Project #: MC
 Date Sampled: Jan 15, 2008
 Jan 22, 2008; Invoice: 57486

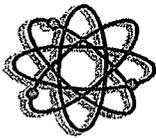
Quality Control Batch: 10096871 Analyst: EVB

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chromium	0.0927	mg/L	0.0800	99.35	80.00-120.00	0.0133	2.55	20.00
Nickel	0.0780	mg/L	0.0800	95.95	80.00-120.00	0.00126	1.04	20.00
Selenium	0.121	mg/L	0.0800	150.96	80.00-120.00	0.00200U	0.43	20.00
Thallium	0.0824	mg/L	0.0800	103.01	80.00-120.00	0.00100U	0.60	20.00
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Antimony	0.0810	mg/L	0.0800	99.30	80.00-120.00	0.00152	2.55	20.00
Arsenic	0.104	mg/L	0.0800	130.29	80.00-120.00	0.00100U	1.04	20.00
Barium	0.113	mg/L	0.0800	118.26	80.00-120.00	0.0183	0.43	20.00
Beryllium	0.0967	mg/L	0.0800	120.90	80.00-120.00	0.00100U	0.60	20.00
Cadmium	0.0843	mg/L	0.0800	105.34	80.00-120.00	0.00100U	2.14	20.00
Chromium	0.0964	mg/L	0.0800	103.96	80.00-120.00	0.0133	3.90	20.00
Nickel	0.0785	mg/L	0.0800	96.50	80.00-120.00	0.00126	0.56	20.00
Selenium	0.125	mg/L	0.0800	156.16	80.00-120.00	0.00200U	3.39	20.00
Thallium	0.0801	mg/L	0.0800	100.09	80.00-120.00	0.00100U	2.88	20.00

Quality Control Batch: 10097106 Analyst: EVB

Blank	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.0000170U	mg/L	0.00300	103.30	92.96-111.03	0.0000170U	0.69	7.47
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00310	mg/L	0.00300	100.70	91.53-113.30	0.0000170U	0.69	7.47
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00302	mg/L	0.00300	101.40	91.53-113.30	0.0000170U	0.69	7.47
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00304	mg/L	0.00300	101.40	91.53-113.30	0.0000170U	0.69	7.47

FLODH: E83018 (Main Lab) FLODH: E86562 (South Lab) FLODH: E82405 (North Lab) NJDEP: FL015



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150697, Altamonte Springs FL 32715-0597 Phone 407-339-5984 Fax 407-260-6110 www.flowerslabs.com
8253 South U.S. Highway 1, Port St. Lucie FL 34952-2860 Phone 772-343-8006 Fax 772-343-8089
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Pinnacle LaboratoriesDW
2709 D Pan American Freeway NE
Albuquerque, NM 87107

PO #: 801050
Client Project #: MC
Date Sampled: Jan 15, 2008
Jan 22, 2008; Invoice: 57486

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
 2709-D Pan American Freeway, NE
 Albuquerque, NM 87107
 (505) 344-3777 Fax (505) 344-4413

Need Heavy Metals results 24-72 hr TAT
 All other 1wk TAT due 1/23/08!!

RUSH!

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	Heavy Metals	TOC	Gen Chemistry: NOx, Ch, F, TDS	SOCs Complete	Grat VOCs I & II	Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Sample # 2801050-01	1/15/08	1000	DW							X		X	X	X									X				

RUSH!

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY:		1. RELINQUISHED BY:		2.	
PROJECT #:	801050	Total Number of Containers		PENSACOLA - STL-FL		Signature:		Signature:		Time:	
PROJ. NAME:	MC	Chain of Custody Seals		ESL - OR		Printed Name:	AMMIE ANN FAD	Printed Name:		Date:	
QC LEVEL:	STD IV	Received Intact?		ATEL - AZ		Signature:		Signature:		Date:	
QC REQUIRED:	MS MSD BLANK	Received Good Cond./Cold		ATEL - MARION		Printed Name:	AMMIE ANN FAD	Printed Name:		Date:	
TAT:	24 HRS RUSH!!	LAB NUMBER:		ATEL - MELMORE		Company:	Pinnacle Laboratories, Inc.	Company:			
DUE DATE:	1/23/08	COMMENTS:		FCL		RECEIVED BY:		1. RECEIVED BY:		2.	
RUSH SURCHARGE:	25%			EHL		Signature:		Signature:		Time:	
CLIENT DISCOUNT:	-			GEL		Printed Name:		Printed Name:		Date:	
SPECIAL CERTIFICATION REQUIRED:	YES/NO DW			WCAS		Company:		Company:			
				WOHL							

Safe Drinking Water Program Laboratory Reporting Form

Inorganic Contaminants Lab ID: 57487DW1 PWS ID: MC Sample ID: Starlake#2/801050-01

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Cert #
1038	Nitrate + Nitrites (N)	10	mg/L	0.0274		EPA353.2	0.00500	01/22/08		E83018
1024	Cyanide	0.2	mg/L	0.00500	U	SM4500CN-E	0.00500	01/22/08		E83018
1025	Fluoride	4.0	mg/L	3.97		EPA300.0	0.200	01/23/08		E83018

Safe Drinking Water Program Laboratory Reporting Form

Secondary Contaminants Lab ID: 57487DW1 PWS ID: MC Sample ID: Starlake#2/801050-01

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Cert #
1025	Fluoride	4.0	mg/L	3.97		EPA300.0	0.200	01/23/08		E83018
1930	Total Dissolved Solids	500	mg/L	2000		SM2540C	2.50	01/17/08		E83018

Safe Drinking Water Program Laboratory Reporting Form

Radionuclides Lab ID: 57487DW1 PWS ID: MC Sample ID: Starlake#2/801050-01

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Cert. #
4006	Combined Uranium	0.030	mg/L	0.00100	U	EPA200.8	0.00100	01/17/08		E83018

Safe Drinking Water Program Laboratory Reporting Form

Lab ID: 57487DW1 PWS ID: MC Sample ID: Starlake#2/801050-01

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	RDL	Analysis Date	Analysis Time	DOH Lab Cert #
	Chloromethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,1,2,2-Tetrachloroethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,1,1,2-Tetrachloroethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	cis-1,3-Dichloropropene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	n-Propylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,1-Dichloroethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Isopropylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Hexachlorobutadiene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,3-Dichlorobenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	trans-1,3-Dichloropropene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	tert-butylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,1-Dichloropropene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	2,2-Dichloropropane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Bromomethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Chloroethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Bromobenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Dibromomethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	4-Chlorotoluene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	sec-butylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Dichlorodifluoromethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,3,5-Trimethylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Bromochloromethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,2,4-Trimethylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,2,3-Trichlorobenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	Fluorotrichloromethane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	2-Chlorotoluene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	1,2,3-Trichloropropane		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
	n-butylbenzene		ug/L	0.500	U	EPA524.2	0.500		01/18/08		E83018
2378	1,2,4,-trichlorobenzene	70	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2380	cis-1,2-Dichloroethylene	70	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2955	Xylenes	1000	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2964	Dichloromethane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2968	o-dichlorobenzene	600	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2969	Para-dichlorobenzene	75	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018
2976	Vinyl Chloride	1	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08		E83018

Safe Drinking Water Program Laboratory Reporting Form

2977	1,1-Dichloroethylene	7	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2979	trans-1,2-Dichloroethylene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2980	1,2-Dichloroethane	3	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2981	1,1,1-trichloroethane	200	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2982	Carbon tetrachloride	3	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2983	1,2-dichloropropane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2984	Trichloroethylene	3	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2985	1,1,2-trichloroethane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2987	Tetrachloroethylene	3	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2989	Monochlorobenzene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2990	Benzene	1	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2991	Toluene	1000	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2992	Ethylbenzene	700	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018
2996	Styrene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	01/18/08	E83018

