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December 2, 2005

DCN: C07-SAI-301726-01-8464

Ms. Kim De Ruyter  
Alaska Department of Environmental Conservation  
Contaminated Sites Program  
610 University Avenue  
Fairbanks, Alaska 99709

**RECEIVED**

DEC 07 2005

**CONTAMINATED  
SITES  
FAIRBANKS**

Re: *Groundwater Sampling Report – September 19, 2005 Sampling Event*  
Former Texaco Bulk Fuel Terminal No. 301726  
Fairbanks International Airport  
Fairbanks, Alaska

Dear Ms. De Ruyter:

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 was originally designated as Block 10, Lots 5A and 5B, however, the lots were subsequently combined, and are now referred to as Block 10, Lot 5A<sup>1</sup>. The site 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. A 6-inch diameter, abandoned fuel pipeline crosses through the southeast portion of the site, adjacent to Airport Industrial Road. The former Texaco Bulk Terminal occupied the southeastern portion of the site facing Airport Industrial Road; this portion of the site is now covered with dirt and gravel and is used for truck staging and as an access road for a business located adjacent to the northeast portion of the site. The northwestern portion of the site is primarily unimproved land that is covered with vegetation. 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).

<sup>1</sup> Electronic mail correspondence dated September 14, 2005 from Kristen DuBois, FIA

Nov 2004 Site Assessment  
Aug 2005 I

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's terms and conditions as 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 aboveground 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 5A 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"<sup>2</sup>. 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 outside of 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

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<sup>2</sup> North Pole Refining, December 4, 1978. Oil Spill Report, received by the Department of Environmental Conservation in December 1978.

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. Responsible Party: NPR
- March 13, 1979 – 25-50 gallons of JP-4 was released during an aboveground tank “overflow” which occurred within the diked area, some of the JP-4 soaked into the gravel. Responsible Party: NPR
- June 23, 1979 – 30 gallons of diesel was released due to a valve malfunction. Responsible Party: none listed, spill reported by NPR.
- June 23, 1979 – 5 gallons of diesel was released; no cause given. Responsible Party: none listed, spill reported by NPR.
- July 27, 1979 – 15 gallons of Jet-A (kerosene) fuel was released from a ruptured hose. Responsible Party: 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. Responsible Party: 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. On June 26, 1992, Alan Braley, FIA Engineer, performed a preliminary assessment along the length of the trench using a photo-ionization detector (PID)<sup>3</sup>. 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 FIA from the west trench sidewall 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

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<sup>3</sup> Electronic mail correspondence dated September 14, 2005 from Kristen DuBois, FIA

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, referred to as the vendor pipeline, runs through the former Texaco bulk terminal site at the location shown on Figure 5. The vendor pipeline was apparently only used from 1979 until 1983 and the fuel hydrant located at the site that is connected to the vendor pipeline, was reportedly never used. In 1997, the remaining fuel in the vendor pipeline was gravity drained and in 2004-2005 the pipeline passed a pressure test performed on the pipeline. A low point in the system that may likely have been vented and used to remove water from the pipeline is located approximately 50 feet to the southwest of the site. There have been no documented releases from the vendor portion of the hydrant system pipeline. NPR/Mapco is the only entity known to have used the vendor pipeline.<sup>4</sup>

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<sup>4</sup> Electronic mail correspondence dated September 14, 2005 from Kristen DuBois, FIA

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

This is the former Mark Air warehouse (former Weaver Brothers warehouse) and is now occupied by Alaska Mechanical, Inc. College Utilities Corporation currently supplies the facilities water.<sup>5</sup> Information provided by the ADEC indicates that four diesel and unleaded gasoline underground storage tanks (USTs) and two waste oil USTs were removed from the site 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 on 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 in groundwater samples collected from the groundwater monitoring wells

Mark Air, Block 1, Lot 6

The site is currently doing business as Everts Air Fuel. There are documented releases from former UST as this site.<sup>6</sup>

Former Unocal Tank Farm, Block 1, Lot 8

The site is currently doing business as Frontier Flying Service. Information provided by ADEC shows six monitoring wells at the Mark Air properties across Airport Industrial Road from the subject site. In October 1991, four 10,000-gallon aviation fuel 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 SPH was observed on the groundwater table surface in Monitoring Well GEI-5.<sup>7</sup>

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<sup>5</sup> Ibid.

<sup>6</sup> Ibid.

<sup>7</sup> Ibid.

## 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 September 19, 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. Groundwater samples were analyzed for GRO and BTEX as per AK101, DRO and residual range organics (RRO) were analyzed as per AK102, and selected 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 September 19, 2005 sampling event for petroleum hydrocarbons did not detect GRO in any of the samples. DRO was detected in wells MW-1, MW-3 and MW-4 at concentrations of 8.66, 6.73, and

1.31 ug/L, respectively. RRO was detected in wells MW-4, MW-5, and MW-6 at concentrations of 2.12, 0.815, and 0.782 ug/L, respectively. Benzene was detected in wells MW-1 and MW-3 at concentrations of 153 and 0.556 ug/L, respectively. Toluene and xylenes were also detected in well MW-1, and ethylbenzene was detected in MW-3. The results of groundwater sample analysis for petroleum hydrocarbons are presented in Table 1, and depicted graphically on Figure 7.

