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August 26, 2005

DCN: C07-SAI-301726-01-07285

Ms. Janice Wiegiers
Alaska Department of Environmental Conservation
Contaminated Sites Program
610 University Avenue
Fairbanks, Alaska 99709

RECEIVED

AUG 30 2005

**CONTAMINATED
SITES
FAIRBANKS**

Re: *Groundwater Sampling Report – March 30, 2005 Sampling Event*
Former Texaco Bulk Fuel Terminal No. 301726
Fairbanks International Airport
Fairbanks, Alaska

Dear Ms. Wiegiers:

On behalf of Chevron Environmental Management Company (Chevron), Science Applications International Corporation (SAIC) has prepared this report documenting recent groundwater sampling activities at the above referenced site (Figure 1).

SITE LOCATION AND BACKGROUND

The site is located on the southwestern portion of the Fairbanks International Airport (FIA), west of Airport Industrial Road (Figures 1 and 2). The site occupies Lot 5A and 5B of Block 10, is approximately 150 feet wide along Airport Industrial Road and 300 feet long, and is 44,623 square feet in area (Figures 3 and 4).

The site is currently vacant with no features remaining associated with the previous land uses on-site. A 6-inch diameter, abandoned fuel pipeline crosses the southwest side of the property. The former Texaco Bulk Terminal occupied the southeastern portion of the site facing Airport Industrial Road; the site is now covered with gravel. The northwestern portion of the site is primarily unimproved land that is covered with vegetation. The site elevation is approximately 430 feet above mean sea level. The terrain around the site is relatively flat. The Chena River is located approximately 700 feet west of the site, and a tributary of the Tanana River is located approximately 3,500 feet south of the site (Figure 1).

Land use in the site vicinity is mixed industrial and unimproved (vegetation). The nearest residential properties are located approximately 600 feet west of the site (Figure 3). Domestic production wells have been reported at the residential properties. Across Airport Industrial Road from the referenced

site are commercial businesses, airplane hangers, tarmacs, and other facilities associated with airport land uses (Figure 3).

Fuel Distribution Facilities

The former Texaco bulk fuel terminal began operation at the site in July 1969 under a 20-year lease from FIA signed on October 27, 1969 and renewed on April 2, 1975 and March 8, 1976. On May 23, 1979, North Pole Refining (NPR) accepted assignment of the lease terms and conditions specified in Lease Agreement ADA-01445. A Bill of Sale, dated January 7, 1979, between Texaco and NPR describes the sale of a warehouse building and three 25,000-gallon above-ground storage tanks. On June 14, 1979, Texaco transferred the lease and all rights to use of the property to NPR and the name on the lease agreement was changed. NPR renewed the lease on several occasions including March 1983. On September 27, 1983, the name listed on the lease agreement changed again to MAPCO Alaska Petroleum, Inc. (MAPCO), reflecting the purchase of NPR by MAPCO. On July 1, 1989, the Lease Agreement between FIA and MAPCO expired and the file was closed by the FIA leasing office on September 26, 1989. MAPCO removed tanks and structures from the property and relocated them to Block 10, Lots 2 and 3 at that time (Figure 3). There have been no other known occupants on the property since MAPCO left in 1989.

Spills and Releases

Seven documented/reported spills or releases occurred at the Block 10, Lot 5 property. The first reported spill occurred on December 3, 1978 and was reported to Mr. John Janssen of the Alaska Department of Environmental Conservation (ADEC) by Kent M. Herman of NPR, on January 6, 1978. According to the spill report completed by NPR, 985 gallons of Jet-A fuel overflowed from a storage tank while off-loading a tank truck. The spill was reported to have occurred "approximately 2,000 yards south-southwest of the AIA hanger"¹. Equipment Research Incorporated (ERI) responded to the spill and determined that approximately 1,000 to 1,200 gallons of product had spilled. The fuel had over-filled the storage tanks and collected in a lined berm around the tanks. ERI reported that approximately 4 to 5 inches of fuel had accumulated in the berm. ERI indicated that had it not been for an open sump drain within the berm, the spilled fuel would not have reached the ground outside the berm. However, because the sump drain was open, approximately 300 gallons of fuel had drained into the gravel below the berm. ERI notified the ADEC and FIA authorities, and began recovery and containment actions. Approximately 600 gallons of fuel was ultimately recovered and approximately 12 cubic yards of contaminated gravel removed. A spill notification report, sent to the Environmental Protection Agency (EPA) by ADEC, lists NPR as the responsible party, indicating that NPR was operating at the property prior to the official sale and lease transfer in January-June 1979. Additional spills have been reported as summarized below:

- December 21, 1978 – 300 gallons of JP-4 was released when a tank truck was over-filled. Person responsible: NPR – driver.

¹ North Pole Refining, December 4, 1978. Oil Spill Report, received by the Department of Environmental Conservation in December 1978.

- March 13, 1979 – 25-50 gallons of JP-4 was released during an above-ground tank “overflow” which occurred within the diked area, some of the JP-4 soaked into the gravel. Persons responsible: NPR.
- June 23, 1979 – 30 gallons of diesel was released due to a valve malfunction. Persons responsible: none listed, spill reported by NPR.
- June 23, 1979 – 5 gallons of diesel was released; no cause given. Persons responsible: none listed, spill reported by NPR.
- July 27, 1979 – 15 gallons of Jet-A (kerosene) fuel was released from a ruptured hose. Persons responsible: report un-readable, spill reported by NPR.
- May 20, 1981 – 40 gallons of Jet-A fuel was released due to an automatic shut-off valve malfunction resulting in an over-fill of a truck and an over-flow to the gravel loading area. Person responsible: AIA truck driver, spill reported by NPR to Alaska State Troopers.

Previous Investigations

On June 24, 1992, College Utilities Corporation (CUC) encountered strong hydrocarbon odors in soils within the upper six feet of a trench excavation while installing a new water main along Airport Industrial Road adjacent to the site. A CUC Environmental Specialist visited the site on June 26, 1992 and performed a preliminary assessment along the length of the trench using a photo-ionization detector (PID). Results from this assessment indicated elevated PID readings from soil samples collected at seven locations along both the east and west side of the trench. PID readings were taken from soil samples collected at one-foot depth intervals between one and five feet below grade on the west side of the trench and between one and six feet below grade on the east side of the trench. PID readings ranged between 0 and 432 parts per million (ppm) in samples from the west side of the trench and between 0 and 420 mg/kg in samples from the east side of the trench. Based on the locations of these sample collection points, it appears that the highest PID readings corresponded with locations along the west side of the trench (closest to the property) and near the middle of the property width.

A soil sample collected by CUC from the west trench side-wall near the center of the property width was submitted to Northern Testing Laboratories in Fairbanks, Alaska. This sample was analyzed for gasoline range hydrocarbons (GRO) by EPA Method 8100 modified, diesel range hydrocarbons (DRO) by EPA Method 8015 modified, and a limited list of volatile hydrocarbons including benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8020. This soil sample contained 7,900 milligrams per kilogram (mg/kg) GRO (as C-6 through C-10), 45,000 mg/kg DRO (as C-10 through C-28) and benzene (57 mg/kg), toluene (360 mg/kg), ethylbenzene (74 mg/kg) and xylenes (370 mg/kg). The sample analyzed did not contain chlorobenzene or chlorobenzene isomers at concentrations at or above the 4.0 mg/kg reporting limit.

On August 16 and 17, 2004, soil borings B-1 through B-13 and monitoring wells MW-1 through MW-6 were installed to assess the extent of petroleum hydrocarbons in soil and the shallow water-bearing zone at the site at the locations shown on Figure 5. Analysis of soil samples detected GRO

and DRO at concentrations of up to 339 and 30,900 mg/kg, respectively, in well boring MW-1 at approximately 4 feet below ground surface (bgs). BTEX constituents were also detected in soil samples collected from B-2, B-3, B-4, B-5, B-8, B-11, B-12, and MW-1 at concentrations of up to 16.9 mg/kg benzene, 18.5 mg/kg toluene, 10.6 mg/kg ethylbenzene, and 76.5 mg/kg xylenes. Lead was detected in each soil sample at concentrations up to 10.2 mg/kg in a sample collected from well boring MW-1. The results of soil sample analysis are presented in Table 1. Monitoring wells MW-1 through MW-6 were constructed using 2-inch diameter PVC with 0.020-inch slotted screen from 5 to 15 feet bgs. The initial groundwater samples were collected from wells MW-1 through MW-6 on August 19, 2004. TPHg was detected in wells MW-1 and MW-3 at concentrations of 27,200 and 89.4 micrograms per liter (ug/L), respectively, and TPHd was detected in wells MW-1 and MW-3 at concentrations of 33,400 and 1,190 ug/L, respectively. Benzene was detected in wells MW-1, MW-3, MW-4, and MW-6 at concentrations ranging from 0.351 to 1,770 ug/L. Toluene, ethylbenzene, and xylenes were also detected in wells MW-1 and MW-3. Field procedures and analytical results were presented in SAIC's November 22, 2004 *Site Assessment Report*.

Off-Site Sources

Nearby properties or features with identified or possible ongoing environmental investigations are summarized below.

FIA Fuel Hydrant System Pipeline

A 6-inch diameter fuel pipeline runs through the former Texaco terminal at the location shown on Figure 5. The pipeline is used to transport aviation fuel to various tenants along Airport Industrial Road. There are a number of confirmed releases of aviation fuel associated with the FIA fuel hydrant system pipeline.

MAPCO Facility, Block 10, Lots 2 and 3

A search of the ADEC contaminated sites database indicated that numerous petroleum releases have occurred at the MAPCO facility located on Block 10, Lots 2 and 3 (Figures 3 and 4). MAPCO reportedly began operation at this property in 1983.

According to ADEC records, soil and groundwater impacts, including petroleum-based separate-phase hydrocarbons (SPH), are present at the current MAPCO location. Review of preliminary data from the ADEC indicates that there are 20 groundwater monitoring wells within Lots 2 and 3 and off-site in Dale Road. Numerous aviation fuel releases have occurred at the site, primarily due to over-filled tanks and open valves. SPH at thicknesses of up to 2 feet have been documented in well MW-1, located in the immediate vicinity of the truck loading rack located in the center of Lot 3. Currently, ongoing activities include the assessment of petroleum hydrocarbons as SPH in the subsurface.

5250 Airport Industrial Road, Block 10, Lot 7

Information provided by the ADEC indicates that four diesel and unleaded gasoline underground storage tanks (USTs) and two waste oil USTs were removed and underlying impacted soil excavated.

A hydrocarbon sheen was observed on the groundwater in the excavation cavity, and seven groundwater monitoring wells were eventually installed on- and off-site (Figures 3 and 4). A water production well reportedly exists within the property. Available analytical results of groundwater sampling in June 1993 revealed the presence of up to 150 micrograms per liter (ug/L) GRO, 210 ug/L DRO, and 52 ug/L benzene.

Mark Air, Block 1, Lot 6

Information provided by ADEC shows six monitoring wells at the Mark Air properties across Airport Industrial Road from the subject site (Figures 3 and 4). In October 1991, four 10,000-gallon aviation fuel underground storage tank (USTs), two pump stations, and associated piping were removed from the site. Approximately 1,200 cubic yards of impacted soil were removed from the site during UST removal. During the September 4, 2003 monitoring event, up to 2.31 feet of separate-phase hydrocarbon (SPH) was observed on the groundwater table surface in Monitoring Well GEI-5.

Hydrogeology

The subject site is situated on unconsolidated alluvium deposited by the Chena and Tanana Rivers consisting of sand and gravel mixtures. Silt filled swales and oxbows from former stream and river courses are common in the area. The airport and surrounding areas have been graded, and there are areas of imported fill and borrow sources. Review of available borings logs generated during this investigation and during installation of groundwater monitoring wells at 5250 Airport Industrial Road, located approximately 200 feet northeast of the subject site, indicates that the area is overlain by gravel fill material to depths of up to 5 feet bgs, underlain by silty sand that becomes generally coarser with depth and grades into a gravelly sand. Groundwater was encountered at approximately seven feet below grade during the August 2004 well installation, and the borings were advanced to total depths of approximately 21.5 feet bgs.

The alluvial sediment thickness in the Fairbanks area ranges from 400 to 800 feet based on seismic interpretations (Barnes, 1961). The bedrock under the Fairbanks area is pelitic schist consisting of metamorphosed marine silt deposits. In some areas, the pelitic schist grades to calcium-mica schist referred to as the Birch Creek Schist, marble or quartzite (Pewe and others, 1976).

FIELD PROCEDURES

Groundwater samples were collected from wells MW-1 through MW-6 on March 30, 2005. Prior to purging, the depth to water in each well at the site was measured relative to the top of casing using an electronic depth to groundwater meter. The groundwater table in each well was inspected for the presence of SPH or sheen using a clear Teflon bailer. The wells were then purged a minimum of three casing volumes. After purging and prior to sampling, groundwater in the well was allowed to recharge to within 80% of the original groundwater level. Groundwater samples were then collected with a clean Teflon bailer and placed in appropriate EPA-approved containers for storage. Each sample container was then labeled for sample identification, and transported on ice to the laboratory using

appropriate chain-of-custody documentation. Well monitoring data sheets are included in Attachment A.

Groundwater samples were analyzed by NCA Laboratory of Anchorage, Alaska and Bothell, Washington for GRO and BTEX as per AK101. DRO and residual range organics (RRO) were analyzed as per AK102. Volatile organic compounds were analyzed as per EPA Method 8260B. The results of groundwater sample analysis for petroleum hydrocarbons are summarized in Table 2, and the results for volatile organic compound analysis are summarized in Table 3. NCA analytical reports are presented in Attachment B.

RESULTS

Analytical Results of Groundwater Samples: Analysis of groundwater samples collected during the March 30, 2005 sampling event for petroleum hydrocarbons detected GRO, DRO, and BTEX in four of the six monitoring wells installed at the site. GRO was detected in wells MW-1 and MW-3 at concentrations of 9,000 and 181 ug/L, respectively, and DRO was detected in wells MW-1, MW-2 and MW-5 at concentrations of 436, 4,040, and 3,310 ug/L, respectively. Benzene was detected in wells MW-1 and MW-3 at concentrations of 729 and 0.979 ug/L, respectively. Toluene, ethylbenzene, and xylenes were also detected in well MW-1. The results of groundwater sample analysis for petroleum hydrocarbons are presented in Table 1, and depicted graphically on Figure 7.

Groundwater samples were additionally analyzed for volatile organic compounds, which detected several other chemical analytes, including butylbenzenes, chloroform, 1,1-dichloroethane, naphthalene and trimethylbenzenes. The results of groundwater sample analysis for volatile organic compounds are presented in Table 3.

Comparison of Analytical Results to Cleanup Levels: The maximum concentrations of GRO, DRO, and benzene in soil samples collected in August 2004 and groundwater samples collected on March 30, 2005 were compared to ADEC cleanup levels². The ADEC soil cleanup levels for the "Under 40-inch zone" for the inhalation pathway are presented below.

² Alaska Department of Environmental Conservation, 18 ACC 75 – Oil and Other Hazardous Substances Pollution Control, May 26, 2004, Tables B1 and B-2.

| | Maximum Soil Concentration* | Sample Location | ADEC Soil Cleanup Level | Maximum Groundwater Concentrations | Sample Location | ADEC Groundwater Cleanup Level |
|--|-----------------------------|---------------------|-------------------------|------------------------------------|-----------------|--------------------------------|
| GRO (C ₆ - C ₁₀) | 339 mg/kg | MW-1 at 4 feet bgs | 1,400 mg/kg | 9,000 ug/L | MW-1 | 1,300 ug/L |
| DRO (C ₁₀ - C ₂₅) | 30,900 mg/kg | MW-1 at 4 feet bgs | 12,500 mg/kg | 4,040 ug/L | MW-1 | 1,500 ug/L |
| Benzene | 16.9 mg/kg | MW-1 at 4 feet bgs | 9 mg/kg | 729 ug/L | MW-1 | 5 ug/L |
| Toluene | 18.5 mg/kg | MW-1 at 4 feet bgs | 180 mg/kg | 343 ug/L | MW-1 | 1,000 ug/L |
| Ethylbenzene | 10.6 mg/kg | B-4 at 3.5 feet bgs | 89 mg/kg | 186 mg/kg | MW-1 | None |
| Xylenes | 76.5 mg/kg | MW-1 at 4 feet bgs | 81 mg/kg | 936 mg/kg | MW-1 | 10,000 ug/L |
| Lead | 10.2 | MW-1 at 4 feet bgs | 400 mg/kg | Not analyzed | --- | 15 ug/L |

*See SAIC's November 22, 2004 Site Assessment Report for analytical results

Note: **Bold** when maximum concentration above ADEC cleanup level.