Safe Drinking Water Program Laboratory Reporting Form

Synthetic Organics Lab ID: 57487DW1 PWS ID: MC Sample ID: Starlake#2/801050-01

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lab Cart #
2005	Endrin	2	ug/L	0.0100	U	EPA505	0.0100	0.01	01/23/08	01/23/08		E83018
2010	Lindene	0.2	ug/L	0.0100	U	EPA505	0.0100	0.02	01/23/08	01/23/08		E83018
2015	Methoxychlor	40	ug/L	0.0500	U	EPA505	0.0500	0.1	01/23/08	01/23/08		E83018
2020	Toxaphene	3	ug/L	0.500	U	EPA505	0.500	1	01/23/08	01/23/08		E83018
2031	Dalapon	200	ug/L	1.00	U	EPA515.4	1.00	1	01/29/08	01/29/08		E83018
2032	Diquat	20	ug/L	0.400	U	EPA549.2	0.400	0.4	02/01/08	02/01/08		E83018
2033	Endothal	100	ug/L	9.00	U	EPA548.1	9.00	9	01/29/08	01/29/08		E83018
2034	Glyphosate	700	ug/L	6.00	U	EPA547	6.00	6	01/21/08	01/21/08		E83018
2036	Di(2-ethylhexyl) adipate	400	ug/L	0.600	U	EPA525.2	0.600	0.6	01/22/08	01/22/08		E83018
2036	Oxamyl (Vydate)	200	ug/L	2.00	U	EPA531.1	2.00	2.0	01/25/08	01/25/08		E83018
2037	Simazine	4	ug/L	0.0700	U	EPA507	0.0700	0.07	01/25/08	01/25/08		E83018
2039	Di(2-ethylhexyl)phthalate	6	ug/L	0.600	U	EPA525.2	0.600	0.6	01/22/08	01/22/08		E83018
2040	Picloram	500	ug/L	0.100	U	EPA515.4	0.100	0.1	01/29/08	01/29/08		E83018
2041	Dinoseb	7	ug/L	0.200	U	EPA515.4	0.200	0.2	01/29/08	01/29/08		E83018
2042	Hexachlorocyclopentadiene	50	ug/L	0.100	U	EPA505	0.100	0.1	01/23/08	01/23/08		E83018
2043	Aldicarb sulfoxide	N/A	ug/L	20.0	U	EPA531.1	20.0		01/25/08	01/25/08		E83018
2044	Aldicarb sulfone	N/A	ug/L	20.0	U	EPA531.1	20.0		01/25/08	01/25/08		E83018
2046	Carbofuran	40	ug/L	0.900	U	EPA531.1	0.900	0.9	01/25/08	01/25/08		E83018
2047	Aldicarb	N/A	ug/L	20.0	U	EPA531.1	20.0		01/25/08	01/25/08		E83018
2050	Atrazine	3	ug/L	0.100	U	EPA507	0.100	0.1	01/25/08	01/25/08		E83018
2051	Alechlor	2	ug/L	0.200	U	EPA507	0.200	0.2	01/25/08	01/25/08		E83018
2065	Heptachlor	0.4	ug/L	0.0100	U	EPA505	0.0100	0.04	01/23/08	01/23/08		E83018
2067	Heptachlor epoxide	0.2	ug/L	0.0100	U	EPA505	0.0100	0.02	01/23/08	01/23/08		E83018
2105	2,4-D	70	ug/L	0.100	U	EPA515.4	0.100	0.1	01/29/08	01/29/08		E83018
2110	2,4,5-TP	50	ug/L	0.200	U	EPA515.4	0.200	0.2	01/29/08	01/29/08		E83018
2274	Hexachlorobenzene	1	ug/L	0.100	U	EPA505	0.100	0.1	01/23/08	01/23/08		E83018
2306	Benzo(a)pyrene	0.2	ug/L	0.0200	U	EPA525.2	0.0200	0.02	01/22/08	01/22/08		E83018
2326	Pentachlorophenol	1	ug/L	0.0400	U	EPA515.4	0.0400	0.04	01/29/08	01/29/08		E83018
2383	PolychlorinatedbiphenylsPCB	0.5	ug/L	0.100	U	EPA505	0.100	0.1	01/23/08	01/23/08		E83018
2931	Dibromochloropropane	0.2	ug/L	0.0200	U	EPA504.1	0.0200	0.02	01/23/08	01/23/08		E83018
2946	Ethylene Dibromide	0.02	ug/L	0.0100	U	EPA504.1	0.0100	0.01	01/23/08	01/23/08		E83018
2959	Chlordane	2	ug/L	0.0100	U	EPA505	0.0100	0.2	01/23/08	01/23/08		E83018

Pinnacle Laboratories, Inc.

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
 2709-D Pan American Freeway, NE
 Albuquerque, NIM 87107
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Need heavy metals results 24-72 hr TAT
 All other 1wk TAT due 1/23/08!!
RUSH!

Interlab Chain of Custody

Date: 1/15/08 Page: 1 of 1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	Heavy Metals	TOC	Gen Chemistry: NOx, Ch, F, TDS	X SOCs Complete	X 242 VOCs I & II	Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PMA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/8270)	X Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS	
Sample # 2 801050-01	1/15/08	1000	DW	57487DW1																								

RUSH!

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	RELINQUISHED BY:	RELINQUISHED BY:
PROJECT #: 801050	Total Number of Containers	PENSACOLA - STL-FL	Signature: <i>AMANDA</i>	Signature: _____
PROJ. NAME: MC	Chain of Custody Seals	ESL - OR	Time: 1700	Time: _____
QC LEVEL: STD IV	Received Intact?	ATEL - AZ	Printed Name: AMANDA	Printed Name: _____
QC REQUIRED: MS MSD BLANK	Received Good Cond/Cold	ATEL - MARION	Date: 1/15/08	Date: _____
TAT: 24-72 RUSH!	LAB NUMBER:	ATEL - MELMORE	Company: Pinnacle Laboratories, Inc.	Company: _____
DUE DATE: 1/23/08	COMMENTS: 4.2°C	FCL	RECEIVED BY: 1.	RECEIVED BY: 2.
RUSH SURCHARGE: 25%		EHL	Signature: _____	Signature: _____
CLIENT DISCOUNT: -		GEL	Time: 1910	Time: _____
SPECIAL CERTIFICATION REQUIRED: YES NO DW		WCAS	Printed Name: _____	Printed Name: _____
		WOHL	Date: 1/16/08	Date: _____

ANALYTICAL REPORT

Job Number: 400-27849-1

Job Description: 801050

For:

Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107

Attention: Francine Torivio



Marty Edwards
Project Manager I
marty.edwards@testamericainc.com
01/30/2008
Revision: 2

The test results in this report meet all NELAP requirements for accredited parameters and relate only to the referenced samples. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval from the laboratory.

TestAmerica Pensacola Certifications and Approvals: Alabama (40150), Arizona (AZ0710), Arkansas (88-0689), California (2510), Florida (E81010), Illinois (200041), Iowa (367), Kansas (E-10253), Kentucky UST (53), Louisiana (30748), Maryland (233), Massachusetts (M-FL094), Michigan (9912), New Hampshire (250507), New Jersey (FL006), New York (11503), North Carolina (314), North Dakota (R-108), Oklahoma (9810), Pennsylvania (68-00467), South Carolina (96026), Tennessee (TN02907), Texas (T104704286-08-TX), Virginia (00008), Washington (C2043), West Virginia (136), USDA Foreign Soil Permit (P330-08-00006).