Groundwater samples were analyzed for volatile organic compounds which detected several other chemical analytes including 1,1-dichloroethane, naphthalene, trichlorofluoromethane, 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 September 19, 2005 were compared to ADEC cleanup levels<sup>8</sup>. The ADEC soil cleanup levels for the "Under 40-inch zone" for the inhalation pathway are presented below.

	Maximum Soil Concentration* (August 2004)	Sample Location	ADEC Soil Cleanup Level	Maximum Groundwater Concentrations (September 19, 2005)	Sample Location	ADEC Groundwater Cleanup Level
GRO (C <sub>6</sub> - C <sub>10</sub> )	339 mg/kg	MW-1 at 4 feet bgs	1,400 mg/kg	ND<2,500 ug/L	MW-1	1,300 ug/L
DRO (C <sub>10</sub> - C <sub>25</sub> )	<b>30,900 mg/kg</b>	MW-1 at 4 feet bgs	12,500 mg/kg	8.66 ug/L	MW-1	1,500 ug/L
Benzene	<b>16.9 mg/kg</b>	MW-1 at 4 feet bgs	9 mg/kg	153 ug/L	MW-1	5 ug/L
Toluene	18.5 mg/kg	MW-1 at 4 feet bgs	180 mg/kg	150 ug/L	MW-1	1,000 ug/L
Ethylbenzene	10.6 mg/kg	B-4 at 3.5 feet bgs	89 mg/kg	1.73 ug/L	MW-3	None
Xylenes	76.5 mg/kg	MW-1 at 4 feet bgs	81 mg/kg	116 ug/L	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, during the September 19, 2005 monitoring event 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.

<sup>8</sup> Alaska Department of Environmental Conservation, 18 ACC 75 – Oil and Other Hazardous Substances Pollution Control, May 26, 2004, Tables B1 and B-2.

Comparison of the concentrations of volatile organic compounds in groundwater detected using EPA Method 8260 revealed that only concentrations of benzene collected from well MW-1 exceeded the ADEC groundwater cleanup levels. The reported detection limit for GRO in the sample collected from MW-1 exceeded the ADEC groundwater cleanup level.

## FINDINGS

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

**Groundwater Elevation:** During the September 19, 2005 groundwater monitoring event, the depth to groundwater in wells MW-1 through MW-6 ranged from 8.02 to 8.47 feet below the top of well casings. Groundwater elevations ranged from 418.69 to 418.77 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 March 30, 2005, the groundwater elevations in the monitoring wells have decreased an average of 1.96 feet.

**Groundwater Gradient:** The groundwater gradient, as calculated from the September 19, 2005 groundwater monitoring event, is generally in a westerly direction at a magnitude of 0.001 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 directions calculated during the August 19, 2004 and March 30, 2005 monitoring events.

**Concentrations of Petroleum Hydrocarbons in Groundwater:** The concentrations of GRO, DRO, RRO, and BTEX concentrations detected in each monitoring well during the September 19, 2005 sampling event decreased compared with the results of the March 30, 2005 sampling event.

**Extent of Petroleum Hydrocarbons in Groundwater:** As shown on Figure 7, the detectable concentrations of dissolved-phase benzene, and possibly GRO, are currently limited to well MW-1, which is located approximately 15 feet southeast of the FIA fuel pipeline. Detectable concentrations of DRO are limited to MW-1, MW-3, and MW-5. The concentrations of DRO detected during the September 19, 2005 sampling event are not above the ACED Groundwater Cleanup Levels.

## 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 benzene above ADEC cleanup levels during the September 19, 2005 sampling event were detected in the sample collected from Well MW-1. The reported detection

Survey last  
year,



limit of GRO in MW-1 is above the ADEC cleanup levels, and, therefore, may represent an exceedance. Well MW-1 is located approximately 10 feet southeast of the FIA fuel pipeline.

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

#### CLOSING

Should you have any question, please call Brady Nagle of SAIC at (408) 356-0200 extension 17.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



Brady Nagle  
Senior Project Manager



Joseph 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**  
ANALYTICAL RESULTS IN SOIL

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

Well/Boring Name	Depth (feet)	Date	TPHg (a)	TPHd (b)	Residual Range		Benzene (c) (mg/kg)	Toluene (c) (mg/kg)	Ethylbenzene (c) (mg/kg)	Xylenes (c) (mg/kg)	Lead (mg/kg)	Dry Weight (d) (Percentage)
			C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>25</sub> (mg/kg)	Organics (b) C <sub>25</sub> -C <sub>36</sub> (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	<b>0.0132</b>	<b>0.0367</b>	<b>3.03</b>	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	<b>18.9</b>	<b>1,570</b>	<57.9	<0.00481	<0.00961	<b>0.0829</b>	<b>0.314</b>	<b>3.71</b>	93.4	
	6.5	08/17/04	<b>2.61</b>	<b>2,430</b>	<56.3	<0.00558	<0.0112	<0.0112	<b>0.03</b>	<b>4.36</b>	77.4	
B-4	3.5	08/17/04	<b>222</b>	<b>1,770</b>	<58.1	<b>4.49</b>	<b>8.34</b>	<b>10.6</b>	<b>22.3</b>	<b>7.44</b>	66.5	
	6.5	08/17/04	<b>12.7</b>	<28.8	<57.6	<b>0.174</b>	<b>0.110</b>	<b>0.171</b>	<b>0.547</b>	<b>3.94</b>	76.0	
B-5	3.5	08/17/04	<1.02	<b>284</b>	<58.4	<b>0.0207</b>	<0.0102	<0.0102	<0.0153	2.86	87.3	
	6.5	08/17/04	<b>5.35</b>	<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	<b>0.00794</b>	<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	<b>86.2</b>	<b>2,640</b>	<57.6	<0.0757	<0.151	<b>0.222</b>	<b>15.9</b>	<b>9.09</b>	81.3	
B-12	3.5	08/18/04	<b>330</b>	<b>306</b>	<57.2	<0.218	<b>0.838</b>	<b>3.91</b>	<b>38.0</b>	<b>8.82</b>	74.3	
	6.5	08/18/04	<1.26	<28.1	<56.3	<0.00630	<0.0126	<0.0126	<b>0.110</b>	<b>6.80</b>	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**  
ANALYTICAL RESULTS IN SOIL