Only one soil sample, MW-1 at 4 feet, contained petroleum hydrocarbons at concentrations above the ADEC clean up levels within the "Under 40-inch zone" for the inhalation pathway. The sample was collected during installation of a monitoring well approximately 10 feet south of the 6-inch diameter fuel pipeline. Likewise, the only groundwater sample to contain petroleum hydrocarbons (GRO, DRO, benzene, and toluene) above the ADEC groundwater cleanup level was collected from well MW-1.

Comparison of the concentrations of volatile organic compounds in groundwater detected using EPA Method 8260 revealed that only concentrations of benzene and toluene collected from well MW-1 exceeded the ADEC groundwater cleanup levels.

FINDINGS

Conclusions based on the results of this and previous investigative activities are presented below.

Groundwater Elevation: During the March 30, 2005 groundwater monitoring event, the depth to groundwater in wells MW-1 through MW-6 ranged from 9.98 to 10.42 feet below the top of well casings. Groundwater elevations ranged from 416.74 to 416.86 feet above mean sea level. A summary of the depth to groundwater and calculated groundwater elevations are presented in Table 1, and depicted graphically on Figure 6. Compared with the previous monitoring event conducted on August 19, 2004, the groundwater elevations in the monitoring wells have decreased an average of 3.71 feet.

Groundwater Gradient: The groundwater gradient, as calculated from the March 30, 2005 groundwater monitoring event, is generally in a westerly direction at a magnitude of 0.002 in the western portion of the site, and is relatively flat in the eastern portion of the site. This is consistent with the groundwater gradient direction calculated during the August 19, 2004 monitoring event.

Concentrations of Petroleum Hydrocarbons in Groundwater: The concentrations of GRO, DRO, and BTEX concentrations detected in Well MW-1 during the March 30, 2005 sampling event decreased compared with the results of the August 19, 2005 sampling event. The concentrations of dissolved-phase hydrocarbons in the other monitoring wells have generally decreased except for an increase in GRO concentration in MW-3 and DRO in MW-5.

Extent of Petroleum Hydrocarbons in Groundwater: As shown on Figure 7, the detectable concentrations of dissolved-phase GRO are primarily limited to wells MW-1 and MW-3. MW-1 is located approximately 15 feet southeast of the FIA fuel pipeline, and MW-3 is located in the area of the former aboveground storage tanks. Concentrations of GRO and benzene above the ADEC Groundwater Cleanup Levels are limited to Well MW-1. Concentrations of DRO are limited to MW-1, MW-2, and MW-5. Concentrations of DRO above the ACED Groundwater Cleanup Levels during the March 30, 2005 sampling event were detected in wells MW-2 and MW-5

CONCLUSIONS

Conclusions based on the results and findings of groundwater sampling and analysis conducted to date indicate the following:

Local Setting: The site is located in an industrial area of FIA near various off-site documented fuel releases located in up-gradient, cross-gradient, and down-gradient directions from the site.

Comparison of Groundwater Concentrations to ADEC Cleanup Levels: As shown on Table 2, concentrations of dissolved-phase petroleum hydrocarbons above ADEC cleanup levels during the March 30, 2005 sampling event were detected in the sample collected from Well MW-1 (GRO and benzene) and Well MW-5 (DRO). Well MW-1 is located approximately 10 feet southeast of the FIA fuel pipeline and MW-5 is an up-gradient well near the property boundary of the MAPCO facility.

Groundwater Concentration Trends: Based on the results of the August 19, 2004 and March 30, 2005 groundwater sampling events, concentrations of dissolved-phase petroleum hydrocarbons are generally stable or decreasing.

CLOSING

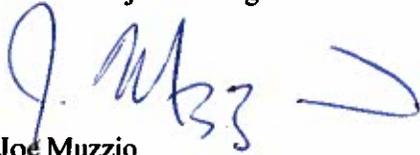
Should you have any question, please call Brady Nagle of SAIC at (408) 356-4653.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



Brady Nagle
Senior Project Manager



Joe Muzzio
Program Manager

Tables: 1 - Summary of Soil Analytical Results
2 - Summary of Groundwater Monitoring and Analytical Results for Petroleum Hydrocarbons
3 - Summary of Groundwater Analytical Results for Volatile Organic Analysis

Figures: 1 - Site Vicinity Map
2 - Fairbanks Airport
3 - Aerial Photograph
4 - Site Area Detail
5 - Site Plan
6 - Potentiometric Groundwater Elevation Contour Map – March 30, 2005
7 - Chemical Concentrations in Groundwater – March 30, 2005

Attachments: A - Well Monitoring Data Sheets
B - Laboratory Analytical Reports

cc: Mr. Gerald O'Regan, Chevron Products Company, P.O. Box 6012, San Ramon, California
94583-0804
Ms. Kristen DuBois, Fairbanks International Airport, 6450 Airport Way, Site 1, Fairbanks, Alaska
99709

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Former Texaco Bulk Fuel Terminal No. 301726
Fairbanks International Airport, Fairbanks, Alaska

| Well/Boring Name | Depth (feet) | Date | GRO (a) | DRO (b) | RRO (b) | Benzene (c) (mg/kg) | Toluene (c) (mg/kg) | Ethylbenzene (c) (mg/kg) | Xylenes (c) (mg/kg) | Lead (mg/kg) | Dry Weight (d) (Percentage) |
|------------------|--------------|----------|--|---|---|------------------------|------------------------|-----------------------------|------------------------|-----------------|--------------------------------|
| | | | C ₆ -C ₁₀ (mg/kg) | C ₁₀ -C ₂₅ (mg/kg) | C ₂₅ -C ₃₆ (mg/kg) | | | | | | |
| B-1 | 4 | 08/17/04 | <1.31 | <29.2 | <58.3 | <0.00654 | <0.0131 | <0.0131 | <0.0196 | 6.42 | 73.2 |
| | 8 | 08/17/04 | <1.05 | <28.8 | <57.7 | <0.00526 | <0.0105 | 0.0132 | 0.0367 | 3.03 | 78.2 |
| B-2 | 3.5 | 08/17/04 | <1.13 | <29.2 | <58.4 | <0.00563 | <0.0113 | <0.0113 | <0.0203 | 6.10 | 79.8 |
| | 6.5 | 08/17/04 | <1.02 | <29.2 | <58.4 | <0.00509 | <0.0102 | <0.0102 | <0.0153 | 5.25 | 75.9 |
| B-3 | 3.5 | 08/17/04 | 18.9 | 1,570 | <57.9 | <0.00481 | <0.00961 | 0.0829 | 0.314 | 3.71 | 93.4 |
| | 6.5 | 08/17/04 | 2.61 | 2,430 | <56.3 | <0.00558 | <0.0112 | <0.0112 | 0.03 | 4.36 | 77.4 |
| B-4 | 3.5 | 08/17/04 | 222 | 1,770 | <58.1 | 4.49 | 8.34 | 10.6 | 22.3 | 7.44 | 66.5 |
| | 6.5 | 08/17/04 | 12.7 | <28.8 | <57.6 | 0.174 | 0.110 | 0.171 | 0.547 | 3.94 | 76.0 |
| B-5 | 3.5 | 08/17/04 | <1.02 | 284 | <58.4 | 0.0207 | <0.0102 | <0.0102 | <0.0153 | 2.86 | 87.3 |
| | 6.5 | 08/17/04 | 5.35 | <29.0 | <58.0 | <0.00576 | <0.0115 | <0.0115 | <0.0173 | 5.71 | 77.3 |
| B-6 | 6.5 | 08/17/04 | <0.952 | <28.1 | <56.2 | <0.00476 | <0.00952 | <0.00952 | <0.0143 | 4.71 | 75.0 |
| B-7 | 3.5 | 08/17/04 | <1.03 | <29.0 | <58.0 | <0.00515 | <0.0103 | <0.0103 | <0.0155 | 3.83 | 94.6 |
| | 6.5 | 08/17/04 | <1.06 | <29.3 | <58.6 | <0.00530 | <0.0106 | <0.0106 | <0.0159 | 4.46 | 82.1 |
| B-8 | 6.5 | 08/17/04 | <0.934 | <28.9 | <57.8 | 0.00794 | <0.00934 | <0.00934 | <0.0140 | 6.56 | 76.0 |
| B-9 | 6.5 | 08/17/04 | <1.01 | <28.6 | <57.2 | <0.00507 | <0.0101 | <0.0101 | <0.0152 | 5.22 | 75.8 |
| B-11 | 5 | 08/18/04 | 86.2 | 2,640 | <57.6 | <0.0757 | <0.151 | 0.222 | 15.9 | 9.09 | 81.3 |
| B-12 | 3.5 | 08/18/04 | 330 | 306 | <57.2 | <0.218 | 0.838 | 3.91 | 38.0 | 8.82 | 74.3 |
| | 6.5 | 08/18/04 | <1.26 | <28.1 | <56.3 | <0.00630 | <0.0126 | <0.0126 | 0.110 | 6.80 | 69.9 |
| B-13 | 5 | 08/18/04 | <1.42 | <29.3 | <58.7 | <0.00709 | <0.0142 | <0.0142 | <0.0213 | 6.69 | 79.7 |

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Former Texaco Bulk Fuel Terminal No. 301726
Fairbanks International Airport, Fairbanks, Alaska

| Well/Boring Name | Depth (feet) | Date | GRO (a) | DRO (b) | RRO (b) | Benzene (c) | Toluene (c) | Ethylbenzene (c) | Xylenes (c) | Lead | Dry Weight (d) |
|------------------------|--------------|----------|--|---|---|-------------|-------------|------------------|-------------|-------|----------------|
| | | | C ₆ -C ₁₀ (mg/kg) | C ₁₀ -C ₂₅ (mg/kg) | C ₂₅ -C ₃₆ (mg/kg) | | | | | | |
| MW-1 | 4 | 08/17/04 | 339 | 30,900 | <5,820 | 16.9 | 18.5 | 9.54 | 76.5 | 10.20 | 80.0 |
| | 8 | 08/17/04 | 67.5 | 1,170 | <58.2 | 0.362 | 1.18 | 0.384 | 9.80 | 4.68 | 83.2 |
| | 14.5 | 08/18/04 | 222 | 198 | <56.7 | 0.732 | 9.82 | 2.57 | 31.7 | 3.47 | 78.0 |
| MW-2 | 3.5 | 08/17/04 | <1.83 | <28.8 | <57.6 | 0.0113 | <0.0183 | <0.0183 | <0.0275 | 5.56 | 86.5 |
| | 6.5 | 08/17/04 | <1.12 | <29.3 | <58.6 | <0.00558 | <0.0112 | <0.0112 | <0.0167 | 4.64 | 77.8 |
| | 14.5 | 08/18/04 | <1.35 | <29.2 | <58.3 | <0.00673 | <0.0135 | <0.0135 | <0.0202 | 3.00 | 81.2 |
| MW-3 | 6.5 | 08/17/04 | <0.941 | <29.1 | <58.2 | <0.00471 | <0.00941 | <0.00941 | <0.0141 | 5.98 | 78.5 |
| MW-4 | 6.5 | 08/18/04 | <1.06 | <29.0 | <58.1 | <0.00528 | <0.0106 | <0.0106 | <0.0158 | 4.26 | 74.9 |
| MW-5 | 6.5 | 08/18/04 | <1.03 | <28.2 | <56.4 | <0.00514 | <0.0103 | <0.0103 | <0.0154 | 5.38 | 76.4 |
| MW-6 | 3.5 | 08/18/04 | <1.42 | <28.5 | <56.9 | <0.00710 | <0.0142 | <0.0142 | 0.0228 | 6.42 | 77.1 |
| | 6.5 | 08/18/04 | <1.05 | <28.6 | <57.2 | <0.00523 | <0.0105 | <0.0105 | <0.0157 | 4.15 | 81.1 |
| | 14.5 | 08/18/04 | <1.11 | <29.2 | <58.4 | <0.00553 | <0.0111 | <0.0111 | <0.0166 | 3.34 | 78.9 |
| SP-1-Comp | — | 08/18/04 | 23.9 | — | — | 0.0166 | 0.0659 | 0.254 | 2.22 | 4.75 | — |
| ADEC Cleanup Level (e) | — | — | 1,400 | 125,000 | 220,000 | 9 | 180 | 89 | 81 | 400 | — |

Abbreviations:

TPHg = Total petroleum hydrocarbons by gasoline.
 TPHd = Total petroleum hydrocarbons by diesel.
 mg/kg = milligrams per kilogram
 <x.xx = Not detected at method detection limit.
 — = Not analyzed/applicable

Notes:

- (a) TPHg analyzed by Method AK101.
- (b) TPHd and residual range organics analyzed by Method AK102/RRO.
- (c) Benzene, toluene, ethylbenzene, total xylenes, and analyzed by EPA Method 8260B.
- (d) Dry weight physical parameters analyzed by EPA Methods APHA/ASTM.
- (e) Alaska Department of Environmental Conservation, 18 ACC 75 – Oil and Other Hazardous Substances Pollution Control, May 26, 2004, Tables B1 and B2 for the inhalation pathway in the under 40 inch zone.

TABLE 2
SUMMARY OF GROUNDWATER MONITORING AND ANALYTICAL RESULTS FOR PETROLEUM HYDROCARBONS

Former Texaco Bulk Fuel Terminal No. 301726
 Fairbanks International Airport, Fairbanks, Alaska

| Well/Boring Name | Date | Top of Casing (feet) | Depth to Water (feet) | Groundwater Elevation (msl) | GRO (a) C ₆ -C ₁₀ (µg/L) | DRO (b) C ₁₀ -C ₂₅ (µg/L) | RRO (b) C ₂₅ -C ₃₆ (µg/L) | Benzene (c) (µg/L) | Toluene (c) (µg/L) | Ethylbenzene (c) (µg/L) | Xylenes (c) (µg/L) |
|------------------------|----------|----------------------|-----------------------|-----------------------------|--|---|---|-----------------------|-----------------------|----------------------------|-----------------------|
| MW-1 | 08/19/04 | 426.84 | 6.37 | 420.47 | 27,200 | 33,400 | <480 | 1,770 | 3,790 | 261 | 3,750 |
| MW-1 | 03/30/05 | 426.84 | 10.09 | 416.75 | 9,000 | 436 | <388 | 729 | 343 | 186 | 936 |
| MW-2 | 08/19/04 | 426.73 | 6.29 | 420.44 | <50.0 | — (d) | — (d) | <0.200 | <0.500 | <0.500 | <1.00 |
| MW-2 | 03/30/05 | 426.73 | 9.98 | 416.75 | <50.0 | 4,040 | 427 | <0.500 | <0.500 | <0.500 | <1.50 |
| MW-3 | 08/19/04 | 427.16 | 6.73 | 420.43 | 89.4 | 1,190 | <480 | 0.774 | <0.500 | 5.83 | 3.18 |
| MW-3 | 03/30/05 | 427.16 | 10.42 | 416.74 | 181 | <391 | <391 | 0.979 | <0.500 | 24.1 | 6.94 |
| MW-4 | 08/19/04 | 427.02 | 6.59 | 420.58 | <50.0 | <400 | <480 | 0.300 | <0.500 | <0.500 | <1.00 |
| MW-4 | 03/30/05 | 427.02 | 10.29 | 416.86 | <50.0 | <385 | <385 | <0.500 | <0.500 | <0.500 | <1.50 |
| MW-5 | 08/19/04 | 426.89 | 6.44 | 420.53 | <50.0 | <400 | <480 | <0.200 | <0.500 | <0.500 | <1.00 |
| MW-5 | 03/30/05 | 426.89 | 10.16 | 416.81 | <50.0 | 3,310 | 436 | <0.500 | <0.500 | <0.500 | <1.50 |
| MW-6 | 08/19/04 | 426.82 | 6.36 | 420.46 | <50.0 | <400 | <480 | 0.351 | <0.500 | <0.500 | <1.00 |
| MW-6 | 03/30/05 | 426.82 | 10.08 | 416.74 | <50.0 | <388 | <388 | <0.500 | <0.500 | <0.500 | <1.50 |
| Trip Blank | 03/30/05 | — | — | — | <50.0 | <400 | <480 | <0.500 | <0.500 | <0.500 | <1.50 |
| ADEC Cleanup Level (e) | | — | — | — | 1,300 | 1,500 | 1,100 | 5 | 1,000 | — | 10,000 |

Abbreviations:

TPHg = Total petroleum hydrocarbons by gasoline.
 TPHd = Total petroleum hydrocarbons by diesel.
 Cx-Cx = Carbon range.
 µg/L = milligrams per kilogram.
 <x.xx = Not detected at method detection limit.
 — = Not analyzed/applicable

Notes:

- (a) GRO analyzed by Method AK101/EPA 8021B.
- (b) DRO and RRO and residual range organics analyzed by Method AK102/RRO.
- (c) Benzene, toluene, ethylbenzene, total xylenes, and analyzed by EPA Method 8260B.
- (d) MW-2 was not analyzed for TPHd or residual range organics because there was insufficient sample volume due to breakage during shipping.
- (e) Alaska Department of Environmental Conservation , 18 ACC 75 – Oil and Other Hazardous Substances Pollution Control, May 26, 2004, Table C.