Job Narrative
400-J27849-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC VOA

Method 8015B: Sample (400-27849-1) was initially reported 5.2 mg/L for ethylene glycol. Upon further review, this hit was determined to be a false positive. The edited report reflects this change.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-27849-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)	TAL SAV	SW846 8015B	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-27849-1

<u>Method</u>	<u>Analyst</u>	<u>Analyst ID</u>
SW846 8015B	Moncrief, Amy	AM

SAMPLE SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-27849-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
400-27849-1	STARLAKE #2/801050-01	Water	01/15/2008 1000	01/16/2008 0950

SAMPLE RESULTS

Analytical Data

Client: Pinnacle Laboratories

Job Number: 400-27849-1

Client Sample ID: STARLAKE #2/801050-01

Lab Sample ID: 400-27849-1

Date Sampled: 01/15/2008 1000

Client Matrix: Water

Date Received: 01/16/2008 0950

8015B Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Method:	8015B	Analysis Batch: 680-96158	Instrument ID: GC Volatiles - G FID1
Preparation:	N/A		Lab File ID: G01056.D
Dilution:	1.0		Initial Weight/Volume: 1000 uL
Date Analyzed:	01/17/2008 1534		Final Weight/Volume: 1 mL
Date Prepared:	N/A		Injection Volume: 1 uL
			Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	RL
Ethylene glycol	<5.0		5.0
Propylene glycol	<5.0		5.0

QUALITY CONTROL RESULTS

Quality Control Results

Client: Pinnacle Laboratories

Job Number: 400-27849-1

QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
GC VOA					
Analysis Batch:680-96158					
LCS 680-96158/2	Lab Control Spike	T	Water	8015B	
MB 680-96158/3	Method Blank	T	Water	8015B	
400-27849-1	STARLAKE #2/801050-01	T	Water	8015B	

Report Basis

T = Total

Quality Control Results

Client: Pinnacle Laboratories

Job Number: 400-27849-1

Method Blank - Batch: 680-96158

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-96158/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/17/2008 1333
Date Prepared: N/A

Analysis Batch: 680-96158
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: G01055.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
Ethylene glycol	<5.0		5.0
Propylene glycol	<5.0		5.0

Lab Control Spike - Batch: 680-96158

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-96158/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/17/2008 1226
Date Prepared: N/A

Analysis Batch: 680-96158
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: G01053.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene glycol	40.0	37.3	93	50 - 150	
Propylene glycol	40.1	37.8	94	50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
--------------------	------------------	--------------------

40-27849

Date: 1/15/08 Page: 1 of 1

Interlab Chain of Custody

Pinnacle Laboratories, Inc.

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
 2709-D Pan American Freeway, NE
 Albuquerque, NIM 87107
 (505) 344-3777 Fax (505) 344-4413

Need results 1/23/08!

RUSH!

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	TOC	Gen Chemistry:	Volatle Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310/8270 SIMS)	8260 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Sample # 2801050-01	1/15/08	1000	DW																					

RUSH!

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:	RELINQUISHED BY:	RELINQUISHED BY:
PROJECT #: 801050	Total Number of Containers	PENSACOLA - STL-FL <input checked="" type="checkbox"/>	Signature: <i>AMMUNE JORDO</i>	Signature: _____
PROJ. NAME: MC	Chain of Custody Seals	ESL - OR	Time: 700	Time: _____
QC LEVEL: STD. IV	Received Intact?	ATEL - AZ	Printed Name: <i>AMMUNE JORDO</i>	Printed Name: _____
QC REQUIRED: MS MSD BLANK	Received Good Cond./Cold	ATEL - MARION	Date: 1/15/08	Date: _____
TAT: STANDARD RUSH!!	LAB NUMBER:	ATEL - MELMORE	Company: Pinnacle Laboratories, Inc.	Company: _____
DUE DATE: 1/23/08	COMMENTS:	FCL	RECEIVED BY: 1.	RECEIVED BY: 2.
RUSH SURCHARGE: 25%		EHL	Signature: <i>[Signature]</i>	Signature: _____
CLIENT DISCOUNT: -		GEL	Time: 9:50	Time: _____
SPECIAL CERTIFICATION		WCAS	Printed Name: <i>Vanda L Chen</i>	Printed Name: _____
REQUIRED: YES NO DW		WOHL	Date: 1/16/08	Date: _____
			Company: <i>TAC</i>	Company: _____

0.40C

Login Sample Receipt Check List

Client: Pinnacle Laboratories

Job Number: 400-27849-1

Login Number: 27849

List Source: TestAmerica Pensacola

Creator: Chea, Vanda

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	0.4°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: Pinnacle Laboratories