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

Well/Boring Name	Depth (feet)	Date	TPHg (a)	TPHd (b)	Residual Range			Ethylbenzene (c) (mg/kg)	Xylenes (c) (mg/kg)	Lead (mg/kg)	Dry Weight (d) (Percentage)
			C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>25</sub> (mg/kg)	Organics (b) C <sub>25</sub> -C <sub>36</sub> (mg/kg)	Benzene (c) (mg/kg)	Toluene (c) (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 msl)	Depth to Water (feet msl)	Groundwater Elevation (feet msl)	GRO (a) C <sub>6</sub> -C <sub>10</sub> (µg/L)	DRO (b) C <sub>10</sub> -C <sub>25</sub> (µg/L)	RRO (b) C <sub>25</sub> -C <sub>36</sub> (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-1	09/19/05	426.84	8.12	418.72	<2,500	8.66	<0.397	153	150	<25	116
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-2	09/19/05	426.73	8.02	418.71	<50.0	<0.417	<0.417	<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-3	09/19/05	427.16	8.47	418.69	<50.0	6.73	2.12	0.556	<0.500	1.73	<1.50
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-4	09/19/05	427.02	8.34	418.83	<50.0	1.31	0.815	<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	435	<0.500	<0.500	<0.500	<1.50
MW-5	09/19/05	426.89	8.19	418.77	<50.0	<0.417	0.782	<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
MW-6	09/19/05	426.82	8.12	418.70	<50.0	<0.403	<0.403	<0.500	<0.500	<0.500	<1.50
Purge Water	09/19/05	—	—	—	261	1.45	0.524	18.2	15.7	1.96	14.1
Trip Blank	03/30/05	—	—	—	<50.0	<400	<480	<0.500	<0.500	<0.500	<1.50
Trip Blank	09/19/05	—	—	—	<50.0	—	—	<0.500	<0.500	<0.500	<1.50
ADEC Cleanup Level (e)		—	—	—	1,300	1,500	1,100	5	1,000	—	10,000

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

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

**Abbreviations:**

GRO = Gasoline range organics.  
 DRO = Diesel range organics.  
 RRO = Residual range organics.  
 Cx-Cx = Carbon range.  
 µg/L = milligrams per liter.  
 <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 DRO or RRO 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. 301726  
 Fairbanks International Airport, Fairbanks, Alaska