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS

Former Texaco Bulk Fuel Terminal No. 301725
Fairbanks International Airport, Fairbanks, Alaska

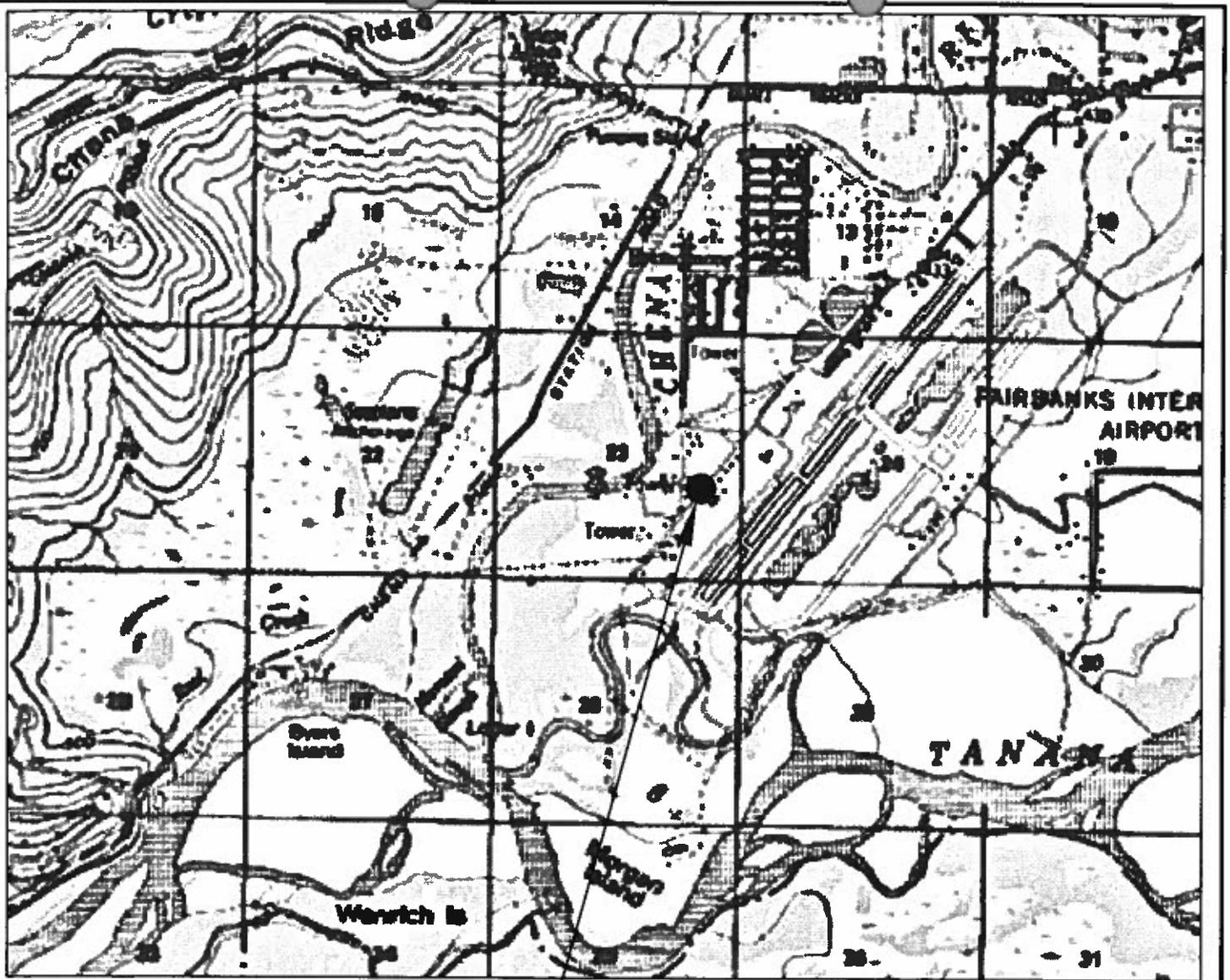
| Well/Boring Name | Date | Benzene (µg/L) | n-BB (µg/L) | sec-BB (µg/L) | tert-BB (µg/L) | Chloroethane (µg/L) | Chloroform (µg/L) | 1,1-DCA (µg/L) | Ethylbenzene (µg/L) | IPB (µg/L) | p-IPT (µg/L) | Naphthalene (µg/L) | n-PB (µg/L) | Toluene (µg/L) | 1,1,1-TCA (µg/L) | TCFM (µg/L) | 1,2,4-TMB (µg/L) | 1,3,5-TMB (µg/L) | o-Xylene (µg/L) | m,p-Xylene (µg/L) |
|------------------------|----------|----------------|-------------|---------------|----------------|---------------------|-------------------|----------------|---------------------|------------|--------------|--------------------|-------------|----------------|------------------|-------------|------------------|------------------|-----------------|-------------------|
| MW-1 | 08/19/04 | 785 | 24.2 | 10.0 | 2.57 | <1.00 | <1.00 | <1.00 | 255 | 24.7 | 25.6 | 205 | 25.7 | 962 | <1.00 | 14.5 | 445 | 207 | 755 | 859 |
| MW-1 | 03/30/05 | 735 | <25.0 | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | 156 | 11.2 | <10.0 | 136 | 6.15 | 344 | <5.00 | <5.00 | 114 | 62.6 | 237 | 512 |
| MW-1 re (a) | 08/19/04 | 1,350 | <100 | <100 | <100 | <100 | <100 | <100 | 266 | <100 | <100 | 483 | <100 | 4,050 | <100 | <100 | 460 | 203 | 1,990 | 2,340 |
| MW-2 | 08/19/04 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 4.90 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 13.2 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-2 | 03/30/05 | <1.00 | <5.00 | <1.00 | <1.00 | <1.00 | 1.58 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | <1.00 | <1.00 | <1.00 | 1.25 | 19.3 | <1.00 | <1.00 | <2.00 |
| MW-3 | 08/19/04 | <1.00 | <1.00 | 1.06 | <1.00 | <1.00 | 4.75 | <1.00 | 7.12 | 5.83 | <1.00 | 23.0 | 3.00 | <1.00 | <1.00 | 4.84 | 2.40 | 10.3 | <1.00 | 2.71 |
| MW-3 | 03/30/05 | 1.09 | <5.00 | 5.23 | <1.00 | 1.26 | <1.00 | 1.75 | 15.8 | 15.3 | 5.09 | 139 | 11.9 | <1.00 | <1.00 | 2.97 | 1.47 | 9.48 | <1.00 | 3.40 |
| MW-4 | 08/19/04 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 1.05 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-4 | 03/30/05 | <1.00 | <5.00 | <1.00 | <1.00 | <1.00 | <1.00 | 1.53 | <1.00 | <2.00 | <2.00 | <2.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-5 | 08/19/04 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 5.97 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-5 | 03/30/05 | <1.00 | <5.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | <1.00 | <1.00 | <1.00 | 12.1 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-6 | 08/19/04 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 4.33 | <1.00 | <1.00 | <1.00 | <2.00 |
| MW-6 | 03/30/05 | <1.00 | <5.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | <1.00 | <1.00 | <1.00 | 3.3 | <1.00 | <1.00 | <1.00 | <2.00 |
| Trip Blank | 03/30/05 | <1.00 | <5.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 |
| ADEC Cleanup Level (b) | | 5 | — | — | — | — | 100 | 3,650 | — | — | — | 700 | — | 1,000 | — | — | — | — | — | 10,000 |

Abbreviations:

n-BB = n-Butylbenzene
 sec-BB = sec-Butylbenzene
 tert-BB = tert-Butylbenzene
 1,1-DCA = 1,1-Dichloroethane
 IPB = Isopropylbenzene
 p-IPT = p-Isopropyltoluene
 n-PB = n-Propylbenzene
 TCFM = Trichlorofluoromethane
 1,2,4-TMB = 1,2,4-Trimethylbenzene
 1,3,5-TMB = 1,3,5-Trimethylbenzene
 µg/L = milligrams per kilogram.
 <x.xx = Not detected at method detection limit.

Notes:

All volatile organic compounds analyzed by EPA Method 8260B
 (a) The reported values for MW-1 exceeded the capacity of the detector and therefore is unreliable. MW-1 was reanalyzed with a higher reporting limit. Results are reported as "MW-1 re"
 (b) Alaska Department of Environmental Conservation, 18 ACC 75 – Oil and Other Hazardous Substances Pollution Control, May 26, 2004, Table C.

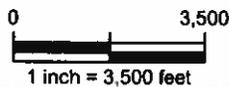
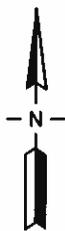


SITE LOCATION

Source: USGS Quadrangle Map 7.5' Minute Series Fairbanks, Alaska. D-2 SW.



QUADRANGLE LOCATION



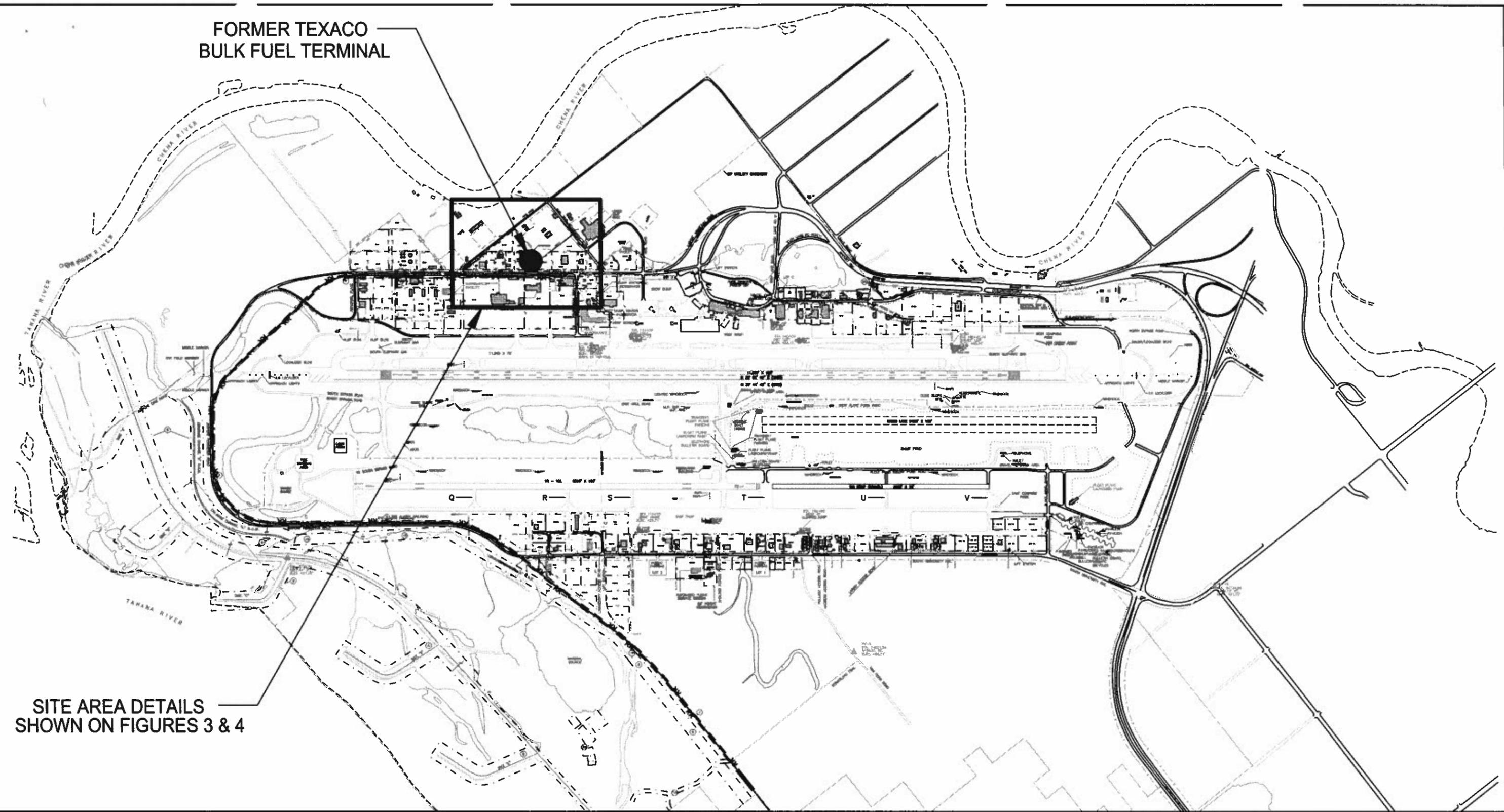
SITE LOCATION MAP

Former Texaco Bulk Fuel Terminal
Block 10, Lot 5, Fairbanks International Airport
Fairbanks, Alaska

| | | | | |
|---------|---------------------|---------|----------|--------------------|
| Drawn | CTO | Checked | Approved | Figure 1 |
| Date | 5/3/05 | Date | Date | |
| Job no. | 06-6102-00-7147-020 | | File no. | |

SAIC Science Applications
International Corporation
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**FORMER TEXACO
BULK FUEL TERMINAL**