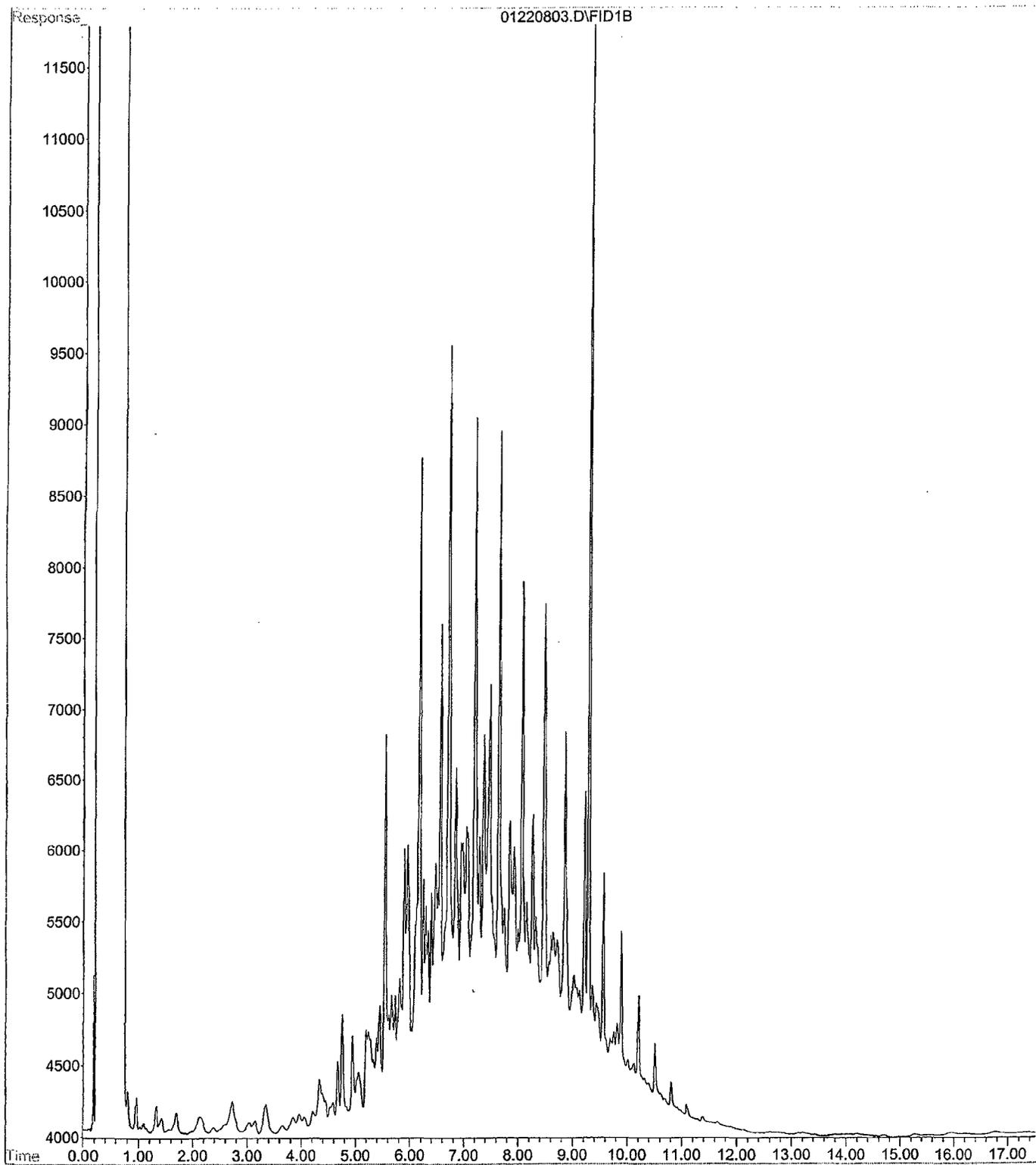
Job Number: 400-27849-1

Login Number: 27849
Creator: Conner, Keaton
List Number: 1

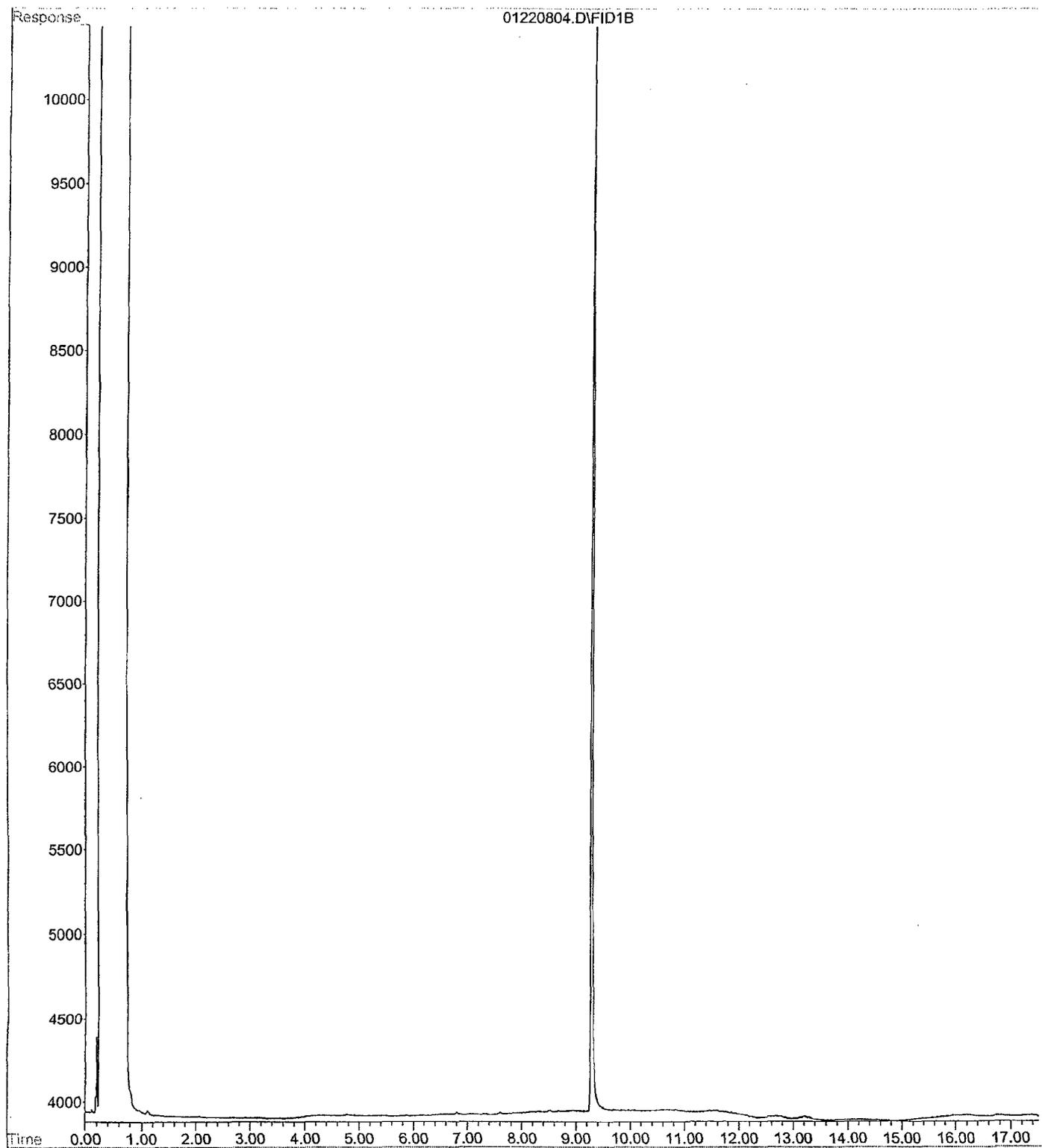
List Source: TestAmerica Savannah
List Creation: 01/17/08 11:16 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is 6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

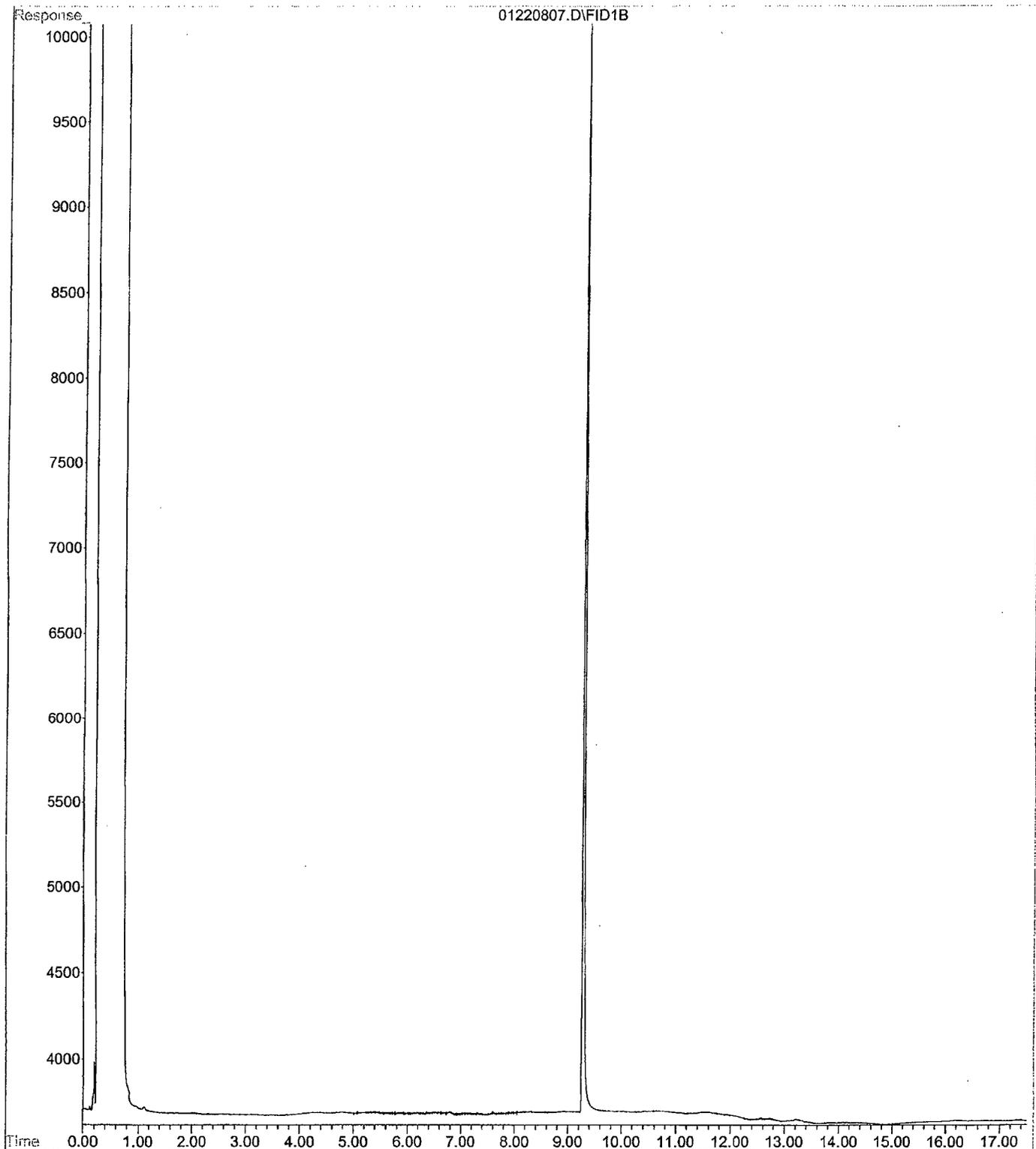
File : C:\HPCHEM\2\DATA\012208F\01220803.D
Operator : STH
Acquired : 22 Jan 2008 9:41 am using AcqMethod DR080121.M
Instrument : FID-1
Sample Name: DRO CCV 200 UG/ML
Misc Info : GC5-78-10
Vial Number: 3