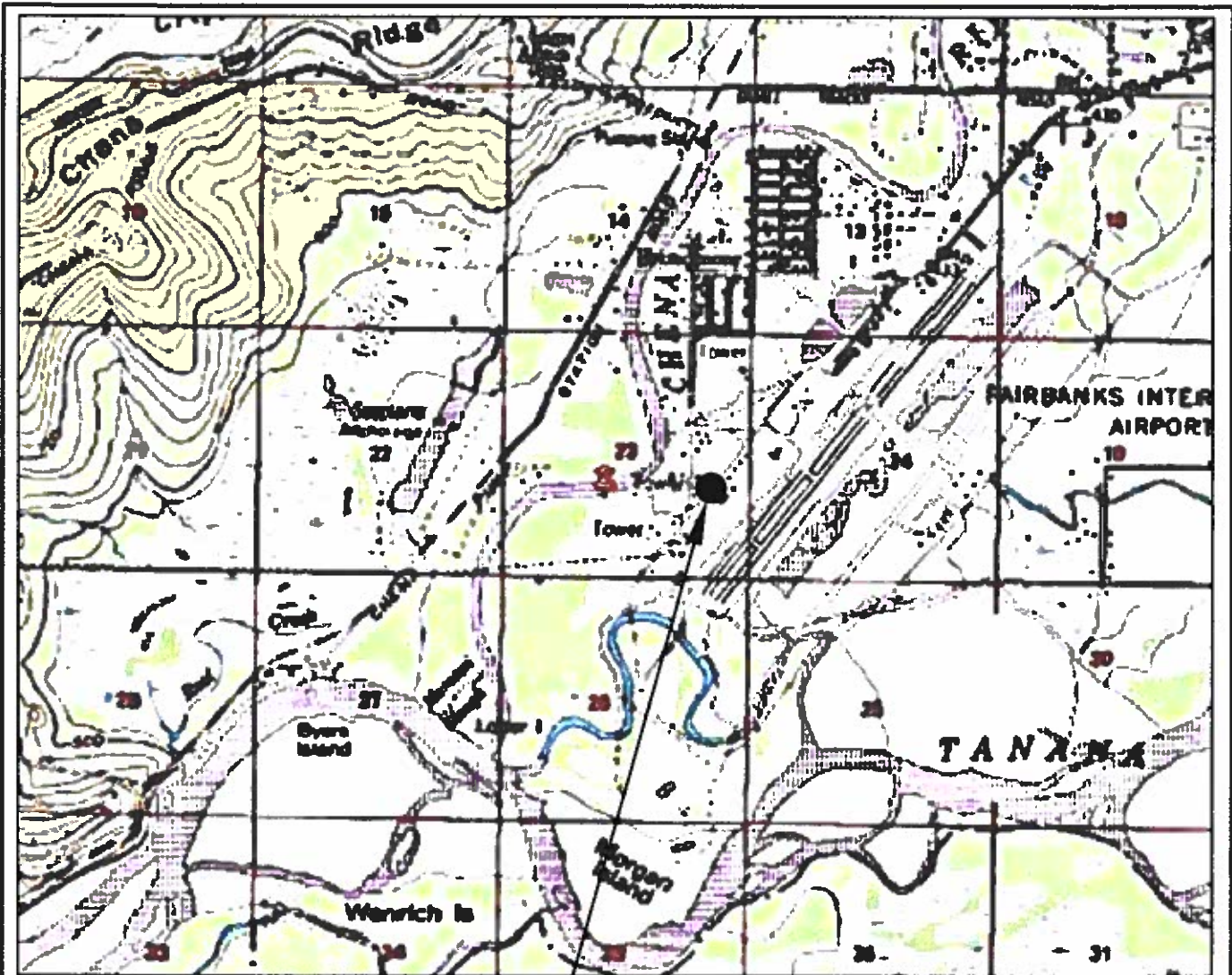
Well/Boring Name	Date	Benzene (µg/L)	n-BB (µg/L)	sec-BB (µg/L)	tert-BB (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	1,1-DCA (µg/L)	Ethylbenzene (µg/L)	IPB (µg/L)	p-IPT (µg/L)	Naphthalene (µg/L)	n-PB (µg/L)	Toluene (µg/L)	1,1,1-TCA (µg/L)	TCFM (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	o-Xylene (µg/L)	m,p-Xylene (µg/L)
MW-1	08/19/04	786	24.2	10.0	2.67	<1.00	<1.00	<1.00	266	24.7	26.6	206	26.7	982	<1.00	14.6	446	207	766	669
MW-1	03/30/05	736	<25.0	<5.00	<5.00	<5.00	<6.00	<5.00	166	11.2	<10.0	136	8.16	344	<5.00	<5.00	114	62.8	237	612
MW-1	09/19/05	700	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.2	<20.0	<20.0	81.1	<10.0	620	<10.0	<10.0	81.1	62.8	182	264
MW-1 re (a)	08/19/04	1,860	<100	<100	<100	<100	<100	<100	286	<100	<100	483	<100	4,060	<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	1.68	<1.00	<1.00	<2.00	<2.00	<2.00	<1.00	<1.00	<1.00	1.26	19.3	<1.00	<1.00	<2.00
MW-2	09/19/05	<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	10.3	<1.00	<1.00	<1.00	<2.00
MW-3	08/19/04	<1.00	<1.00	1.06	<1.00	<1.00	4.76	<1.00	7.12	6.83	<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	6.23	<1.00	1.26	<1.00	1.76	16.8	16.3	6.09	139	11.9	<1.00	<1.00	2.97	1.47	9.48	<1.00	3.40
MW-3	09/19/05	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.64	<2.00	<2.00	36.3	<1.00	<1.00	<1.00	6.63	<1.00	<1.00	<1.00	<2.00
MW-4	08/19/04	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.06	<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	1.63	<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-4	09/19/05	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	1.39	<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	<1.00	6.97	<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	<1.00	12.1	<1.00	<1.00	<2.00
MW-5	09/19/05	<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	6.17	<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
MW-6	09/19/05	<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
Purge Water	09/19/05	18.6	<5.00	1.06	<1.00	<1.00	<1.00	<1.00	1.71	<2.00	<2.00	6.36	1.34	13.4	<1.00	<1.00	3.26	1.84	4.08	6.09
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
Trip Blank	09/19/05	<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 liter  
 <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.