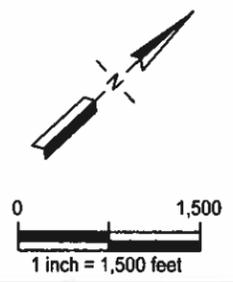


**SITE AREA DETAILS
SHOWN ON FIGURES 3 & 4**

FAIRBANKS AIRPORT

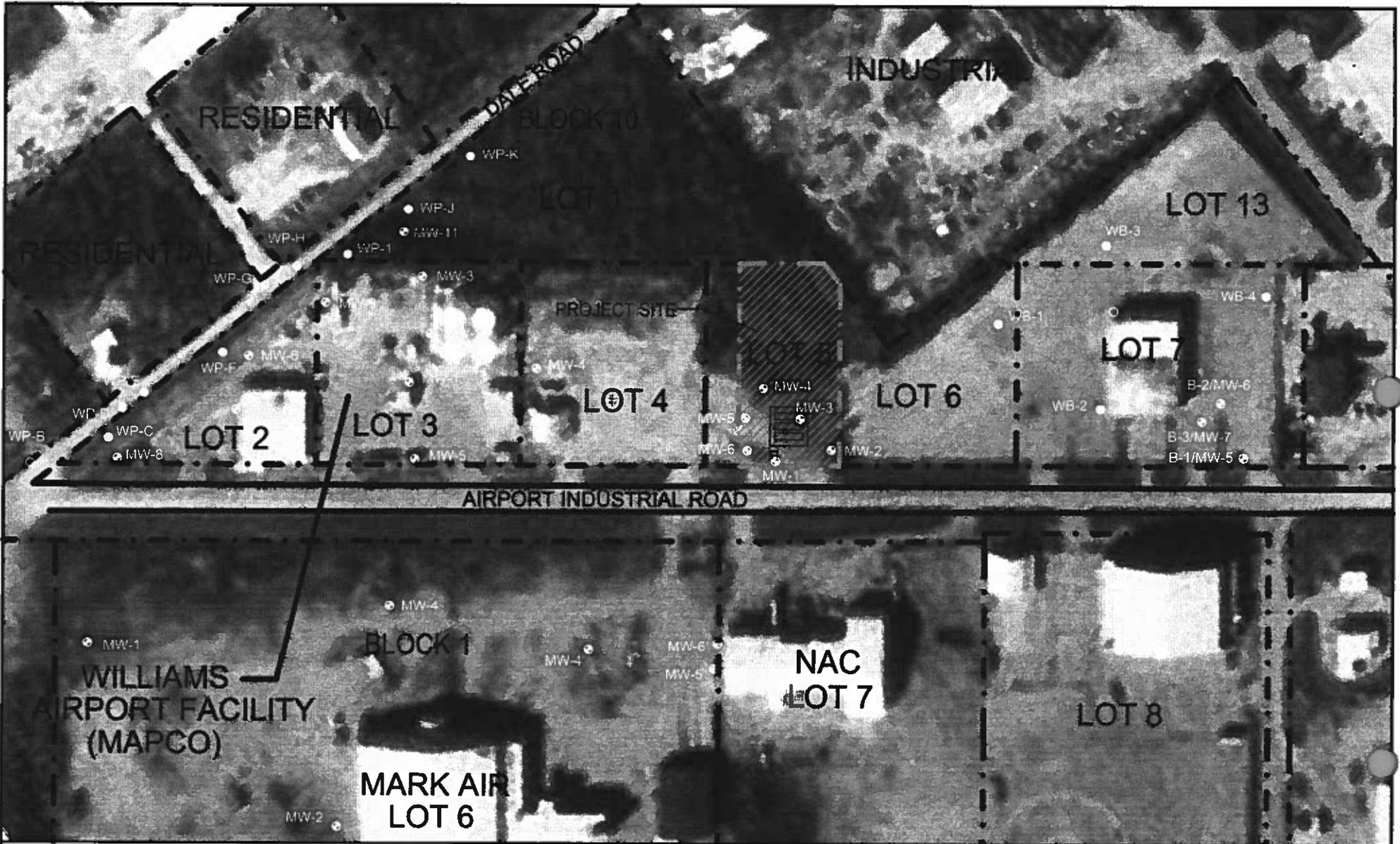
Former Texaco Bulk Fuel Terminal
Block 10, Lot 5, Fairbanks International Airport
Fairbanks, Alaska

| | | | | |
|---------|---------------------|---------|----------|----------|
| Drawn | CTO | Checked | Approved | Figure |
| Date | 5/3/05 | Date | Date | 2 |
| Job no. | 06-6102-00-7147-020 | | File no. | |



N:\CAD Data and Terminal\Map\figs2

Basemap Modified from

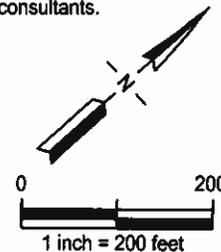


LEGEND

- MW-2 CHEVRON MONITORING WELL LOCATION AND DESIGNATION
- MW-2 MONITORING WELL LOCATION AND DESIGNATION
- WP-C SOIL BORING LOCATION AND DESIGNATION
- DOMESTIC WELL LOCATION
- PROPERTY BOUNDARY

NOTE

1. Borings and wells were installed by other consultants.

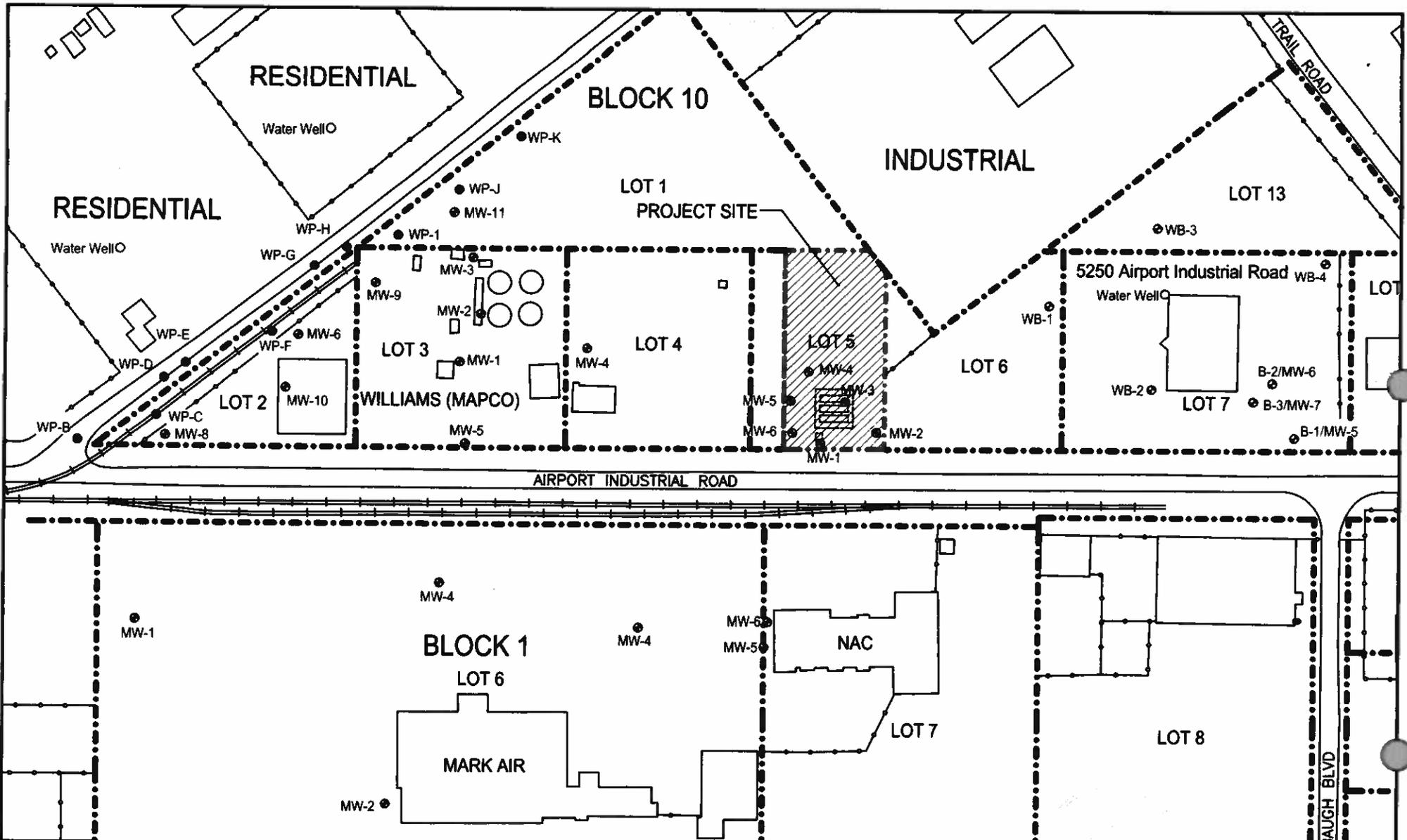


AERIAL PHOTOGRAPH

Former Texaco Bulk Fuel Terminal
Block 10, Lot 5, Fairbanks International Airport
Fairbanks, Alaska

| | | | | |
|---------|---------------------|---------|----------|----------|
| Drawn | CTO | Checked | Approved | Figure |
| Date | 5/3/05 | Date | Date | 3 |
| Job no. | 06-6102-00-7147-020 | | File no. | |

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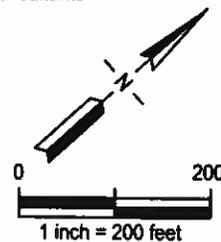


LEGEND

-  CHEVRON MONITORING WELL LOCATION AND DESIGNATION
-  MONITORING WELL LOCATION AND DESIGNATION
-  SOIL BORING LOCATION AND DESIGNATION
-  PROPERTY BOUNDARY
-  FENCELINE

NOTE

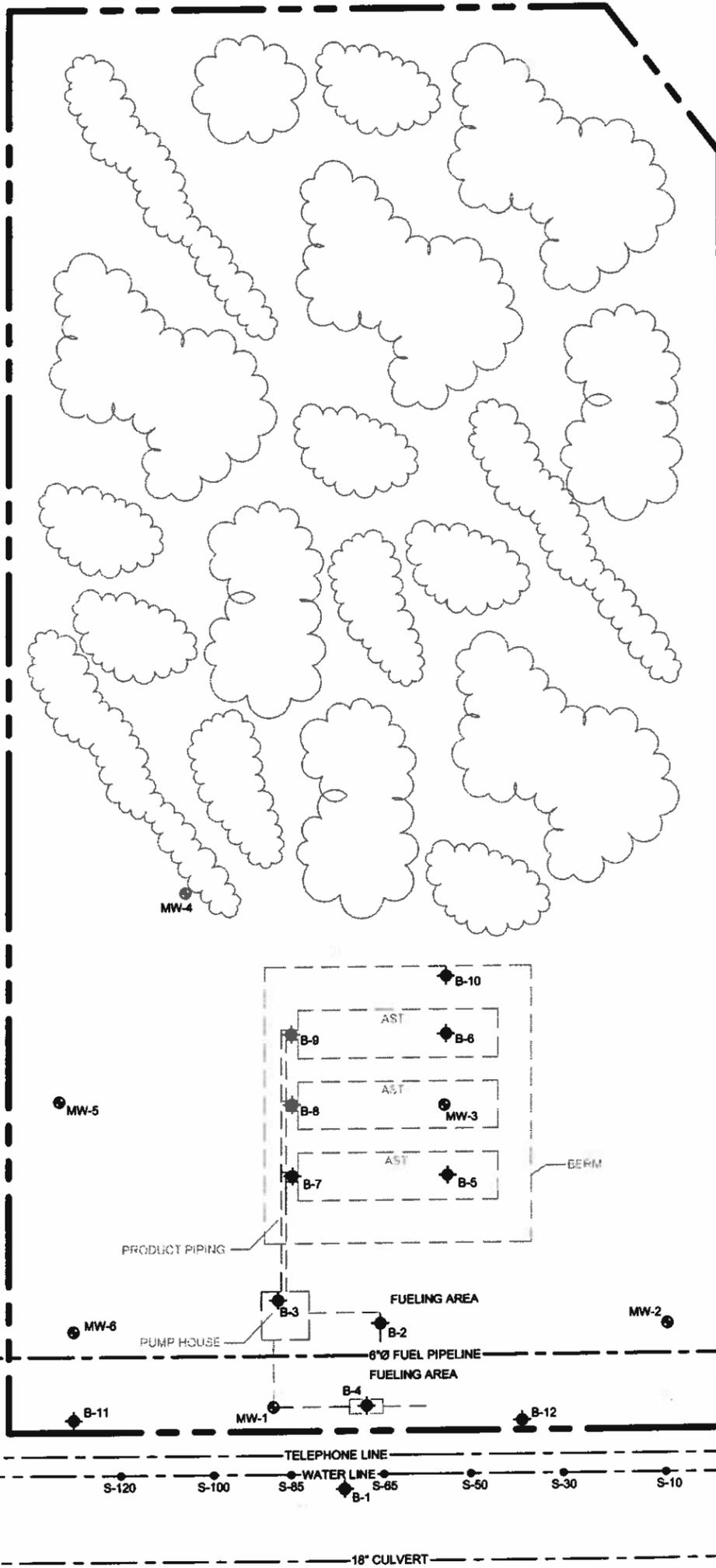
1. Borings and wells were installed by other consultants



**SITE AREA DETAIL
OFF SITE
ENVIRONMENTAL INVESTIGATIONS**
Former Texaco Bulk Fuel Terminal
Block 10, Lot 5, Fairbanks International Airport
Fairbanks, Alaska

| | | | |
|--------------------------------|-----------------|------------------|--------------------|
| Drawn CTO | Checked Date | Approved Date | Figure 4 |
| Date 5/5/05 | Date | Date | |
| Job no. 06-6102-00-7147-020 | | File no. | |

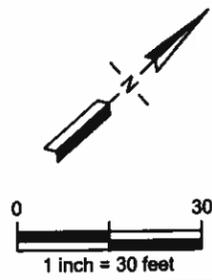
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AIRPORT INDUSTRIAL ROAD

LEGEND

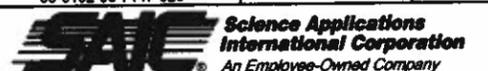
- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING LOCATION
- PID SURVEY LOCATIONS
- AST** ABOVE GROUND STORAGE TANK
- PROPERTY BOUNDARY
- FORMER SITE FEATURES
- TREES AND BRUSH
- RAILROAD



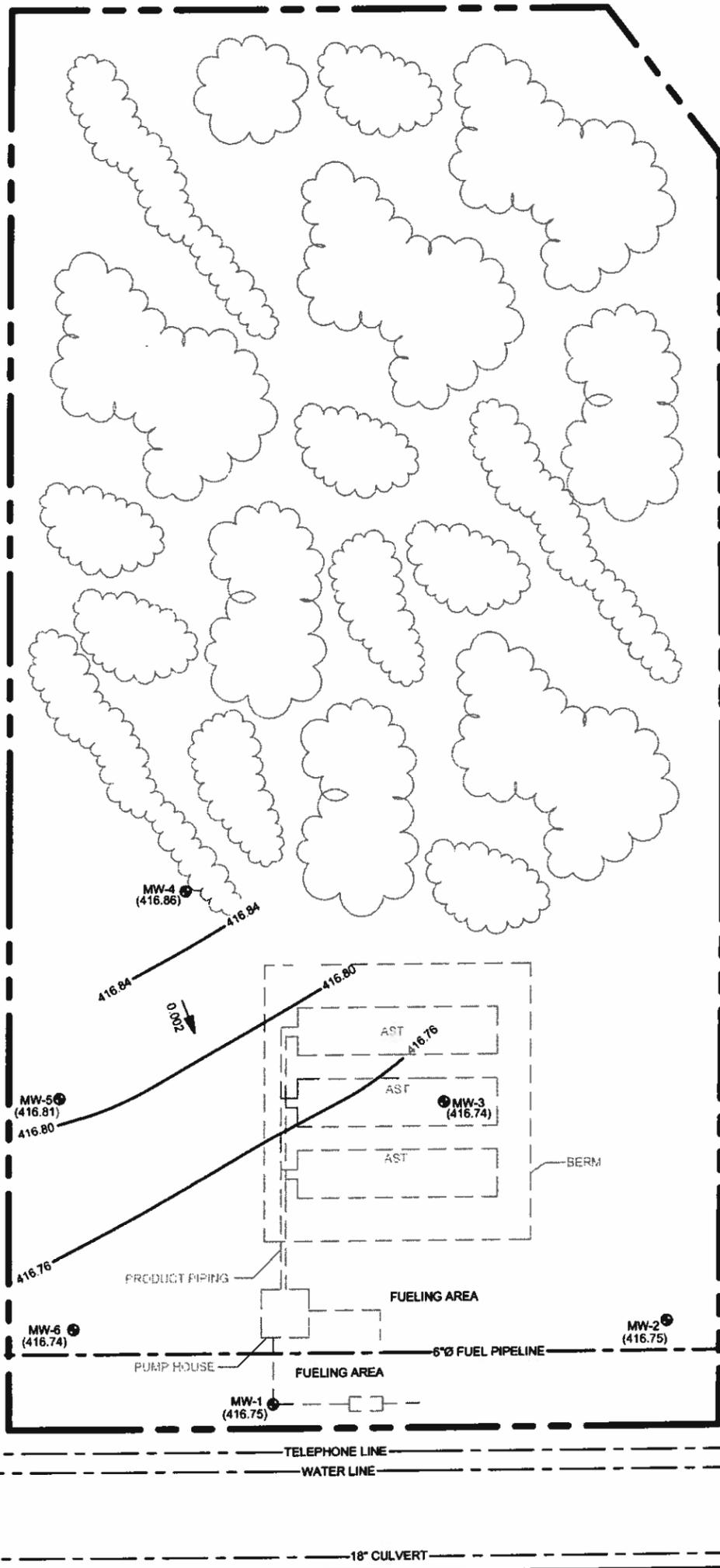
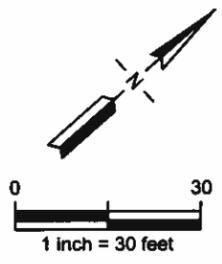
SITE PLAN

Former Texaco Bulk Fuel Terminal
 Block 10, Lot 5, Fairbanks International Airport
 Fairbanks, Alaska

| | | | | |
|---------|---------------------|---------|----------|----------|
| Drawn | CTO | Checked | Approved | Figure |
| Date | 5/3/05 | Date | Date | 5 |
| Job no. | 06-6102-00-7147-020 | | File no. | |



Source: Basemap modified from Fuel System Plan provided by Texaco.