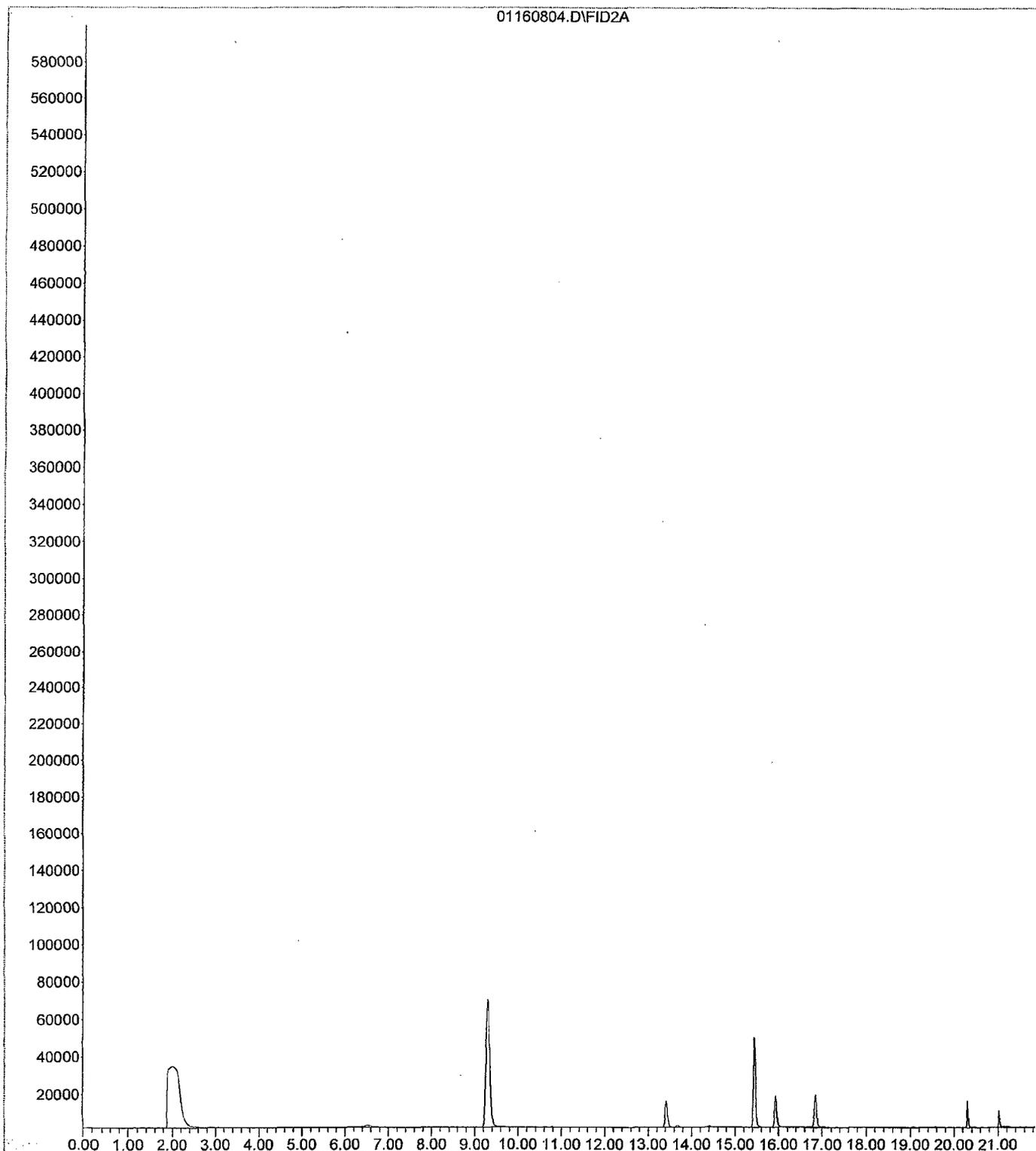
File : C:\HPCHEM\2\DATA\012208F\01220804.D
Operator : STH
Acquired : 22 Jan 2008 10:14 am using AcqMethod DR080121.M
Instrument : FID-1
Sample Name: DRO WATER BLANK 012108FW
Misc Info : 3.0ML/30ML BY STH ON 01/21/08@0944
Vial Number: 4



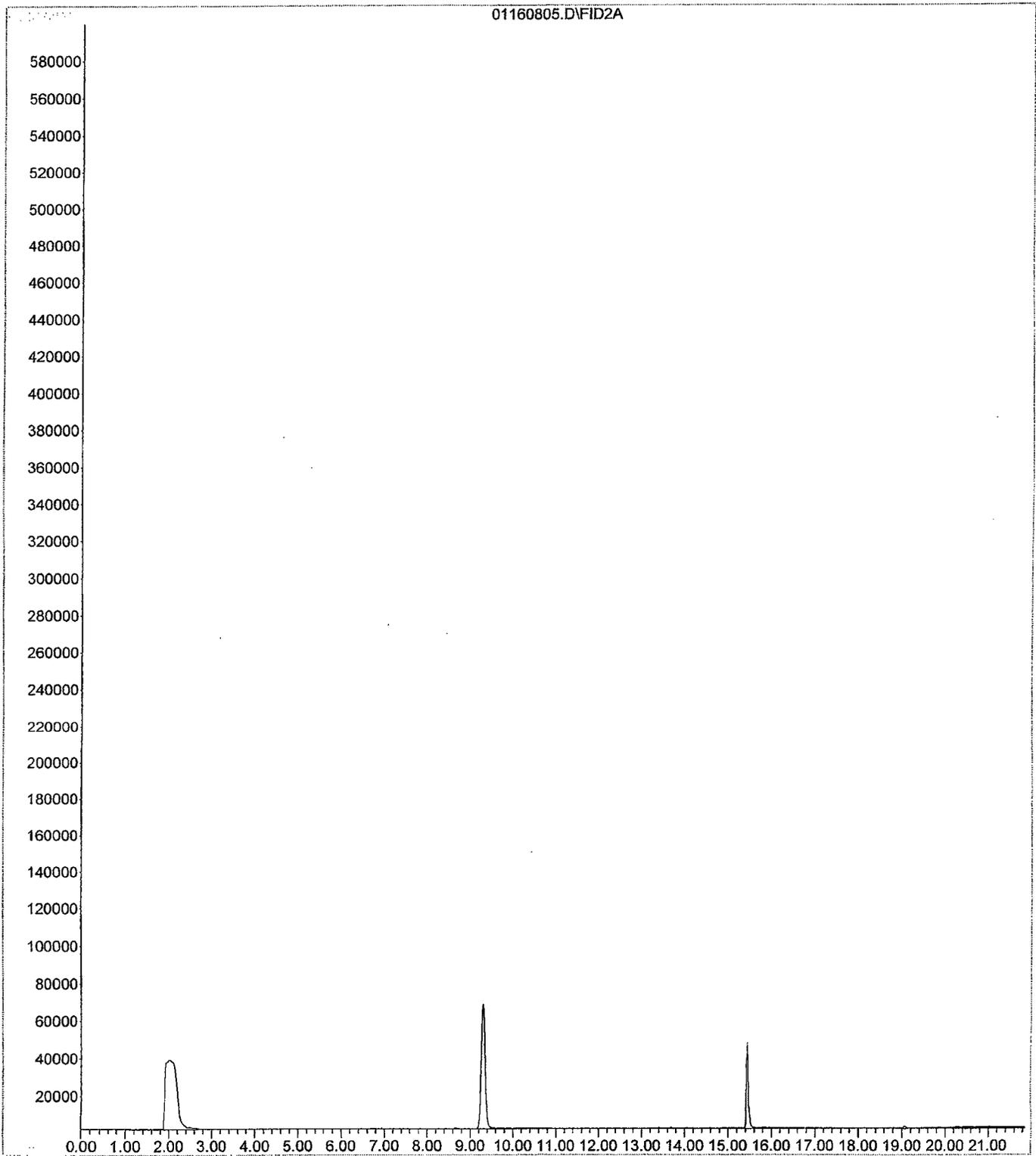
File : C:\HPCHEM\2\DATA\012208F\01220807.D
Operator : STH
Acquired : 22 Jan 2008 11:49 am using AcqMethod DRO80121.M
Instrument : FID-1
Sample Name: 801050-01 [001X] 012108FW
Misc Info : 3.0ML/30ML BY STH ON 01/21/08@0944
Vial Number: 7



File : C:\HPCHEM\1\DATA\011608B\01160804.D
Operator : ARM
Acquired : 16 Jan 2008 11:33 am using AcqMethod BG100207.M
Instrument : GC-2 PID/
Sample Name: METHOD BLANK
Misc Info : 10UL MS5-98-19 + 10UL MS6-05-08
Vial Number: 4