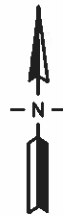


SITE LOCATION

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



QUADRANGLE LOCATION



SITE LOCATION MAP

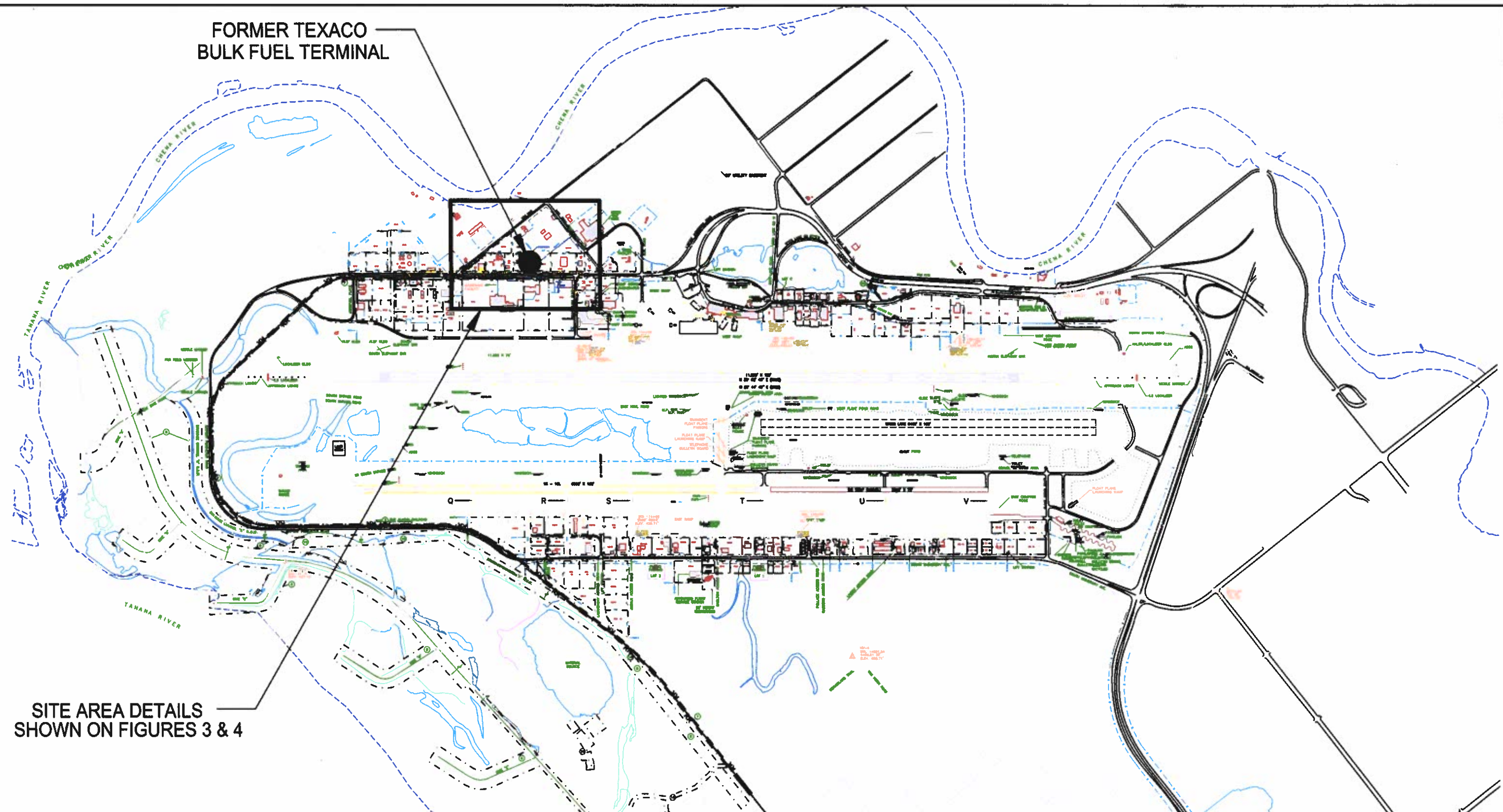
Former Texaco Bulk Fuel Terminal  
Block 10, Lot 5, Fairbanks International Airport  
Fairbanks, Alaska

Drawn	CTO	Checked	Approved	Figure
Date	7/7/04	Date	Date	1
Job no.	06-6102-00-4221-284		File no.	

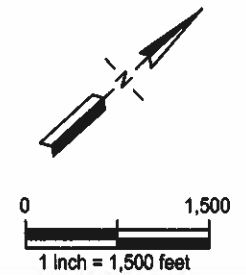
**SAC** Science Applications  
International Corporation  
From Science to Solutions

M:\000\0000 and Terminal\Map\Figure 1

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

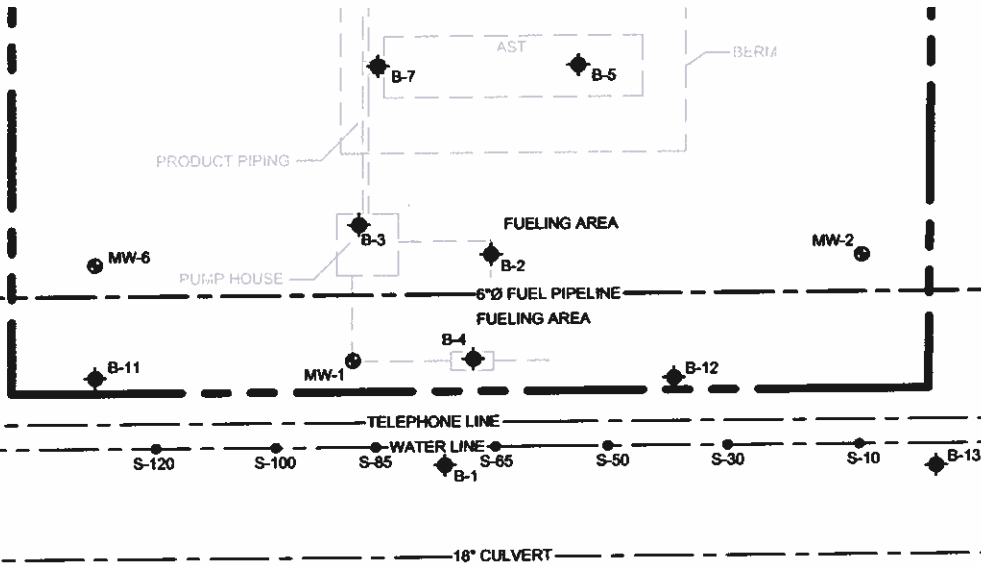
Drawn	CTO	Checked	Approved	Figure
Date	7/7/04	Date	Date	<b>2</b>
Job no.	06-6102-00-4221-284			File no.