AIRPORT INDUSTRIAL ROAD

LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- AST ABOVE GROUND STORAGE TANK
- PROPERTY BOUNDARY
- - - - FORMER SITE FEATURES
- ++++ RAILROAD

- TREES AND BRUSH
- (416.86) GROUNDWATER ELEVATION MEASURED IN FEET RELATIVE TO MEAN SEA LEVEL (MSL)
- 416.84 GROUNDWATER ELEVATION CONTOUR MEASURED IN FEET RELATIVE TO MEAN SEA LEVEL (MSL)
- ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION (GRADIENT (i) = 0.002 ft/ft.)

POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP
March 30, 2005

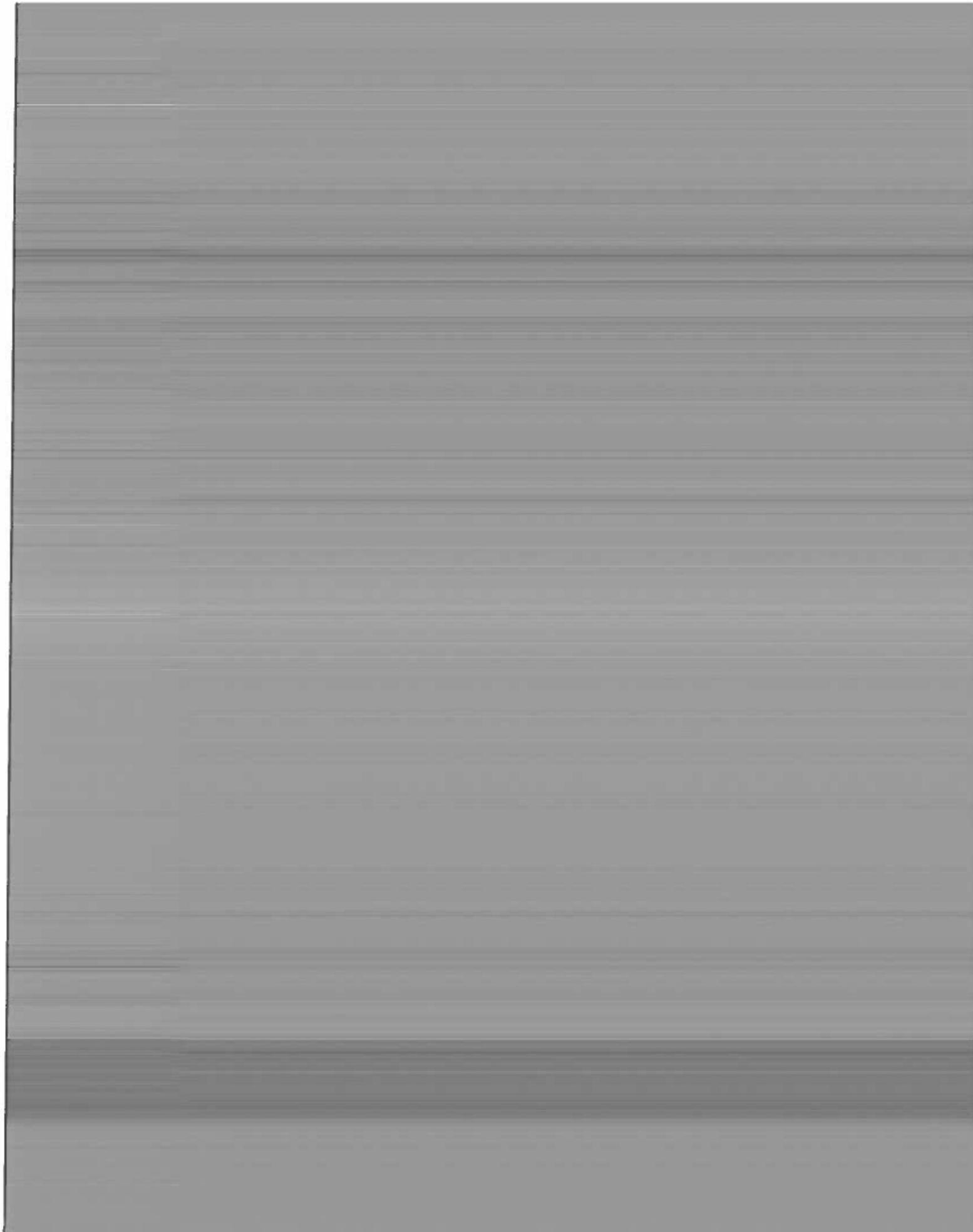
Former Texaco Bulk Fuel Terminal
Block 10, Lot 5, Fairbanks International Airport
Fairbanks, Alaska

| | | | |
|-----------------------------|---------|----------|----------|
| Drawn CTO | Checked | Approved | Figure |
| Date 5/3/05 | Date | Date | 6 |
| Job no. 06-6102-00-7147-020 | | | File no. |

SAC Science Applications International Corporation
An Employee-Owned Company

Source: Basemap modified from Fuel System Plan provided by Texaco.

ATTACHMENT A
WELL MONITORING DATA SHEETS



SAIC-FIELD NOTES

| | | | |
|-----------------|-------------------|-----------------|-------------|
| Date & Time | 3/30/05 | Arrival Time: | 8:30 AM |
| Job Number | 301726 | Departure Time: | |
| Site & Address | FAIRBANKS AIRPORT | Hrs On-site: | |
| Street | AIRPORT INDRD. | Personnel: | K.D./S.K. |
| Personnel | K.D./S.K. | Mileage: | GENERAL AIR |
| Project Manager | BRADY NAGSE | Other: | SUNT, 25°F |
| Health & Safety | K.D. | | |

Action Items

Field Notes

9:00 FRED BEVELS FOR MATERIALS
 9:40 RECON SITE LOCATE WELLS RELOC SITE
 (AND) PREPARE EQUIPMENT
 10:00 WELLS DTW TO ID** (DTW = TOC)
 10:11 MW-2 9.75 13.30
 10:18 MW-4 10.29 13.90
 10:32 MW-5 10.16 14.15
 10:42 MW-6 10.08 13.75
 10:47 MW-3 10.42 13.77
 10:53 MW-1 10.09 13.64
 11:00 START PURGING WELLS
 12:45 FINISH PURGING WELLS
 ALLOW WELLS TO RECHARGE
 PREPARE FOR SAMPLING

Print Name:

Signature:

Date:

Chevron/Taco Groundwater Sampling Form



MW-2

Diablo 6075

TEX. Project: _____
 Chevron-Facility No.: 501726
 Date: 5/3/05
 Time Onsite: 7:30

Location: EMERSONS AIRPORT
 Field Technician: RD/SK
 Time Offsite: _____

| Well Name | MW-2 | 2.00E | 2.00E | 2.00E | SAMPLE |
|--------------------------------|------------------|--------------|-------------|-------------|--------|
| Date Gauged | 5/3/05 | | | | |
| DTW | 9.78 | | | | |
| SPH Depth | N | | | | |
| Total Depth | 13.30 | | | | |
| Well Condition /Comments | GOOD | | | | |
| Purging Info | | | | | |
| Well Diameter (inches) | 2 | | | | |
| 3 Casing Volumes (gallons) | 1.7 | | | | |
| Volume Removed (gallons) TOTAL | | 1 | 2 | 3 | |
| Purge/Sample Method | WATER LEVEL L.P. | 12 UNIT PUMP | | | BAWOR |
| Start Time | 10:11 | 11:24 | 11:27 | 11:30 | 14:30 |
| Field Measurements: | | | | | |
| Temp | | 3.2 | 3.3 | 3.0 | |
| pH | | 4.07 | 4.36 | 4.07 | |
| Conductivity | | .659 | .641 | .654 | |
| ORP | | --- | --- | --- | |
| Dissolved Oxygen | | 1.87 | 1.76 | 3.30 | |
| Ferrous Iron | | --- | --- | --- | |
| Turbidity | | NR 3.2-N | NR 3.2-N | NR 3.2-N | |
| Comments | | | | | |

| | |
|---|-----------------|
| Remedial System? | Y (N) |
| Operating Upon Arrival? | Comments: |
| Shut Down System (1/2hr before gauging)? | Time: |
| Re-Start System? | Y Time: N Why? |
| Purge Water Disposal: | Date: Location: |
| Contact PM before leaving site? | |
| Conversion Factors: gal/ft 3/4" = 0.023 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 | |

Chevron Toraco Groundwater Sampling Form



TEX
 Project: _____
 Chevron Facility No.: 301766
 Date: 3/30/05
 Time Onsite: 4:30

Location: Block 10, LOT 5
FAIRBANKS, ALASKA
 Field Technician: K.D. KOK
 Time Offsite: _____

| Well Name | MW-1 | MW-4 | MW-5 | MW-6 | MW-3 | MW-1 |
|----------------------------|-----------------------|-------|-------|-------|-------|----------------------|
| Date Gauged | 3/30/05 | | | | | |
| DTW | 9.78 | 10.24 | 10.16 | 10.08 | 10.42 | 10.09 |
| SPH Depth | NONE | | | | | |
| Total Depth | 13.30 | 13.80 | 14.15 | 13.95 | 13.77 | 13.64 |
| Well Condition / Comments | Good | | | | | Submit PETITION CARD |
| Purging Info | | | | | | |
| Well Diameter (inches) | 2 | | | | | |
| 3 Casing Volumes (gallons) | 1.7 | 1.8 | 2.1 | 2.0 | 1.8 | 1.9 |
| Volume Removed (gallons) | 3 | | | | | |
| Purge/Sample Method | 12 VOLT PERMEATION | | | | | |
| Sample Time | | | | | | |
| Field Measurements: | | | | | | |
| Temp | 32, 3.3 | | | | | |
| pH | | | | | | |
| Conductivity | | | | | | |
| ORP | | | | | | |
| Dissolved Oxygen | | | | | | |
| Ferrous Iron | | | | | | |
| Turbidity | | | | | | |
| Comments | | | | | | |

Remedial System? Y N

Operating Upon Arrival? _____ Comments: _____

Shut Down System (1/2hr before gauging)? _____ Time: _____

Re-Start System? Y Time: _____ N Why? _____

Purge Water Disposal: _____ Date: _____ Location: _____

Contact PM before leaving site? _____

Conversion Factors: gal/ft 3/4" = 0.023 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6

Chevron Tocco Groundwater Sampling Form



MW-3

Block 16 Lot 57
SAGE-4148

TEX Project: _____
Chevron Facility No.: 30122
Date: 3/30/05
Time Onsite: 9:30

Location: _____
Field Technician: CD/SK
Time Offsite: _____

| Well Name | MW-3 | PURGE | PURGE | PURGE | SAMPLE |
|--------------------------------|-----------------------|-----------------------|--------------|-----------------------------|--------|
| Date Gauged | 3/30/05 | | | | |
| DTW TOC, FT. | 10.42 | | | | |
| SPH Depth | N | | | | |
| Total Depth TOC, FT. | 13.77 | | | | |
| Well Condition /Comments | GOOD | | | | |
| Well Diameter (inches) | 2 | | | | |
| 3 Casing Volumes (gallons) | 1.8 | | | | |
| Volume Removed (gallons) TOTAL | — | 1 | 2 | 3 | |
| Method | WATER W. 12 VOLT PUMP | | | | BAILOR |
| Time | 10:47 | 12:55 | 12:57 | 13:00 | 16:20 |
| Field Measurements: | | | | | |
| Temp C° | — | 2.1 | 2.2 | 2.2 | |
| pH | — | 4.32 | 4.32 | 4.30 | |
| Conductivity | — | .689 | .750 | .753 | |
| ORP | — | — | — | — | |
| Dissolved Oxygen | — | 1.84 | 1.35 | 0.96 | |
| Ferrous Iron | — | — | — | — | |
| Turbidity | — | SR BRN | TR BRN-CL | TR 10 715 | |
| Comments | | QUIET DET. ODOR | | CONTAINED PUMP RUBBER | |

Remedial System? Y (N)

Operating Upon Arrival? Y Comments: _____

Shut Down System (1/2hr before gauging)? _____ Time: _____

Re-Start System? _____ Y Time: _____ N Why? _____

Purge Water Disposal: _____ Date: _____ Location: _____

Contact PM before leaving site? _____

Conversion Factors: gal/ft 3/4" = 0.023 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6



TEX
 Project: _____
 Chevron Facility No.: 301726
 Date: 3/30/05
 Time Onsite: 4:30

Location: EMBB ARS
 Field Technician: LDISK
 Time Offsite: _____

| Well Name | MW-4 | PURCE | PURCE | PURCE | SAMPLE |
|---------------------------------------|----------------|--------------|-----------|-----------|---------|
| Date Gauged | 3/30/05 | | | | |
| DTW <u>10.27</u> | 10.27 | | | | |
| SPH Depth | N | | | | |
| Total Depth <u>13.80</u> | 13.80 | | | | |
| Well Condition / Comments | GOOD | | | | |
| Sampling Info | | | | | |
| Well Diameter (Inches) | 2 | | | | |
| 3 Casing Volumes (gallons) | 1.8 | | | | |
| Volume Removed (gallons) <u>TOTAL</u> | — | 1 | 2 | 3 | |
| Sample Method | WATER LEVEL M2 | 12-VOLT PUMP | | | BATTERY |
| Sample Time | 10:18 | 12:04 | 12:06 | 12:09 | 15:45 |
| Field Measurements: | | | | | |
| Temp <u>U</u> | — | 2.0 | 2.1 | 2.0 | |
| pH | — | 4.24 | 4.25 | 4.23 | |
| Conductivity | — | .649 | .641 | .596 | |
| ORP | — | — | — | — | |
| Dissolved Oxygen | — | 2.53 | 1.23 | 2.98 | |
| Ferrous Iron | — | — | — | — | |
| Turbidity | — | TR BRN | TR BRN | CLEAR-BRN | |
| Comments | | | | | |

| | |
|---|-----------------|
| Remedial System? | Y (N) |
| Operating Upon Arrival? | Comments: |
| Shut Down System (1/2hr before gauging)? | Time: |
| Re-Start System? | Y Time: N Why? |
| Purge Water Disposal: | Date: Location: |
| Contact PM before leaving site? | |
| Conversion Factors: gal/ft 3/4" = 0.023 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 | |