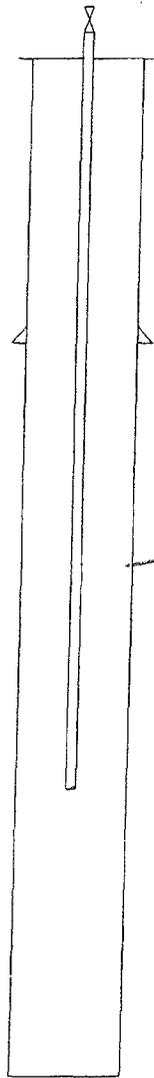
File : C:\HPCHEM\1\DATA\011608B\01160805.D
Operator : ARM
Acquired : 16 Jan 2008 12:12 pm using AcqMethod BG100207.M
Instrument : GC-2 PID/
Sample Name: 801050.01 [1X] 1000
Misc Info : 5ML + 10UL MS5-98-19 + 10UL MS6-05-08
Vial Number: 5



**APPENDIX E
WELL COMPLETION DIAGRAMS**

PNM Gas Services

STAR LAKE #2 WATER WELL
SEC. 34 , T20N , R06W - MCKINLEY CO. NEW MEXICO
ELEVATION 6920'

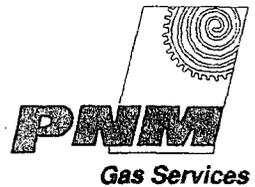


DEPTH OF 10" CASING UNKNOWN

Depth to Water (static) 122' 3/14/02

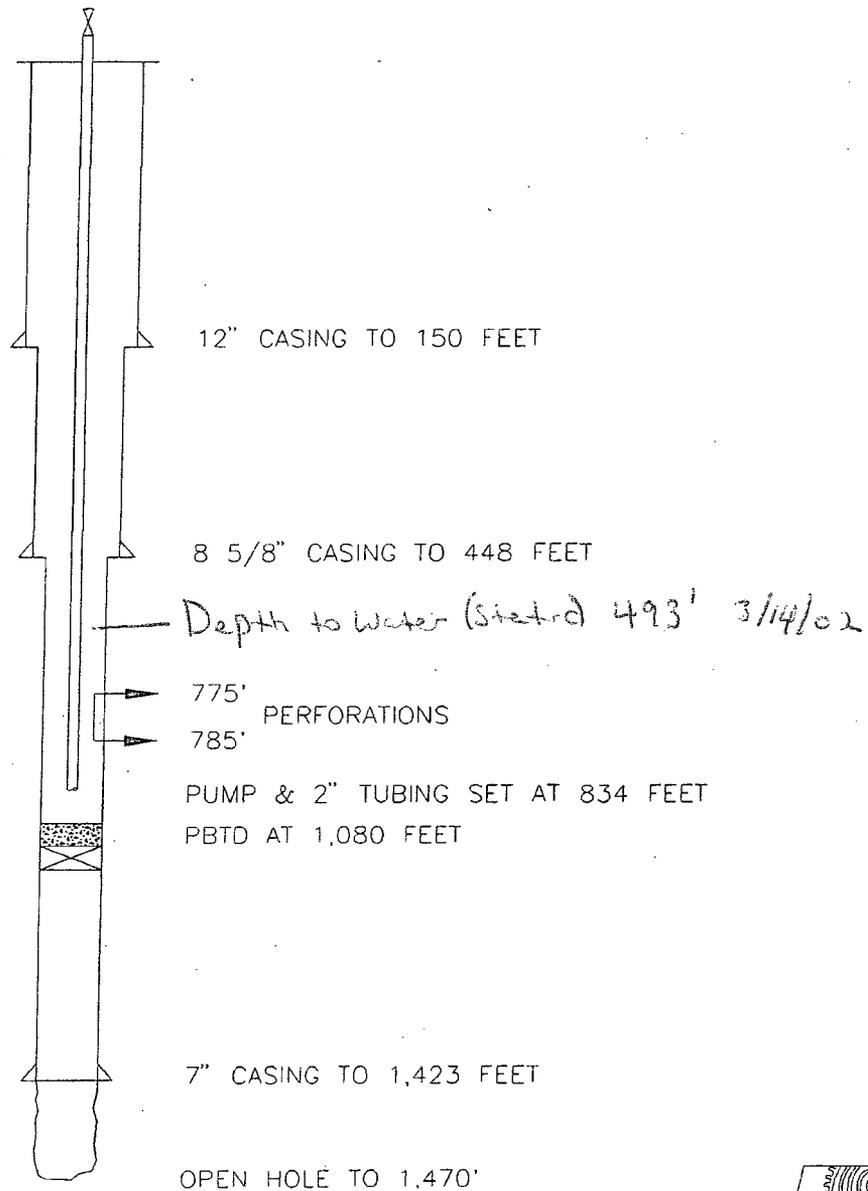
PUMP & 2" TUBING SET AT 170 FEET

DEPTH OF WELL 180 FEET



PNM Gas Services

STAR LAKE #1 WATER WELL
SEC. 34 , T20N , R06W - MCKINLEY CO. NEW MEXICO
ELEVATION 6920'



K.E. LAWRENCE

ACAD FILE #KL95-010 (SLWW-1)

FEB. 24, 1997

**APPENDIX F
COMMERCIAL LANDFARM TICKETS**

T-n-T Environmental Inc
 #70 CR 405
 Lindrith, NM 87029-9704

Invoice

Date	Invoice #
11/12/2008	2680

Bill To
PNM Attn: Claudette Horn Alvarado Square Albuquerque, NM 87158-2610

P.O. Number	Terms	Due Date
	Net 30	12/12/2008

Item	Description	Ticket #	BBSL. / Yds.	Rate	Amount
Mat. Yds. Chloride Test	PNM Star Lake Comp. Station	4132	40	19.00	760.00T
			2	25.00	50.00T
Mat. Yds. Chloride Test Fill Dirt		4130	40	19.00	760.00T
			2	25.00	50.00T
			40	4.00	160.00T
Mat. Yds. Chloride Test Fill Dirt		4133	38	19.00	722.00T
			2	25.00	50.00T
			38	4.00	152.00T
Mat. Yds. Chloride Test Fill Dirt		4134	40	19.00	760.00T
			2	25.00	50.00T
			40	4.00	160.00T
Mat. Yds. Chloride Test Fill Dirt		4131	40	19.00	760.00T
			2	25.00	50.00T
			40	4.00	160.00T
Mat. Yds. Chloride Test		4128	40	19.00	760.00T
			2	25.00	50.00T

Thank you for your business.	Subtotal
	Sales Tax (6.0625%)
	Payments/Credits
	Balance Due

Phone #	Fax #
575-774-6504	575-774-9116

T-n-T Environmental Inc
 #70 CR 405
 Lindrith, NM 87029-9704

Invoice

Date	Invoice #
11/12/2008	2680

Bill To
PNM Attn: Claudette Horn Alvarado Square Albuquerque, NM 87158-2610

P.O. Number	Terms	Due Date
	Net 30	12/12/2008

Item	Description	Ticket #	BBLS. / Yds.	Rate	Amount
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4129	40	19.00	760.00T
Cloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4135	20	19.00	380.00T
Cloride Test			1	25.00	25.00T
Fill Dirt			20	4.00	80.00T
Mat. Yds.		4139	20	19.00	380.00T
Cloride Test			1	25.00	25.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4138	20	19.00	380.00T
Cloride Test			1	25.00	25.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4141	40	19.00	760.00T
Cloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T

Thank you for your business.	Subtotal
	Sales Tax (6.0625%)
	Payments/Credits
	Balance Due

Phone #	Fax #
575-774-6504	575-774-9116

T-n-T Environmental Inc
 #70 CR 405
 Lindrith, NM 87029-9704

Invoice

Date	Invoice #
11/12/2008	2680

Bill To
PNM Attn: Claudette Horn Alvarado Square Albuquerque, NM 87158-2610

P.O. Number	Terms	Due Date
	Net 30	12/12/2008

Item	Description	Ticket #	BBLs. / Yds.	Rate	Amount
Mat. Yds.		4142	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4148	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4140	38	19.00	722.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4145	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4144	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T