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 International Corporation  
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N:\CD\Drawings and Terminals\Drawings\Fig2

Reimagery: Modified from

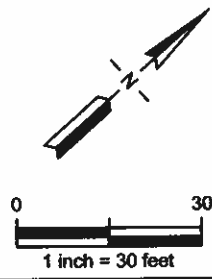




AIRPORT INDUSTRIAL ROAD

**LEGEND**

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING LOCATION
- PID SURVEY LOCATIONS
- AST
- 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

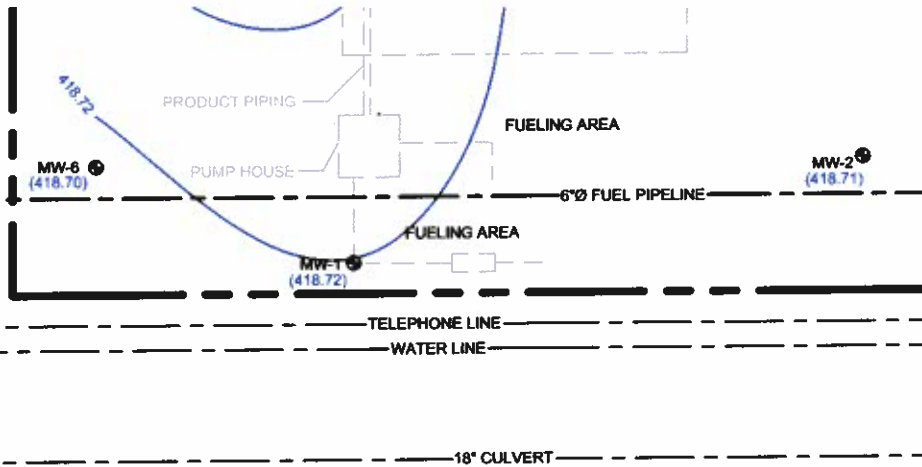
Drawn	CTO	Checked	Approved	Figure <b>5</b>
Date	7/28/04	Date	Date	
Job no.	06-6102-00-4221-284		File no.	



N:\CD\Draw and Terminal\Drawings\Site Plan

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

Approx  
Location  
of  
Low mill  
drain



AIRPORT INDUSTRIAL ROAD

**LEGEND**

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

- TREES AND BRUSH
- GROUNDWATER ELEVATION MEASURED IN FEET RELATIVE TO MEAN SEA LEVEL (MSL)
- GROUNDWATER ELEVATION CONTOUR MEASURED IN FEET RELATIVE TO MEAN SEA LEVEL (MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION (GRADIENT (i) = 0.001 ft/ft.)

**POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP**  
September 19, 2005

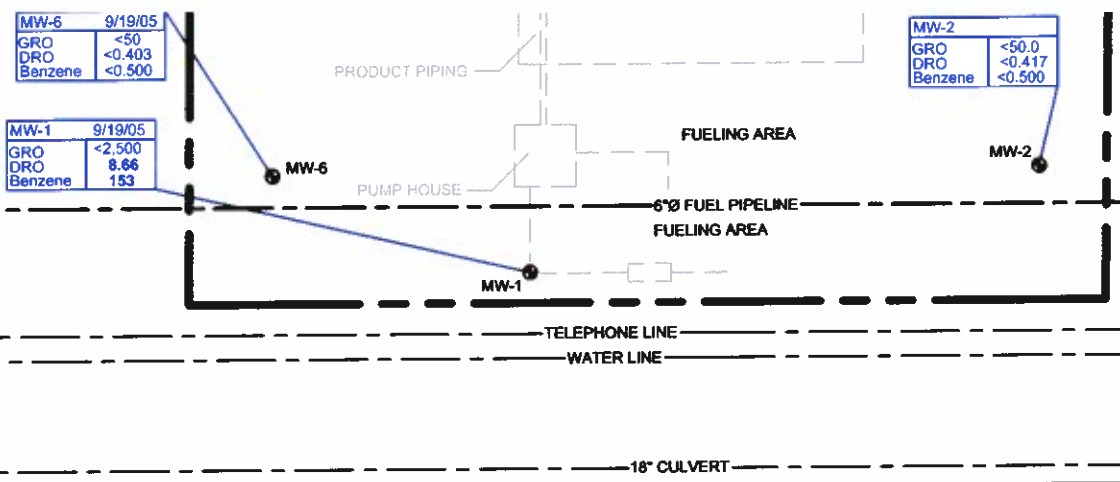
**Former Texaco Bulk Fuel Terminal**  
Block 10, Lot 5, Fairbanks International Airport  
Fairbanks, Alaska

Drawn	KLR	Checked	Approved	<b>6</b>
Date	10/19/05	Date	Date	
Job no.	06-6102-00-7147-020		File no.	