Chevron  Traco Groundwater Sampling Form



MW-6

Block 10 Lot 45

FAIRBANKS AREA

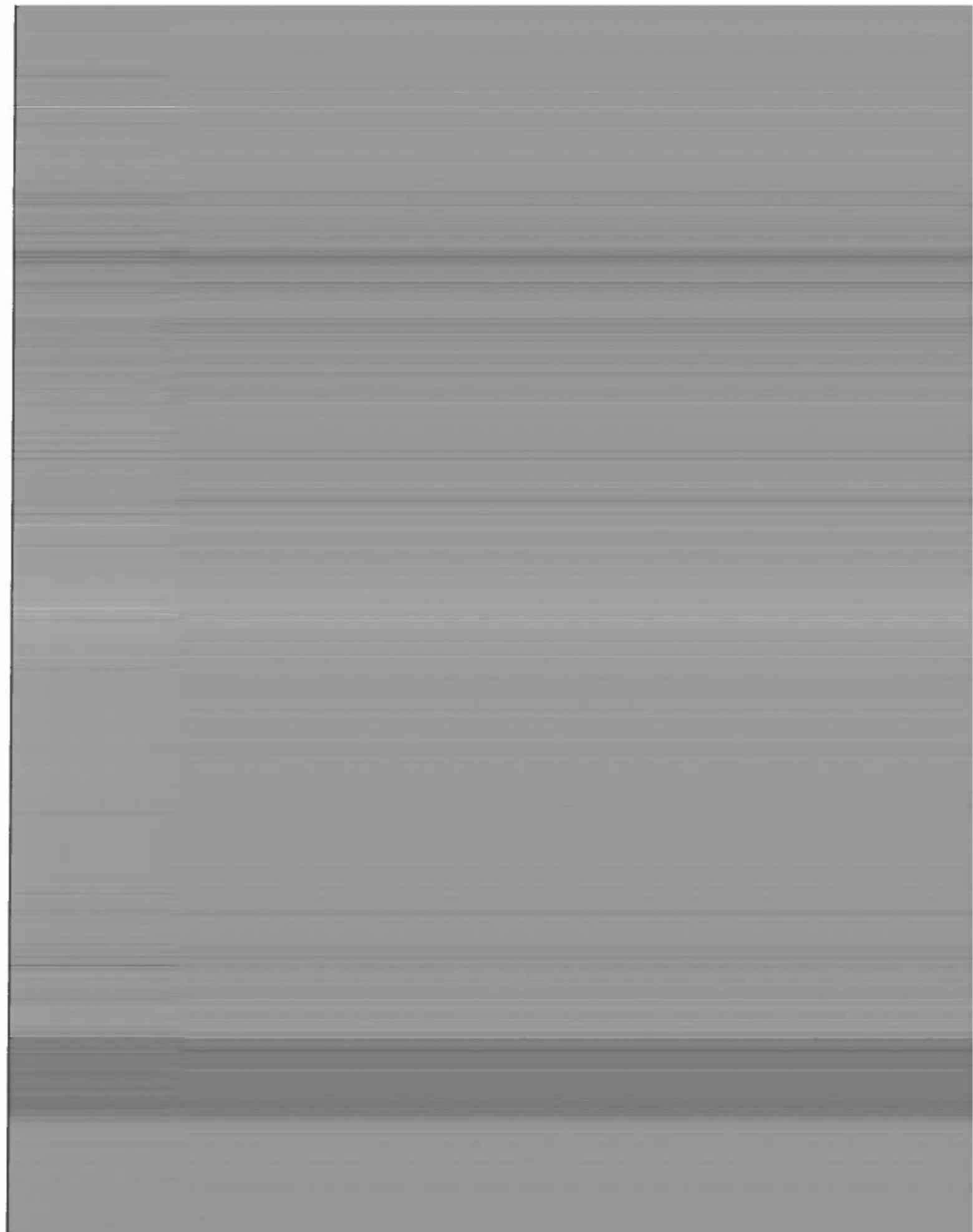
TEX. Project: _____
 Chevron Facility No: 201726
 Date: 3/30/05
 Time Onsite: 9:30

Location: _____
 Field Technician: ED/OK
 Time Offsite: _____

| Well Name | MW-6 | PUCCE | PUCCE | PUCCE | SAMPLE |
|--------------------------------|---------------------|----------------|-----------------|--------------|--------|
| Date Gauged | 3/30/05 | | | | |
| DTW ^{TO} FT. | 10.08 | — | | | |
| SPH Depth | N | | | | |
| Total Depth ^{TO} FT. | 13.95 | — | | | |
| Well Condition / Comments | GOOD | | | | |
| Dugging info | | | | | |
| Well Diameter (inches) | 2 | | | | |
| 3 Casing Volumes (gallons) | 2.0 | | | | |
| Volume Removed (gallons) TOTAL | — | 1 | 2 | 3 | |
| Purge/Sample Method | WATER WHEEL M.M. | 12 WWT M.M. | | | BAILER |
| Sample Time | 1042 | 1238 | 1239 | 1241 | 1530 |
| Field Measurements: | | | | | |
| Temp C° | — | 1.9 | 2.2 | 2.3 | |
| pH | — | 4.28 | 4.29 | 4.28 | |
| Conductivity | — | .485 | .629 | .630 | |
| ORP | — | — | — | — | |
| Dissolved Oxygen | — | 1.87 | 1.91 | 1.87 | |
| Ferrous Iron | — | — | — | — | |
| Turbidity | — | TR BEN | TR CLEAR-BEN | TR CL-BEN | |
| Comments | | | | | |

| | |
|---|-----------------|
| Remedial System? | Y (N) |
| Operating Upon Arrival? | Comments: |
| Shut Down System (1/2hr before gauging)? | Time: |
| Re-Start System? | Y Time: N Why? |
| Purge Water Disposal: | Date: Location: |
| Contact PM before leaving site? | |
| Conversion Factors: gal/ft 3/4" = 0.023 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 | |

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS





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April 11, 2005

Brady Nagle
 SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

RE: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport

Enclosed are the results of analyses for samples received by the laboratory on 04/04/05 09:00.
 The following list is a summary of the NCA Work Orders contained in this report.
 If you have any questions concerning this report, please feel free to contact me.

| <u>Work</u> | <u>Project</u> | <u>ProjectNumber</u> |
|-------------|---------------------------------------|----------------------|
| A5D0006 | Former Tex. Bulk Plant Blk 10 Lot 5 1 | 301726 |

Thank You,

Stephen Wilson For Mike Priebe, Technical Services Manager

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 Environmental Laboratory Network



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 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
 phone: (907) 563.9200 fax: (907) 563.9210

| | | | |
|--|--|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| MW-2 | A5D0006-01 | Water | 03/30/05 15:30 | 04/04/05 09:00 |
| MW-4 | A5D0006-02 | Water | 03/30/05 15:45 | 04/04/05 09:00 |
| MW-5 | A5D0006-03 | Water | 03/30/05 16:00 | 04/04/05 09:00 |
| MW-6 | A5D0006-04 | Water | 03/30/05 17:00 | 04/04/05 09:00 |
| MW-3 | A5D0006-05 | Water | 03/30/05 16:20 | 04/04/05 09:00 |
| MW-1 | A5D0006-06 | Water | 03/30/05 17:30 | 04/04/05 09:00 |
| Trip Blank | A5D0006-07 | Water | 03/30/05 00:00 | 04/04/05 09:00 |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| | Project Number: 301726 | |
| | Project Manager: Brady Nagle | |

Gasoline Range Organics (C6-C10) and BTEX per AK101

North Creek Analytical - Alaska

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------|-----------------|-----------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-01 | Water | MW-2 | Sampled: 03/30/05 15:30 | | | | | | | |
| Gasoline Range Organics | AK101 | ND | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/05/05 10:04 | |
| Benzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | ND | ---- | 1.50 | " | " | " | " | " | |
| Surrogate(s): | a,a,a-TFT (FID) | Recovery: 77.8% | | Limits: 50 - 150 % | " | | | | | " |
| | a,a,a-TFT (PID) | 91.9% | | 72.5 - 131 % | " | | | | | " |

| | | | | | | | | | | |
|-------------------------|-----------------|-----------------|--------------------------------|--------------------|------|----|---------|----------|----------------|---|
| ASD0006-02 | Water | MW-4 | Sampled: 03/30/05 15:45 | | | | | | | |
| Gasoline Range Organics | AK101 | ND | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/05/05 06:16 | |
| Benzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | ND | ---- | 1.50 | " | " | " | " | " | |
| Surrogate(s): | a,a,a-TFT (FID) | Recovery: 75.8% | | Limits: 50 - 150 % | " | | | | | " |
| | a,a,a-TFT (PID) | 89.4% | | 72.5 - 131 % | " | | | | | " |

| | | | | | | | | | | |
|-------------------------|-----------------|-----------------|--------------------------------|--------------------|------|----|---------|----------|----------------|---|
| ASD0006-03 | Water | MW-5 | Sampled: 03/30/05 16:00 | | | | | | | |
| Gasoline Range Organics | AK101 | ND | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/05/05 08:58 | |
| Benzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | ND | ---- | 1.50 | " | " | " | " | " | |
| Surrogate(s): | a,a,a-TFT (FID) | Recovery: 76.4% | | Limits: 50 - 150 % | " | | | | | " |
| | a,a,a-TFT (PID) | 89.6% | | 72.5 - 131 % | " | | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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Environmental Laboratory Network



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| | | | |
|--|--|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

Gasoline Range Organics (C6-C10) and BTEX per AK101

North Creek Analytical - Alaska

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------|--------------|-------------|--------------------------------|-------|-------|-----|---------|----------|----------------|-------|
| A5D0006-04 | Water | MW-6 | Sampled: 03/30/05 17:00 | | | | | | | |
| Gasoline Range Organics | AK101 | ND | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/05/05 05:12 | |
| Benzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | ND | ---- | 1.50 | " | " | " | " | " | |

Surrogate(s): a,a,a-TFT (FID) Recovery: 75.6% Limits: 50 - 150 %
 a,a,a-TFT (PID) 88.2% 72.5 - 131 %

| | | | | | | | | | | |
|-------------------------|--------------|-------------|--------------------------------|-------|------|----|---------|----------|----------------|--|
| A5D0006-05 | Water | MW-3 | Sampled: 03/30/05 16:20 | | | | | | | |
| Gasoline Range Organics | AK101 | 181 | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/05/05 08:25 | |
| Benzene | " | 0.979 | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | 24.1 | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | 6.94 | ---- | 1.50 | " | " | " | " | " | |

Surrogate(s): a,a,a-TFT (FID) Recovery: 80.7% Limits: 50 - 150 %
 a,a,a-TFT (PID) 96.1% 72.5 - 131 %

| | | | | | | | | | | |
|-------------------------|--------------|-------------|--------------------------------|------|------|-----|---------|----------|----------------|------|
| A5D0006-06 | Water | MW-1 | Sampled: 03/30/05 17:30 | | | | | | | |
| Gasoline Range Organics | AK101 | 9000 | ---- | 1000 | ug/l | 20x | 5040001 | 04/04/05 | 04/05/05 09:32 | R-01 |
| Benzene | " | 729 | ---- | 10.0 | " | " | " | " | " | R-01 |
| Toluene | " | 343 | ---- | 10.0 | " | " | " | " | " | R-01 |
| Ethylbenzene | " | 186 | ---- | 10.0 | " | " | " | " | " | R-01 |
| Xylenes (total) | " | 936 | ---- | 30.0 | " | " | " | " | " | R-01 |

Surrogate(s): a,a,a-TFT (FID) Recovery: 81.6% Limits: 50 - 150 % 1x
 a,a,a-TFT (PID) 99.2% 72.5 - 131 %

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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 phone: (907) 563.9200 fax: (907) 563.9210

| | | | |
|--|------------------|--|-----------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: | Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: |
| | Project Number: | 301726 | 04/11/05 16:08 |
| | Project Manager: | Brady Nagle | |

Gasoline Range Organics (C6-C10) and BTEX per AK101

North Creek Analytical - Alaska

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------|-----------------|-----------------|------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-07 | Water | Trip Blank | | | | | | | | |
| Sampled: 03/30/05 00:00 | | | | | | | | | | |
| Gasoline Range Organics | AK101 | ND | ---- | 50.0 | ug/l | 1x | 5040001 | 04/04/05 | 04/04/05 21:05 | |
| Benzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 0.500 | " | " | " | " | " | |
| Xylenes (total) | " | ND | ---- | 1.50 | " | " | " | " | " | |
| Surrogate(s): | a,a,a-TFT (FID) | Recovery: 80.0% | | Limits: 50 - 150 % | | " | | | | " |
| | a,a,a-TFT (PID) | 94.0% | | 72.5 - 131 % | | " | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | | |
|--|--|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/RRO
 North Creek Analytical - Alaska

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---|--------------|------------------------|--------------------------------|---------------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-01 | Water | MW-2 | Sampled: 03/30/05 15:30 | | | | | | | |
| Diesel Range Organics | AK102/103 | 4.04 | ----- | 0.379 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 13:53 | |
| Residual Range Organics | " | 0.427 | ----- | 0.379 | " | " | " | " | " | |
| <i>Surrogate(s): 1-Chlorooctadecane</i> | | <i>Recovery: 74.2%</i> | | <i>Limits: 50 - 150 %</i> | | | | | | |
| <i>Triacontane</i> | | <i>81.3%</i> | | <i>50 - 150 %</i> | | | | | | |
| ASD0006-02 | Water | MW-4 | Sampled: 03/30/05 15:45 | | | | | | | |
| Diesel Range Organics | AK102/103 | ND | ----- | 0.385 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 14:25 | |
| Residual Range Organics | " | ND | ----- | 0.385 | " | " | " | " | " | |
| <i>Surrogate(s): 1-Chlorooctadecane</i> | | <i>Recovery: 90.2%</i> | | <i>Limits: 50 - 150 %</i> | | | | | | |
| <i>Triacontane</i> | | <i>90.7%</i> | | <i>50 - 150 %</i> | | | | | | |
| ASD0006-03 | Water | MW-5 | Sampled: 03/30/05 16:00 | | | | | | | |
| Diesel Range Organics | AK102/103 | 3.31 | ----- | 0.391 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 14:25 | |
| Residual Range Organics | " | 0.435 | ----- | 0.391 | " | " | " | " | " | |
| <i>Surrogate(s): 1-Chlorooctadecane</i> | | <i>Recovery: 64.7%</i> | | <i>Limits: 50 - 150 %</i> | | | | | | |
| <i>Triacontane</i> | | <i>77.7%</i> | | <i>50 - 150 %</i> | | | | | | |
| ASD0006-04 | Water | MW-6 | Sampled: 03/30/05 17:00 | | | | | | | |
| Diesel Range Organics | AK102/103 | ND | ----- | 0.388 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 14:57 | |
| Residual Range Organics | " | ND | ----- | 0.388 | " | " | " | " | " | |
| <i>Surrogate(s): 1-Chlorooctadecane</i> | | <i>Recovery: 83.1%</i> | | <i>Limits: 50 - 150 %</i> | | | | | | |
| <i>Triacontane</i> | | <i>83.5%</i> | | <i>50 - 150 %</i> | | | | | | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/RRO

North Creek Analytical - Alaska

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------|--------------------|-----------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-05 | Water | MW-3 | Sampled: 03/30/05 16:20 | | | | | | | |
| Diesel Range Organics | AK102/103 | ND | ---- | 0.391 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 14:57 | |
| Residual Range Organics | " | ND | ---- | 0.391 | " | " | " | " | " | |
| Surrogate(s): | 1-Chlorooctadecane | Recovery: 69.5% | | Limits: 50 - 150 % | " | " | | | | " |
| | Triacotane | 72.6% | | 50 - 150 % | " | " | | | | " |
| ASD0006-06 | Water | MW-1 | Sampled: 03/30/05 17:30 | | | | | | | |
| Diesel Range Organics | AK102/103 | 0.436 | ---- | 0.388 | mg/l | 1x | 5040004 | 04/04/05 | 04/04/05 15:30 | |
| Residual Range Organics | " | ND | ---- | 0.388 | " | " | " | " | " | |
| Surrogate(s): | 1-Chlorooctadecane | Recovery: 76.1% | | Limits: 50 - 150 % | " | " | | | | " |
| | Triacotane | 76.9% | | 50 - 150 % | " | " | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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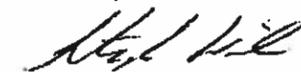
| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gajos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| ASD0006-01 | Water | MW-2 | Sampled: 03/30/05 15:30 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:29 | |
| Benzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| sec-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroform | " | 1.58 | ---- | 1.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Isopropylbenzene | " | ND | ---- | 2.00 | " | " | " | " | " | |

North Creek Analytical - Alaska



Stephen Wilson For Mike Priebe, Technical Services Manager

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 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
 phone: (907) 563-9200 fax: (907) 563-9210

| | | |
|--------------------------|--|-----------------|
| SAIC | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: |
| 401 Alberto Way, Suite B | Project Number: 301726 | 04/11/05 16:08 |
| Los Gajos, CA/USA 95032 | Project Manager: Brady Nagle | |

Volatle Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------------|----------------------|-----------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-01 | Water | MW-2 | Sampled: 03/30/05 15:30 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ---- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:29 | |
| 4-Methyl-2-pentanone | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | 1.25 | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | 19.3 | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| Surrogate(s): | 4-BFB | Recovery: 89.5% | | Limits: 75 - 120 % | " | | | | | " |
| | 1,2-IX'A-d4 | 116% | | 77 - 129 % | " | | | | | " |
| | Dibromofluoromethane | 112% | | 80 - 121 % | " | | | | | " |
| | Toluene-d8 | 97.0% | | 80 - 120 % | " | | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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 phone: (907) 563.9200 fax: (907) 563.9210

| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gajos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| ASD0006-02 | Water | MW-4 | Sampled: 03/30/05 15:45 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:56 | |
| Benzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| sec-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | 1.53 | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Isopropylbenzene | " | ND | ---- | 2.00 | " | " | " | " | " | |