Thank you for your business.	Subtotal
	Sales Tax (6.0625%)
	Payments/Credits
	Balance Due

Phone #	Fax #
575-774-6504	575-774-9116

T-n-T Environmental Inc
 #70 CR 405
 Lindrith, NM 87029-9704

Invoice

Date	Invoice #
11/12/2008	2680

Bill To
PNM Attn: Claudette Horn Alvarado Square Albuquerque, NM 87158-2610

P.O. Number	Terms	Due Date
	Net 30	12/12/2008

Item	Description	Ticket #	BBLS. / Yds.	Rate	Amount
Mat. Yds. Chloride Test		4161	40 2	19.00 25.00	760.00T 50.00T
Mat. Yds. Chloride Test Fill Dirt		4156	40 2 20	19.00 25.00 4.00	760.00T 50.00T 80.00T
Mat. Yds. Chloride Test Fill Dirt		4153	40 2 20	19.00 25.00 4.00	760.00T 50.00T 80.00T
Mat. Yds. Chloride Test Fill Dirt		4154	40 2 20	19.00 25.00 4.00	760.00T 50.00T 80.00T
Mat. Yds. Chloride Test Fill Dirt		4152	40 2 20	19.00 25.00 4.00	760.00T 50.00T 80.00T
Mat. Yds. Chloride Test		4151	40 2	19.00 25.00	760.00T 50.00T

Thank you for your business.	Subtotal
	Sales Tax (6.0625%)
	Payments/Credits
	Balance Due

Phone #	Fax #
575-774-6504	575-774-9116

T-n-T Environmental Inc
 #70 CR 405
 Lindrith, NM 87029-9704

Invoice

Date	Invoice #
11/12/2008	2680

Bill To
PNM Attn: Claudette Horn Alvarado Square Albuquerque, NM 87158-2610

P.O. Number	Terms	Due Date
	Net 30	12/12/2008

Item	Description	Ticket #	BBLs. / Yds.	Rate	Amount
Fill Dirt			20	4.00	80.00T
Mat. Yds.		4155	38	19.00	722.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			20	4.00	80.00T
Mat. Yds.		4157	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			20	4.00	80.00T
Mat. Yds.		4150	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			20	4.00	80.00T
Mat. Yds.		4146	40	19.00	760.00T
Chloride Test			2	25.00	50.00T
Fill Dirt			40	4.00	160.00T
Mat. Yds.		4143	20	19.00	380.00T
Chloride Test			1	25.00	25.00T
Fill Dirt			40	4.00	160.00T

Thank you for your business.	Subtotal	\$23,408.00
	Sales Tax (6.0625%)	\$1,419.11
	Payments/Credits	\$0.00
	Balance Due	\$24,827.11

Phone #	Fax #
575-774-6504	575-774-9116



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrieth, NM 87029

Ticket No.

4132

Date: 10/28/08 Customer: PNM

Well Name & Number: Star Lake Camp

Trucking Co.: Joe Lins Trucking Unit No.: 692

Driver (print): José L. Pantoja Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142800

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	José L. Pantoja		180			✓	
2	20	José L. Pantoja		160			✓	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant [Signature]



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4130

Date: 10-28-08 Customer: PNM

Well Name & Number: Star Lake Compressor Station

Trucking Co.: Moberg Unit No.: 02

Driver (print): Linda Robison Customer Signature: _____

Ordered By: PNM - Mark Delivery Ticket No.: 48106

Sch # 142000 Moberg Welding Inc

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Linda Robison		128			✓	
2	20	Linda Robison		133			✓	
3								
4								
5								
6								
7								
8	20	Fill Dirt						
9	20	Fill Dirt						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant Shawn Obit

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4133

Date: 10-28-08 Customer: PNM

Well Name & Number: Arado Farms A3 Star Lake Camp

Trucking Co.: Arado Farms Unit No.:

Driver (print): R Prado Customer Signature: R Prado

Ordered By: Mei K Delivery Ticket No.: 172000

ITEM NO.	BBLS OR YRDS.	DRIVER'S SIGNATURE	PAIN FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	19	R Prado		178			✓	
2	19	R Prado		152			✓	
3								
4								
5								
6								
7								
8	07	Fill Dirt						
9	19	Fill Dirt						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant Shon Obied

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4134

Date: 10-28-08 Customer: [Signature]

Well Name & Number: Star Lake Compressor

Trucking Co.: Flynn M Construction Unit No.: 11

Driver (print): RYAN RADOJITS Customer Signature: _____

Ordered By: MARK Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<u>[Signature]</u>		256			✓	
2	20	<u>[Signature]</u>		160			✓	
3								
4								
5								
6								
7								
8	20	<u>Clean Fill</u>						
9	20	<u>Clean Fill</u>						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant [Signature]

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4131

Date: 10/28/08 Customer: DNM

Well Name & Number: Star Lake Camp

Trucking Co.: Reeds Welding Unit No.: 1207

Driver (print): Harold Rautio Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>[Signature]</i>		177			✓	
2	20	<i>[Signature]</i>		182			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant [Signature]



COMMERCIAL LANDFARM TICKET
T-N-T Environmental, Inc.
 #70 CR 405 • Lindrith, NM 87029

Ticket No.
4128

Date: 10-28-08 Customer: PNM (#142000)

Well Name & Number: Star Lake Conf

Trucking Co.: Foutz & Bunsom Unit No.: 515

Driver (print): Belarmino J Villarreal Customer Signature: _____

Ordered By: Mark Skelians Kevin Lawrence Delivery Ticket No.: _____

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Belarmino J Villarreal		136			✓	
2	20	Belarmino J Villarreal		142			✓	
3								
4								
5								
6								
7								
8	20	Clean fill						
9	20	Clean fill fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant Sharon Olvide



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4129

Date: 10-28-08 Customer: PNM

Well Name & Number: Star Lake Comp.

Trucking Co.: Moberg Unit No.: 56

Driver (print): Robert Benjamin Customer Signature: PNM
Job # 142000

Ordered By: Mark Delivery Ticket No.: 48112

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>Robert Benjamin</i>		130			✓	
2	20	<i>Robert Benjamin</i>		148			✓	
3								
4								
5								
6								
7								
8	20	<i>Clean Fill</i>						
9	20	<i>Clean Fill</i>						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 0308531

Date 10/28/08 T-N-T Attendant Sharon Obit



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.
#70 CR 405 • Lindrith, NM 87029

Ticket No.
4135

Date: 10/28/08 Customer: PDM

Well Name & Number: Star lake Comp.

Trucking Co.: Foutz and Bursum Const. Unit No.: 517-668

Driver (print): Ervin Haines Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>Ervin Haines</i>		179			✓	
2								
3								
4								
5								
6								
7								
8	20	<i>Clean Fill</i>						
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/28/08 T-N-T Attendant Thomas Obiedo

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4139

Date: 10-29-08 Customer: PNM

Well Name & Number: Start Lake Comp

Trucking Co.: Schmitz Const Unit No.: _____

Driver (print): Seth Customer Signature: _____

Ordered By: mark Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>Seth Collins</i>		181			✓	
2								
3								
4								
5								
6								
7								
8	20	<i>Clean Fill</i>						
9	20	<i>Clean Fill</i>						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-29-08 T-N-T Attendant *Heather G...*



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4138

Date: 10/29/08 Customer: PNM

Well Name & Number: Stare Lake comp.

Trucking Co.: Schmitz Cons. Unit No.: _____

Driver (print): Nicholas Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLs or YRDS	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>Nicholas</i>		240			✓	
2								
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-29-08 T-N-T Attendant Herm J...