**SAIC** Science Applications International Corporation  
*From Science to Solutions™*

D:\Project\CV\03\state - Terminal\011726 - Fairbanks2006 Groundwater Sampling (September Event)\CAD

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



MW-6	9/19/05
GRO	<50
DRO	<0.403
Benzene	<0.500

MW-2	
GRO	<50.0
DRO	<0.417
Benzene	<0.500

MW-1	9/19/05
GRO	<2.500
DRO	8.66
Benzene	153

AIRPORT INDUSTRIAL ROAD

**LEGEND**

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

TREES AND BRUSH

MW-5	9/19/05	Monitoring Well Name
GRO	<50	Concentration in micrograms/liter
DRO	<0.417	
Benzene	<0.500	
Analyte		

- DRO = Diesel-Range Organics
- GRO = Gasoline-Range Organics
- NA = Not Analyzed

**CHEMICAL CONCENTRATIONS IN GROUNDWATER**  
September 19, 2005

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

Drawn	KLR	Checked	Approved	<b>7</b>
Date	10/19/05	Date	Date	
Job no.	06-6102-00-7147-020		File no.	

**Science Applications International Corporation**  
*From Science to Solutions*

D:\Project\CIV\Newell - Terminal\011726 - Fairbanks\0005 Groundwater Sampling (September Events)\CAD

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

**ATTACHMENT A**  
**WELL MONITORING DATA SHEETS**

# Field Data Sheet

## Depth to Water Data Form

### Site Information

Former Texaco Terminal 301726 Project Name	9/19/2005 Date	301726 Project Number
Block 10, Lot 5A, Fairbanks Airport Address	Fairbanks City	AK State

### Water Level Equipment

- Electronic Indicator
- Oil Water Interface Probe
- Other (specify) checked for product w/bailor

Measured By: Steve Krcik  
name

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DTW Order	Well ID	Time (24:00)	Total Depth	DTW (toc or tob)	Depth to SPH (toc or tob)	SPH Thickness (toc or tob)	Notes (describe SPH)
1	MW-4	1724	13.80	8.34		none	
2	MW-6	1734	13.95	8.12		none	
3	MW-3	1740	13.77	8.47		none	
4	MW-5	1747	14.15	8.19		none	
5	MW-2	1750	13.30	8.02		none	
6	MW-1	1734	13.64	8.12		none	

5/2.2

## Field Data Sheet-Groundwater Sampling Form

### Site Information

Former Texaco Bulk Terminal 301726  
Project Name

MW-1 301726  
Well/Sample Point ID Project Number

Block 10, Lot 5A, Fairbanks Airport Fairbanks  
Address City

AK  
State

### Purge Information

#### Water Level Equipment

- Electronic Indicator  
 Oil Water Interface Probe  
 Other (specify) checked for product w/bailer

#### Purge Equipment

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: Mini Monsoon  
 Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>13.84</u>
depth to water -	<u>8.12</u>
linear feet of water =	<u>5.52</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>0.94</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krcik  
name

Purge Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Purged Dry?: No      Sampling Delay?: No

	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	2045	2	5.8	1.0	5.8	cloudy	light	slight
volume 2	2048	4	5.8	1.0	5.5	clear	light	slight
volume 3	2047	6	5.8	1.0	5.4	clear	trace	slight
volume 4								
complete		6						

brown, yellow cloudy, clear      heavy, moderate light, trace      strong, moderate slight, none

### Groundwater Sampling Information

#### Sample Type

- Monitoring Well  
 Extraction Well  
 Domestic Well  
 Other (specify) \_\_\_\_\_

#### Sampling Equipment

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: \_\_\_\_\_  
 Sampling Port  
 Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-1	9/19/2005	2100
Dupe #		12:00

Sampled By: Steve Krcik  
name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
2	<input type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input type="checkbox"/> DRO, RRO	125 ml amber	HCl
	<input type="checkbox"/>		
	<input type="checkbox"/>		

Sampling Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature: 

## Field Data Sheet-Groundwater Sampling Form

**Site Information**

Former Texaco Bulk Terminal 301726 MW-2 301726  
 Project Name Well/Sample Point ID Project Number  
 Block 10, Lot 5A, Fairbanks Airport Fairbanks AK  
 Address City State

**Purge Information**

**Water Level Equipment**

- Electronic Indicator  
 Oil Water Interface Probe  
 Other (specify) checked for product w/bailer

**Purge Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: Mini Monsoon  
 Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>13.30</u>
depth to water -	<u>8.02</u>
linear feet of water =	<u>5.28</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>0.9</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krcik  
 name

Purge Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Purged Dry?: No Sampling Delay?: No

	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	2015	2	5.9	0.7	7.1	cloudy	light	slight
volume 2	2016	4	5.9	0.7	7.0	clear	light	slight
volume 3	2017	6	5.9	0.7	7.1	clear	trace	slight
volume 4								
complete		6						

brown, yellow cloudy, clear neavy, moderate light, trace strong, moderate slight, none

**Groundwater Sampling Information**

**Sample Type**

- Monitoring Well  
 Extraction Well  
 Domestic Well  
 Other (specify) \_\_\_\_\_

**Sampling Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: \_\_\_\_\_  
 Sampling Port  
 Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-2	9/19/2006	2030
Dupe # _____		12:00

Sampled By: Steve Krcik  
 name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
2	<input type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input type="checkbox"/> DRO, RRO	125 ml amber	HCL

Sampling Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Signature:

### Field Data Sheet-Groundwater Sampling Form

**Site Information**

Former Texaco Bulk Terminal 301726  
Project Name

MW-3 301726  
Well/Sample Point ID Project Number

Block 10, Lot 5A, Fairbanks Airport Fairbanks  
Address City

AK  
State

**Purge Information**

**Water Level Equipment**

- Electronic Indicator
- Oil Water Interface Probe
- Other (specify) checked for product w/bailer