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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---------------------------|--------------|-----------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| A5D0006-02 | Water | MW-4 | Sampled: 03/30/05 15:45 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ---- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:56 | |
| 4-Methyl-2-pentanone | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| Surrogate(s): 4-BFB | | Recovery: 89.5% | | Limits: 75 - 120 % | | " | | | | " |
| 1,2-DC A-d4 | | 11.4% | | 77 - 129 % | | " | | | | " |
| Dibromofluoromethane | | 109% | | 80 - 121 % | | " | | | | " |
| Toluene-d8 | | 95.0% | | 80 - 120 % | | " | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| ASD0006-03 | Water | MW-5 | Sampled: 03/30/05 16:00 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 22:22 | |
| Benzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| sec-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Isopropylbenzene | " | ND | ---- | 2.00 | " | " | " | " | " | |

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 phone: (541) 383-9310 fax: 541.382.7588
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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---------------------------|----------------------|-----------------|-------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-03 | Water | MW-5 | Sampled: 03/30/05 16:00 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ----- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 22:22 | |
| 4-Methyl-2-pentanone | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | ND | ----- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | 12.1 | ----- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ----- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ----- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | ND | ----- | 2.00 | " | " | " | " | " | |
| Surrogate(s): | 4-BFB | Recovery: 89.0% | | Limits: 75 - 120 % | " | | | | | " |
| | 1,2-DC A-d4 | 116% | | 77 - 129 % | " | | | | | " |
| | Dibromofluoromethane | 110% | | 80 - 121 % | " | | | | | " |
| | Toluene-d8 | 100% | | 80 - 120 % | " | | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | |
|--------------------------|--|---------------------------------------|
| SAIC | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| 401 Alberto Way, Suite B | Project Number: 301726 | |
| Los Gatos, CA/USA 95032 | Project Manager: Brady Nagle | |

Volatile Organic Compounds per EPA Method 8260B
 North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| A5D0006-04 | Water | MW-6 | Sampled: 03/30/05 17:00 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 22:49 | |
| Benzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| sec-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Ethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Isopropylbenzene | " | ND | ---- | 2.00 | " | " | " | " | " | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

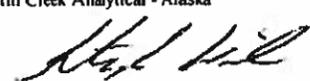
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| | | | |
|--|---|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Bldg 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

Volatile Organic Compounds per EPA Method 8260B
 North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---------------------------|-----------------------------|------------------------|--------------------------------|---------------------------|-------|-----|---------|----------|----------------|-------|
| A5D0006-04 | Water | MW-6 | Sampled: 03/30/05 17:00 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ---- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 22:49 | |
| 4-Methyl-2-pentanone | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | 3.30 | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| <i>Surrogate(s):</i> | <i>4-BFB</i> | <i>Recovery: 94.0%</i> | | <i>Limits: 75 - 120 %</i> | " | " | " | " | " | " |
| | <i>1,2-IXC-d4</i> | <i>118%</i> | | <i>77 - 129 %</i> | " | " | " | " | " | " |
| | <i>Dibromofluoromethane</i> | <i>114%</i> | | <i>80 - 121 %</i> | " | " | " | " | " | " |
| | <i>Toluene-d8</i> | <i>104%</i> | | <i>80 - 120 %</i> | " | " | " | " | " | " |

North Creek Analytical - Alaska

 Stephen Wilson For Mike Priebe, Technical Services Manager

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 phone: (907) 563-9200 fax: (907) 563-9210

| | | |
|--------------------------|--|---------------------------------------|
| SAIC | Project Name: Former Tex. Bulk Plant Bik 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| 401 Alberto Way, Suite B | Project Number: 301726 | |
| Los Gatos, CA/USA 95032 | Project Manager: Brady Nagle | |

Volatile Organic Compounds per EPA Method 8260B
 North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| ASD0006-05 | Water | MW-3 | Sampled: 03/30/05 16:20 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 23:16 | |
| Benzene | " | 1.09 | ---- | 1.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| sec-Butylbenzene | " | 5.23 | ---- | 1.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloroethane | " | 1.26 | ---- | 1.00 | " | " | " | " | " | |
| Chloroform | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | 1.75 | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Ethylbenzene | " | 15.8 | ---- | 1.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | |
| Isopropylbenzene | " | 15.3 | ---- | 2.00 | " | " | " | " | " | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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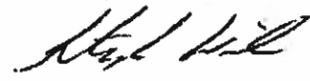
North Creek Analytical, Inc.
 Environmental Laboratory Network

| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| | Project Number: 301726 | |
| | Project Manager: Brady Nagle | |

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---------------------------|----------------------|-----------------|-------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| ASD0006-05 | Water | MW-3 | Sampled: 03/30/05 16:20 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | 5.09 | ---- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 23:16 | |
| 4-Methyl-2-pentanone | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | 139 | ---- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | 11.9 | ---- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | 2.97 | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | 1.47 | ---- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | 9.48 | ---- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | 3.40 | ---- | 2.00 | " | " | " | " | " | |
| Surrogate(s): | 4-BFB | Recovery: 95.5% | | Limits: 75 - 120 % | " | | | | | " |
| | 1,2-DCA-d4 | 117% | | 77 - 129 % | " | | | | | " |
| | Dibromofluoromethane | 113% | | 80 - 121 % | " | | | | | " |
| | Toluene-d8 | 100% | | 80 - 120 % | " | | | | | " |





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| | | | |
|--|--|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|-----------|--------|------|------|-------|-----|---------|----------|----------------|-------------------------|
| ASD0006-06 | Water | MW-1 | | | | | | | | |
| | | | | | | | | | | Sampled: 03/30/05 17:30 |
| Acetone | EPA 8260B | ND | ---- | 125 | ug/l | 5x | 5040346 | 04/08/05 | 04/08/05 23:43 | |
| Benzene | " | 735 | ---- | 5.00 | " | " | " | " | " | |
| Bromobenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Bromochloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Bromodichloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Bromoform | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Bromomethane | " | ND | ---- | 25.0 | " | " | " | " | " | |
| 2-Butanone | " | ND | ---- | 50.0 | " | " | " | " | " | |
| n-Butylbenzene | " | ND | ---- | 25.0 | " | " | " | " | " | |
| sec-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| tert-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Carbon disulfide | " | ND | ---- | 50.0 | " | " | " | " | " | |
| Carbon tetrachloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Chlorobenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Chloroethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Chloroform | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Chloromethane | " | ND | ---- | 25.0 | " | " | " | " | " | |
| 2-Chlorotoluene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 4-Chlorotoluene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 25.0 | " | " | " | " | " | |
| Dibromochloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,2-Dibromoethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dibromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,2-Dichlorobenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,3-Dichlorobenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,4-Dichlorobenzene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Dichlorodifluoromethane | " | ND | ---- | 25.0 | " | " | " | " | " | |
| 1,1-Dichloroethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,2-Dichloroethane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloroethene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| cis-1,2-Dichloroethene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| trans-1,2-Dichloroethene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,2-Dichloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,3-Dichloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 2,2-Dichloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | |
| 1,1-Dichloropropene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| cis-1,3-Dichloropropene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| trans-1,3-Dichloropropene | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Ethylbenzene | " | 156 | ---- | 5.00 | " | " | " | " | " | |
| Hexachlorobutadiene | " | ND | ---- | 20.0 | " | " | " | " | " | |
| 2-Hexanone | " | ND | ---- | 50.0 | " | " | " | " | " | |
| Isopropylbenzene | " | 11.2 | ---- | 10.0 | " | " | " | " | " | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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Environmental Laboratory Network



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 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
 phone: (907) 563-9200 fax: (907) 563-9210

| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| | Project Number: 301726 | |
| | Project Manager: Brady Nagle | |

Volatiles Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-------------------------------|--------------|-----------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| A5D0006-06 | Water | MW-1 | Sampled: 03/30/05 17:30 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ----- | 10.0 | ug/l | 5x | 5040346 | 04/08/05 | 04/08/05 23:43 | |
| 4-Methyl-2-pentanone | " | ND | ----- | 25.0 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ----- | 25.0 | " | " | " | " | " | |
| Naphthalene | " | 136 | ----- | 10.0 | " | " | " | " | " | |
| n-Propylbenzene | " | 8.15 | ----- | 5.00 | " | " | " | " | " | |
| Styrene | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Toluene | " | 344 | ----- | 5.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ----- | 5.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ----- | 5.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | 114 | ----- | 5.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | 62.6 | ----- | 5.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ----- | 5.00 | " | " | " | " | " | |
| o-Xylene | " | 237 | ----- | 5.00 | " | " | " | " | " | |
| m,p-Xylene | " | 512 | ----- | 10.0 | " | " | " | " | " | |
| Surrogate(s): 4-BFB | | Recovery: 94.0% | | Limits: 75 - 120 % | 1x | | | | | " |
| 1,2-IC'A-d4 | | 121% | | 77 - 129 % | " | | | | | " |
| Dibromofluoromethane | | 114% | | 80 - 121 % | " | | | | | " |
| Toluene-d8 | | 106% | | 80 - 120 % | " | | | | | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | | |
|--|--|------------------------|--------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Project Number: 301726 | Report Created: 04/11/05 16:08 |
| | Project Manager: Brady Nagle | | |

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------------|-------------------|--------------------------------|------|-------|-----|---------|----------|----------------|-------|
| A5D0006-07 | Water | Trip Blank | Sampled: 03/30/05 00:00 | | | | | | | |
| Acetone | EPA 8260B | ND | ---- | 25.0 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:02 | |
| Benzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Bromobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Bromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Bromodichloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Bromoform | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Bromomethane | " | ND | ---- | 5.00 | " | " | " | " | " | " |
| 2-Butanone | " | ND | ---- | 10.0 | " | " | " | " | " | " |
| n-Butylbenzene | " | ND | ---- | 5.00 | " | " | " | " | " | " |
| sec-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| tert-Butylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Carbon disulfide | " | ND | ---- | 10.0 | " | " | " | " | " | " |
| Carbon tetrachloride | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Chlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Chloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Chloroform | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Chloromethane | " | ND | ---- | 5.00 | " | " | " | " | " | " |
| 2-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 4-Chlorotoluene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,2-Dibromo-3-chloropropane | " | ND | ---- | 5.00 | " | " | " | " | " | " |
| Dibromochloromethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,2-Dibromoethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Dibromomethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,2-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,3-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,4-Dichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Dichlorodifluoromethane | " | ND | ---- | 5.00 | " | " | " | " | " | " |
| 1,1-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,2-Dichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,1-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| cis-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| trans-1,2-Dichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,3-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 2,2-Dichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| 1,1-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| cis-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| trans-1,3-Dichloropropene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Ethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | " |
| Hexachlorobutadiene | " | ND | ---- | 4.00 | " | " | " | " | " | " |
| 2-Hexanone | " | ND | ---- | 10.0 | " | " | " | " | " | " |
| Isopropylbenzene | " | ND | ---- | 2.00 | " | " | " | " | " | " |

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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Batch | Prepared | Analyzed | Notes |
|---------------------------|----------------------|-------------------|--------------------------------|--------------------|-------|-----|---------|----------|----------------|-------|
| A5D0006-07 | Water | Trip Blank | Sampled: 03/30/05 00:00 | | | | | | | |
| p-Isopropyltoluene | EPA 8260B | ND | ---- | 2.00 | ug/l | 1x | 5040346 | 04/08/05 | 04/08/05 21:02 | |
| 4-Methyl-2-pentanone | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Methyl tert-butyl ether | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Methylene chloride | " | ND | ---- | 5.00 | " | " | " | " | " | |
| Naphthalene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| n-Propylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Styrene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Tetrachloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Toluene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,1-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,1,2-Trichloroethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichloroethene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Trichlorofluoromethane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,3-Trichloropropane | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| Vinyl chloride | " | ND | ---- | 1.00 | " | " | " | " | " | |
| o-Xylene | " | ND | ---- | 1.00 | " | " | " | " | " | |
| m,p-Xylene | " | ND | ---- | 2.00 | " | " | " | " | " | |
| Surrogate(s): | 4-BFB | Recovery: 89.0% | | Limits: 75 - 120 % | " | | | | | " |
| | 1,2-DC A-d4 | 114% | | 77 - 129 % | " | | | | | " |
| | Dibromofluoromethane | 110% | | 80 - 121 % | " | | | | | " |
| | Toluene-d8 | 101% | | 80 - 120 % | " | | | | | " |

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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gajos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Gasoline Range Organics (C6-C10) and BTEX per AK101 - Laboratory Quality Control Results
 North Creek Analytical - Alaska

QC Batch: 5040001 Water Preparation Method: EPA 5030B

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|---------|--------|--------|------|-----|-------|-----|---------------|-----------|-------|----------|-------|----------|----------|-------|
|---------|--------|--------|------|-----|-------|-----|---------------|-----------|-------|----------|-------|----------|----------|-------|

Blank (5040001-BLK1) Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|-----------------|-----|-----------------|------|----|----|----|----|----|----|----|----------------|--|
| Gasoline Range Organics | AK101 GRO/BTEX | ND | --- | 50.0 | ug/l | 1x | -- | -- | -- | -- | -- | -- | 04/04/05 09:21 | |
| Benzene | " | ND | --- | 0.500 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Toluene | " | ND | --- | 0.500 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Ethylbenzene | " | ND | --- | 0.500 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Xylenes (total) | " | ND | --- | 1.50 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Surrogate(s): a,a,a-TFT (FID) | | Recovery: 83.0% | | Limits: 50-150% | | | | | | | | | 04/04/05 09:21 | |
| a,a,a-TFT (PID) | | 97.3% | | 72.5-131% | | | | | | | | | " | |

LCS (5040001-BS1) Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|----------------|-----|-------------------|------|----|----|------|------|------------|----|----|----------------|--|
| Benzene | AK101 GRO/BTEX | 21.7 | --- | 0.500 | ug/l | 1x | -- | 20.0 | 108% | (77.3-136) | -- | -- | 04/04/05 09:53 | |
| Toluene | " | 22.0 | --- | 0.500 | " | " | -- | " | 110% | (83.9-121) | -- | -- | " | |
| Ethylbenzene | " | 22.7 | --- | 0.500 | " | " | -- | " | 114% | (77.7-125) | -- | -- | " | |
| Xylenes (total) | " | 65.5 | --- | 1.50 | " | " | -- | 60.0 | 109% | (86-122) | -- | -- | " | |
| Surrogate(s): a,a,a-TFT (PID) | | Recovery: 101% | | Limits: 72.5-131% | | | | | | | | | 04/04/05 09:53 | |

LCS (5040001-BS2) Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|-----------------|-----|-----------------|------|----|----|-----|-------|----------|----|----|----------------|--|
| Gasoline Range Organics | AK101 GRO/BTEX | 533 | --- | 50.0 | ug/l | 1x | -- | 550 | 96.9% | (60-120) | -- | -- | 04/04/05 10:25 | |
| Surrogate(s): a,a,a-TFT (FID) | | Recovery: 83.8% | | Limits: 50-150% | | | | | | | | | 04/04/05 10:25 | |

LCS Dup (5040001-BSD1) Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|-----------------|-----|-------------------|------|----|----|------|-------|------------|--------|--------|----------------|--|
| Benzene | AK101 GRO/BTEX | 19.9 | --- | 0.500 | ug/l | 1x | -- | 20.0 | 99.5% | (77.3-136) | 8.65% | (16.9) | 04/04/05 19:27 | |
| Toluene | " | 21.1 | --- | 0.500 | " | " | -- | " | 106% | (83.9-121) | 4.18% | (12.5) | " | |
| Ethylbenzene | " | 21.9 | --- | 0.500 | " | " | -- | " | 110% | (77.7-125) | 3.59% | (11.8) | " | |
| Xylenes (total) | " | 64.9 | --- | 1.50 | " | " | -- | 60.0 | 108% | (86-122) | 0.920% | (10.6) | " | |
| Surrogate(s): a,a,a-TFT (PID) | | Recovery: 97.6% | | Limits: 72.5-131% | | | | | | | | | 04/04/05 19:27 | |