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4141

Date: 10-29-08 Customer: PNM

Well Name & Number: STAR LAKE COMP

Trucking Co.: Flyin M Unit No.: 11

Driver (print): RYAN RADOSITS Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142600

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Ryan Radosits		132			✓	
2	20	Ryan Radosits		174			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Shawn Olin

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4142

Date: 10-29-08 Customer: Foutz & Buisum

Well Name & Number: PNM StarLake Compressor Station

Trucking Co.: Foutz & Buisum Unit No.: 515

Driver (print): Belarmino J Villarreal Customer Signature: _____

Ordered By: _____ Delivery Ticket No.: #142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20			130			✓	
2	20			184			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant John Oland



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4148

Date: 10-29-08 Customer: DWM

Well Name & Number: Star Lake Comp

Trucking Co.: Foutz and Bursum Const. Unit No.: 517

Driver (print): Ernie Haines Customer Signature: _____

Ordered By: MARK Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20			221			✓	
2	20			183			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-29-08 T-N-T Attendant Herb Gage

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4140

Date: 10-29-08 Customer: PNM

Well Name & Number: Star Lake Comp

Trucking Co.: Predo Farms P3 Unit No.: _____

Driver (print): Roger Predo Customer Signature: R Predo

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLs or YRDS	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	19	R Predo		126			✓	
2	19	R Predo		233			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Sharon Obier

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4145

Date: 10/29/08 Customer: PNM

Well Name & Number: Star Lake Camp

Trucking Co.: Reed Trucking Unit No.: 207

Driver (print): Harold Raufio Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>[Signature]</i>		140			✓	
2	20	<i>[Signature]</i>		202			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Sharon O'Neil

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4144

Date: 10-29-08 Customer: PNM

Well Name & Number: Star Lake Comp

Trucking Co.: Joe Luis Trucking Unit No.: 692

Driver (print): Mark Jose L. Portez Customer Signature: _____

Ordered By: _____ Delivery Ticket No.: 142000

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Jose L Portez		210			✓	
2	20	Jose L Portez		240			✓	
3								
4								
5								
6								
7								
8	20	Clean Fill						
9	20	Clean Fill						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Shane Ochs



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4161

Date: 10-30-08 Customer: DNM

Well Name & Number: STAR LAKE Comp

Trucking Co.: Schmitz Unit No.: _____

Driver (print): Seth Customer Signature: _____

Ordered By: mark Delivery Ticket No.: 142000

ITEM NO.	BBLs OF YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Seth Collins	1-1	724			✓	
2	20	Seth Collins	1-1	423			✓	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCT - 030853T

Date 10-30-08 T-N-T Attendant [Signature]



COMMERCIAL LANDFARM TICKET
T-N-T Environmental, Inc.
 #70 CR 405 • Lindrith, NM 87029

Ticket No.
4156

Date: 10-30-08 Customer: PNM "3D"

Well Name & Number: STAR LAKE Comp

Trucking Co.: Moberg Unit No.: 56

Driver (print): Robert Benjamin Customer Signature: PNM

Ordered By: PNM "3D Charlie Dean" Delivery Ticket No.: Moberg # 48130 148000

ITEM NO.	BBLs OF YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Robert Benjamin	1-1	274			✓	
2	20	Robert Benjamin	1-1	431			✓	
3								
4								
5								
6								
7								
8								
9								
10	20	Fill Dirt Robert Benjamin						
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant Heaven Jazay

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4153

Date: 10-30-08 Customer: PNM 3D

Well Name & Number: STAR LAKE Comp

Trucking Co.: Moberg Unit No.: 02

Driver (print): Linda Robison Customer Signature: _____

Ordered By: Charlie Dean - 3D Delivery Ticket No.: Moberg 48103
Fourt Job# 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Linda Robison	1-1	393			✓	
2	20	Linda Robison	1-1	505			✓	
3								
4								
5								
6								
7								
8								
9	20	Clean Fill Dirt Linda Robison						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant Henry Lopez



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4154

Date: 10-30-08 Customer: PUM

Well Name & Number: STAR Lake Comp

Trucking Co.: Reeds Welding Unit No.: 1207

Driver (print): Harold Customer Signature: _____

Ordered By: MARK Delivery Ticket No.: 142000

ITEM NO.	BBLs OR YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	KC	1-1	116		✓		
2	20	GC	1-1	204		✓		
3								
4								
5								
6								
7								
8	20	BACK FILL DIRT						
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant [Signature]

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4152

Date: 10-30-08 Customer: PWm

Well Name & Number: Star Lake Camp

Trucking Co.: Flyin M Unit No.: 11

Driver (print): Ryan Radojits Customer Signature: _____

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Ryan Radojits	1-1	327			✓	
2	20	Ryan Radojits	1-1	343			✓	
3								
4								
5								
6								
7								
8								
9								
10	20	clean fill dirt						
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant Alan J...



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4151

Date: 10-30-08 Customer: PNM

Well Name & Number: STAR Lake Camp

Trucking Co.: Joe Luis Trucking Unit No.: 692

Driver (print): José L. Pantoja Customer Signature: _____

Ordered By: MAEK Delivery Ticket No.: 142000

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	José L. Pantoja	1-1	323			✓	
2	20	José L. Pantoja	1-1	628			✓	
3								
4								
5								
6								
7								
8	20	Clean fill						
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant Ken Jones



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4155

Date: 10-30-08 Customer: PNM

Well Name & Number: STAR Lake Comp

Trucking Co.: Prado Farms Unit No.: P3

Driver (print): Roger Prado Customer Signature: R Prado

Ordered By: Mark Delivery Ticket No.: 142000

ITEM NO.	BBLs OF YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	19	R Prado	1-1	347			✓	
2	19	R Prado	1-1	243			✓	
3								
4								
5								
6								
7								
8								
9								
10	20	Clean Fill						
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant Ken J...



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4157

Date: 10-30-08 Customer: DNM

Well Name & Number: STAR LAKE Comp

Trucking Co.: Forte & Buisson Unit No.: 515

Driver (print): Berardino J Villalobos Customer Signature: _____

Ordered By: _____ Delivery Ticket No.: 142000

ITEM NO.	BBLs OF YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20		1-1	552			✓	
2	20		1-1	487			✓	
3								
4								
5								
6								
7								
8	20	CLEAN Fill						
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCT - 030853T

Date 10-30-08 T-N-T Attendant [Signature]



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrieth, NM 87029

Ticket No.

4150

Date: 10-30-08 Customer: PNM

Well Name & Number: Star Lake Comp

Trucking Co.: Fantz and Bursum Const. Unit No.: 517

Driver (print): Erwin Haynes Customer Signature: _____

Ordered By: [Signature] Delivery Ticket No.: 149000

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20		1-1	116			✓	
2	20		1-1	304			✓	
3								
4								
5								
6								
7								
8	20	CLEAN Fill						
9								
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10-30-08 T-N-T Attendant [Signature]

COPIES: WHITE — Landfarm YELLOW — Customer PINK — Landfarm GOLD — Transporter



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4146

Date: 10-29-08 Customer: ~~PNM~~ PNM = 3D

Well Name & Number: Star Lake Compressor Station

Trucking Co.: Moberg Unit No.: 02

Driver (print): Linda Robison Customer Signature: _____

Ordered By: 3D Charlie Dean Delivery Ticket No.: 48107 Moberg
142000

ITEM NO.	BBLS or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	Linda Robison	1-1	116				
2	20	Linda Robison	1-1	116				
3								
4								
5								
6								
7								
8	20	Clean Fill Linda Robison						
9	20	Clean Fill Linda Robison						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Sharon Ohil



COMMERCIAL LANDFARM TICKET

T-N-T Environmental, Inc.

#70 CR 405 • Lindrith, NM 87029

Ticket No.

4143

Date: 10-29-08 Customer: PNM = 3D

Well Name & Number: PNM starlake comp.

Trucking Co.: Moberg Unit No.: 56

Driver (print): Robert Benjamin Customer Signature: _____

Ordered By: 3D Charlie Dean Delivery Ticket No.: 48113 Moberg ticket 142000

ITEM NO.	BBLs or YRDS.	DRIVER'S SIGNATURE	PAINT FILTER TEST RATIO	CHLORIDE RESULTS	LAB SAMPLE	REJECTED	PASSED	CELL
1	20	<i>Robert Benjamin</i>	1-1	130				
2								
3								
4								
5								
6								
7								
8	20	<i>Clean Fill Robert Benjamin</i>						
9	20	<i>Clean Fill Robert Benjamin</i>						
10								
11								
12								
13								
14								
15								
16								
17								

RCI - 030853T

Date 10/29/08 T-N-T Attendant Steve Obid