LCS Dup (5040001-BSD2) Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|-----------------|-----|-----------------|------|----|----|-----|-------|----------|--------|------|----------------|--|
| Gasoline Range Organics | AK101 GRO/BTEX | 531 | --- | 50.0 | ug/l | 1x | -- | 550 | 96.5% | (60-120) | 0.376% | (20) | 04/04/05 20:00 | |
| Surrogate(s): a,a,a-TFT (FID) | | Recovery: 83.2% | | Limits: 50-150% | | | | | | | | | 04/04/05 20:00 | |

Duplicate (5040001-DUP1) QC Source: ASD0003-01
Extracted: 04/04/05 08:28

| | | | | | | | | | | | | | | |
|-------------------------------|-------------------|-----------------|-----|-----------------|------|----|------|----|----|----|-------|------|----------------|--|
| Gasoline Range Organics | AK101 GRO/BTEX | 3350 | --- | 200 | ug/l | 4x | 3090 | -- | -- | -- | 8.07% | (50) | 04/04/05 13:39 | |
| Surrogate(s): a,a,a-TFT (FID) | | Recovery: 82.8% | | Limits: 50-150% | | 1x | | | | | | | 04/04/05 13:39 | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Gasoline Range Organics (C6-C10) and BTEX per AK101 - Laboratory Quality Control Results
 North Creek Analytical - Alaska

QC Batch: 5040001 Water Preparation Method: EPA 5030B

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|--|-------------------|-----------------|------|-------------------|-------|-----|---------------|-----------|-------|------------|-------|----------------|----------------|-------|
| Matrix Spike (5040001-MS1) | | | | | | | | | | | | | | |
| QC Source: ASD0006-02 Extracted: 04/04/05 08:28 | | | | | | | | | | | | | | |
| Benzene | AK101 GRO/BTEX | 18.9 | --- | 0.500 | ug/l | 1x | ND | 20.0 | 94.5% | (62.1-143) | -- | -- | 04/05/05 04:07 | |
| Toluene | " | 19.6 | --- | 0.500 | " | " | 0.180 | " | 97.1% | (68.5-133) | -- | -- | " | |
| Ethylbenzene | " | 19.9 | --- | 0.500 | " | " | 0.213 | " | 98.4% | (64.5-132) | -- | -- | " | |
| Xylenes (total) | " | 58.7 | --- | 1.50 | " | " | 0.999 | 60.0 | 96.2% | (70.2-133) | -- | -- | " | |
| Surrogate(s): a,a,a-TFT (PID) | | Recovery: 89.7% | | Limits: 72.5-131% | | " | | | | | | 04 05 05 04:07 | | |
| Matrix Spike (5040001-MS2) | | | | | | | | | | | | | | |
| QC Source: ASD0006-04 Extracted: 04/04/05 08:28 | | | | | | | | | | | | | | |
| Benzene | AK101 GRO/BTEX | 19.7 | --- | 0.500 | ug/l | 1x | 0.126 | 20.0 | 97.9% | (62.1-143) | -- | -- | 04/05/05 04:39 | |
| Toluene | " | 20.1 | --- | 0.500 | " | " | ND | " | 100% | (68.5-133) | -- | -- | " | |
| Ethylbenzene | " | 20.3 | --- | 0.500 | " | " | 0.140 | " | 101% | (64.5-132) | -- | -- | " | |
| Xylenes (total) | " | 59.7 | --- | 1.50 | " | " | 0.531 | 60.0 | 98.6% | (70.2-133) | -- | -- | " | |
| Surrogate(s): a,a,a-TFT (PID) | | Recovery: 89.8% | | Limits: 72.5-131% | | " | | | | | | 04 05 05 04:39 | | |

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Stephen Wilson For Mike Priebe, Technical Services Manager

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 Environmental Laboratory Network



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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gajos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/RRO - Laboratory Quality Control Results
 North Creek Analytical - Alaska

QC Batch: 5040004 Water Preparation Method: EPA 3510

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|--|-----------|--------|------|-------|-------|-----|---------------|-----------|-------|----------|-------|----------|----------------|-------|
| Blank (5040004-BLK1) Extracted: 04/04/05 08:55 | | | | | | | | | | | | | | |
| Diesel Range Organics | AK102/103 | ND | --- | 0.500 | mg/l | 1x | -- | -- | -- | -- | -- | -- | 04/04/05 12:49 | |
| Residual Range Organics | " | ND | --- | 0.500 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Surrogate(s): 1-Chlorooctadecane Recovery: 82.4% Limits: 50-150% " 04/04/05 12:49 | | | | | | | | | | | | | | |
| Triacontane Recovery: 88.3% 50-150% " " | | | | | | | | | | | | | | |
| LCS (5040004-BS1) Extracted: 04/04/05 08:55 | | | | | | | | | | | | | | |
| Diesel Range Organics | AK102/103 | 8.13 | --- | 0.500 | mg/l | 1x | -- | 10.0 | 81.3% | (75-125) | -- | -- | 04/04/05 13:21 | |
| Residual Range Organics | " | 7.76 | --- | 0.500 | " | " | -- | " | 77.6% | (60-120) | -- | -- | " | |
| Surrogate(s): 1-Chlorooctadecane Recovery: 86.1% Limits: 50-150% " 04/04/05 13:21 | | | | | | | | | | | | | | |
| Triacontane Recovery: 82.0% 50-150% " " | | | | | | | | | | | | | | |
| LCS Dup (5040004-BSD1) Extracted: 04/04/05 08:55 | | | | | | | | | | | | | | |
| Diesel Range Organics | AK102/103 | 8.74 | --- | 0.500 | mg/l | 1x | -- | 10.0 | 87.4% | (75-125) | 7.23% | (20) | 04/04/05 13:53 | |
| Residual Range Organics | " | 8.24 | --- | 0.500 | " | " | -- | " | 82.4% | (60-120) | 6.00% | " | " | |
| Surrogate(s): 1-Chlorooctadecane Recovery: 92.4% Limits: 50-150% " 04/04/05 13:53 | | | | | | | | | | | | | | |
| Triacontane Recovery: 90.3% 50-150% " " | | | | | | | | | | | | | | |
| Duplicate (5040004-DUP1) QC Source: ASD0003-01 Extracted: 04/04/05 08:55 | | | | | | | | | | | | | | |
| Diesel Range Organics | AK102/103 | 52.9 | --- | 0.397 | mg/l | 1x | 63.0 | -- | -- | -- | 17.4% | (50) | 04/04/05 12:17 | |
| Residual Range Organics | " | 2.29 | --- | 0.397 | " | " | 2.75 | -- | -- | -- | 18.3% | " | " | |
| Surrogate(s): 1-Chlorooctadecane Recovery: 95.0% Limits: 50-150% " 04/04/05 12:17 | | | | | | | | | | | | | | |
| Triacontane Recovery: 89.5% 50-150% " " | | | | | | | | | | | | | | |

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Stephen Wilson For Mike Priebe, Technical Services Manager

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Environmental Laboratory Network



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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport | Report Created: 04/11/05 16:08 |
| | Project Number: 301726 | |
| | Project Manager: Brady Nagle | |

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 5040346 Water Preparation Method: EPA 5030B

| Analyte | Method | Result | MDL ^a | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|-----------------------------|-----------|--------|------------------|------|-------|-----|---------------|-----------|-------|----------|-------|----------|---------------------------|-------|
| Blank (5040346-BLK1) | | | | | | | | | | | | | Extracted: 04/08/05 15:02 | |
| Acetone | EPA 8260B | ND | --- | 25.0 | ug/l | 1x | -- | -- | -- | -- | -- | -- | 04/08/05 20:36 | |
| Benzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Bromobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Bromochloromethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Bromodichloromethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Bromoform | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Bromomethane | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 2-Butanone | " | ND | --- | 10.0 | " | " | -- | -- | -- | -- | -- | -- | | |
| n-Butylbenzene | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| sec-Butylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| tert-Butylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Carbon disulfide | " | ND | --- | 10.0 | " | " | -- | -- | -- | -- | -- | -- | | |
| Carbon tetrachloride | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Chlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Chloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Chloroform | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Chloromethane | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 2-Chlorotoluene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 4-Chlorotoluene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,2-Dibromo-3-chloropropane | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Dibromochloromethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,2-Dibromoethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Dibromomethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,2-Dichlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,3-Dichlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,4-Dichlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Dichlorodifluoromethane | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,1-Dichloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,2-Dichloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,1-Dichloroethene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| cis-1,2-Dichloroethene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| trans-1,2-Dichloroethene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,2-Dichloropropane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,3-Dichloropropane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 2,2-Dichloropropane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 1,1-Dichloropropene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| cis-1,3-Dichloropropene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| trans-1,3-Dichloropropene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Ethylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| Hexachlorobutadiene | " | ND | --- | 4.00 | " | " | -- | -- | -- | -- | -- | -- | | |
| 2-Hexanone | " | ND | --- | 10.0 | " | " | -- | -- | -- | -- | -- | -- | | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gajos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results
 North Creek Analytical - Portland

QC Batch: 5040346 Water Preparation Method: EPA 5030B

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|---------------------------|-----------|--------|------|------|-------|-----|---------------|-----------|-------|----------|-------|----------|----------------|-------|
| Blank (5040346-BLK1) | | | | | | | | | | | | | | |
| Extracted: 04/08/05 15:02 | | | | | | | | | | | | | | |
| Isopropylbenzene | EPA 8260B | ND | --- | 2.00 | ug/l | 1x | -- | -- | -- | -- | -- | -- | 04/08/05 20:36 | |
| p-Isopropyltoluene | " | ND | --- | 2.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 4-Methyl-2-pentanone | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Methyl tert-butyl ether | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Methylene chloride | " | ND | --- | 5.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Naphthalene | " | ND | --- | 2.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| n-Propylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Styrene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,1,1,2-Tetrachloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,1,2,2-Tetrachloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Tetrachloroethene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Toluene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,2,3-Trichlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,2,4-Trichlorobenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,1,1-Trichloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,1,2-Trichloroethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Trichloroethene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Trichlorofluoromethane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,2,3-Trichloropropane | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,2,4-Trimethylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| 1,3,5-Trimethylbenzene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| Vinyl chloride | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| o-Xylene | " | ND | --- | 1.00 | " | " | -- | -- | -- | -- | -- | -- | " | |
| m,p-Xylene | " | ND | --- | 2.00 | " | " | -- | -- | -- | -- | -- | -- | " | |

| | | | | |
|----------------------|-----------------|-----------------|---|----------------|
| Surrogate(s): 4-BFB | Recovery: 94.0% | Limits: 75-120% | " | 04/08/05 20:36 |
| 1,2-DC'A-d4 | 114% | 77-129% | " | " |
| Dibromofluoromethane | 110% | 80-121% | " | " |
| Toluene-d8 | 104% | 80-120% | " | " |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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SAIC
 401 Alberto Way, Suite B
 Los Gatos, CA/USA 95032

Project Name: **Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport**
 Project Number: 301726
 Project Manager: Brady Nagle

Report Created:
 04/11/05 16:08

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results
 North Creek Analytical - Portland

QC Batch: 5040346 Water Preparation Method: EPA 5030B

| Analyte | Method | Result | MDL* | MRL | Units | Dil | Source Result | Spike Amt | % REC | (Limits) | % RPD | (Limits) | Analyzed | Notes |
|--|-----------|-----------------|------|-----------------|-------|-----|---------------|-----------|-------|----------|-------|----------|----------------|-------|
| LCS (5040346-BSI) Extracted: 04/08/05 15:02 | | | | | | | | | | | | | | |
| Benzene | EPA 8260B | 20.6 | --- | 1.00 | ug/l | 1x | -- | 20.0 | 103% | (80-120) | -- | -- | 04/08/05 18:49 | |
| Chlorobenzene | " | 20.8 | --- | 1.00 | " | " | -- | " | 104% | (80-124) | -- | -- | " | |
| 1,1-Dichloroethene | " | 17.2 | --- | 1.00 | " | " | -- | " | 86.0% | (78-120) | -- | -- | " | |
| Toluene | " | 20.4 | --- | 1.00 | " | " | -- | " | 102% | (80-124) | -- | -- | " | |
| Trichloroethene | " | 24.2 | --- | 1.00 | " | " | -- | " | 121% | (80-132) | -- | -- | " | |
| Surrogate(s): 4-BFB | | Recovery: 94.5% | | Limits: 75-120% | " | | | | | | | | 04/08/05 18:49 | |
| 1,2-DC'A-d4 | | 116% | | 77-129% | " | | | | | | | | " | |
| Dibromofluoromethane | | 113% | | 80-121% | " | | | | | | | | " | |
| Toluene-d8 | | 107% | | 80-120% | " | | | | | | | | " | |

| | | | | | | | | | | | | | | |
|---|-----------|-----------------|-----|-----------------|------|----|----|------|-------|------------|----|----|----------------|--|
| Matrix Spike (5040346-MS1) QC Source: ASD0006-01 Extracted: 04/08/05 15:02 | | | | | | | | | | | | | | |
| Benzene | EPA 8260B | 19.9 | --- | 1.00 | ug/l | 1x | ND | 20.0 | 99.5% | (80-124) | -- | -- | 04/08/05 19:15 | |
| Chlorobenzene | " | 20.0 | --- | 1.00 | " | " | ND | " | 100% | (72.9-134) | -- | -- | " | |
| 1,1-Dichloroethene | " | 17.1 | --- | 1.00 | " | " | ND | " | 85.5% | (79.3-127) | -- | -- | " | |
| Toluene | " | 18.9 | --- | 1.00 | " | " | ND | " | 94.5% | (79.7-131) | -- | -- | " | |
| Trichloroethene | " | 20.2 | --- | 1.00 | " | " | ND | " | 101% | (68.4-130) | -- | -- | " | |
| Surrogate(s): 4-BFB | | Recovery: 90.0% | | Limits: 75-120% | " | | | | | | | | 04/08/05 19:15 | |
| 1,2-DC'A-d4 | | 116% | | 77-129% | " | | | | | | | | " | |
| Dibromofluoromethane | | 112% | | 80-121% | " | | | | | | | | " | |
| Toluene-d8 | | 102% | | 80-120% | " | | | | | | | | " | |

| | | | | | | | | | | | | | | |
|--|-----------|-----------------|-----|-----------------|------|----|----|------|-------|------------|------------|--|----------------|--|
| Matrix Spike Dup (5040346-MSD1) QC Source: ASD0006-01 Extracted: 04/08/05 15:02 | | | | | | | | | | | | | | |
| Benzene | EPA 8260B | 20.1 | --- | 1.00 | ug/l | 1x | ND | 20.0 | 100% | (80-124) | 1.00% (25) | | 04/08/05 19:42 | |
| Chlorobenzene | " | 20.4 | --- | 1.00 | " | " | ND | " | 102% | (72.9-134) | 1.98% | | " | |
| 1,1-Dichloroethene | " | 17.7 | --- | 1.00 | " | " | ND | " | 88.5% | (79.3-127) | 3.45% | | " | |
| Toluene | " | 19.8 | --- | 1.00 | " | " | ND | " | 99.0% | (79.7-131) | 4.65% | | " | |
| Trichloroethene | " | 20.8 | --- | 1.00 | " | " | ND | " | 104% | (68.4-130) | 2.93% | | " | |
| Surrogate(s): 4-BFB | | Recovery: 93.0% | | Limits: 75-120% | " | | | | | | | | 04/08/05 19:42 | |
| 1,2-DC'A-d4 | | 115% | | 77-129% | " | | | | | | | | " | |
| Dibromofluoromethane | | 111% | | 80-121% | " | | | | | | | | " | |
| Toluene-d8 | | 104% | | 80-120% | " | | | | | | | | " | |

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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| | | |
|--|--|-----------------------------------|
| SAIC 401 Alberto Way, Suite B Los Gatos, CA/USA 95032 | Project Name: Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport Project Number: 301726 Project Manager: Brady Nagle | Report Created: 04/11/05 16:08 |
|--|--|-----------------------------------|

Notes and Definitions

Report Specific Notes:

R-01 - Reporting limit raised due to dilution necessary for analysis.

Laboratory Reporting Conventions:

- DET - Analyte **DETECTED** at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte **NOT DETECTED** at or above the reporting limit (MDL or MRL, as appropriate).
- NR / NA - **Not Reported / Not Available**
- dry - Sample results reported on a dry weight basis. Reporting Limits are corrected for %Solids when %Solids are <50%.
- wet - Sample results and reporting limits reported on a wet weight basis (as received).
- RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

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