**Purge Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_
- Submersible Pump; type: Mini Monsoon
- Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>13.77</u>
depth to water -	<u>8.47</u>
linear feet of water =	<u>5.3</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>0.9</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krcik  
name

Purge Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Purged Dry?: No                      Sampling Delay?: No

volume	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	1921	2	6.0	1.0	7.1	cloudy	light	slight
volume 2	1922	4	5.9	0.9	6.7	clear	light	slight
volume 3	1923	6	5.9	1.0	6.8	clear	trace	slight
volume 4								
complete		6						

brown, yellow      heavy, moderate      strong, moderate  
cloudy, clear      light, trace      slight, none

**Groundwater Sampling Information**

**Sample Type**

- Monitoring Well
- Extraction Well
- Domestic Well
- Other (specify) \_\_\_\_\_

**Sampling Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_
- Submersible Pump; type: \_\_\_\_\_
- Sampling Port
- Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-3	9/19/2005	1930
Dupe # _____		12:00

Sampled By: Steve Krcik  
name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input checked="" type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
2	<input checked="" type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input checked="" type="checkbox"/> DRO, RRO	125 ml amber	HCl
	<input type="checkbox"/>		
	<input type="checkbox"/>		

Sampling Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature:



## Field Data Sheet-Groundwater Sampling Form

### Site Information

Former Texaco Bulk Terminal 301726  
Project Name

MW-4 301726  
Well/Sample Point ID Project Number

Block 10, Lot 5A, Fairbanks Airport Fairbanks  
Address City

AK  
State

### Purge Information

#### Water Level Equipment

- Electronic Indicator  
 Oil Water Interface Probe  
 Other (specify) checked for product w/bailer

#### Purge Equipment

- Bailor  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: Mini Monsoon  
 Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>13.80</u>
depth to water -	<u>6.34</u>
linear feet of water =	<u>5.46</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>0.93</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krck  
name

Purge Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Purged Dry?: No                      Sampling Delay?: No

volume	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	1801	2	8.0	1.2	7.2	clear	trace	slight
volume 2	1802	4	8.1	0.8	7.5	clear	trace	slight
volume 3	2047	6	8.2	0.7	7	clear	trace	slight
volume 4								
complete		6						

brown, yellow      heavy, moderate      strong, moderate  
cloudy, clear      light, trace      slight, none

### Groundwater Sampling Information

#### Sample Type

- Monitoring Well  
 Extraction Well  
 Domestic Well  
 Other (specify) \_\_\_\_\_

#### Sampling Equipment

- Bailor  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: \_\_\_\_\_  
 Sampling Port  
 Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-4	9/19/2005	1820
Dupe # _____		12:00

Sampled By: Steve Krck  
name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
2	<input type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input type="checkbox"/> DRO, RRO	125 ml amber	HCl
	<input type="checkbox"/>		
	<input type="checkbox"/>		

Sampling Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature:

## Field Data Sheet-Groundwater Sampling Form

### Site Information

Former Texaco Bulk Terminal 301726  
Project Name

MW-5 301726  
Well/Sample Point ID Project Number

Block 10, Lot 5A, Fairbanks Airport Fairbanks AK  
Address City State

### Purge Information

#### Water Level Equipment

- Electronic Indicator  
 Oil Water Interface Probe  
 Other (specify) checked for product w/bailer

#### Purge Equipment

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: Mini Monsoon  
 Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>14.15</u>
depth to water -	<u>8.19</u>
linear feet of water =	<u>5.96</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>1.0</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krcik  
name

Purge Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Purged Dry?: No                      Sampling Delay?: No

volume	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	1948	2	5.8	0.7	4.8	cloudy	light	slight
volume 2	1949	4	5.8	0.7	4.3	clear	trace	slight
volume 3	1950	6	5.8	0.7	4.5	clear	trace	slight
volume 4								
complete		6						

brown, yellow  
cloudy, clear                      heavy, moderate  
light, trace                      strong, moderate  
slight, none

### Groundwater Sampling Information

#### Sample Type

- Monitoring Well  
 Extraction Well  
 Domestic Well  
 Other (specify) \_\_\_\_\_

#### Sampling Equipment

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: \_\_\_\_\_  
 Sampling Port  
 Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-5	9/19/2005	2000
Dupe # _____		12:00

Sampled By: Steve Krcik  
name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
2	<input type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input type="checkbox"/> DRO, RRO	125 ml amber	HCl

Sampling Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature:

## Field Data Sheet-Groundwater Sampling Form

**Site Information**

Former Texaco Bulk Terminal 301726

Project Name

MW-6

Well/Sample Point ID

301728

Project Number

Block 10, Lot 5A, Fairbanks Airport

Address

Fairbanks

City

AK

State

**Purge Information**

**Water Level Equipment**

- Electronic Indicator  
 Oil Water Interface Probe  
 Other (specify) checked for product w/bailer

**Purge Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: Mini Monsoon  
 Other (specify) \_\_\_\_\_

Purge Calculation	
total depth	<u>13.95</u>
depth to water -	<u>8.12</u>
linear feet of water =	<u>5.83</u>
gallons per linear foot X	<u>0.17</u>
gallons per casing =	<u>1.0</u>
number of casings X	<u>3</u>
calculated purge =	<u>3</u>

casing diameter	gallons per linear foot
0.75 in. <input type="checkbox"/>	0.023
1 in. <input type="checkbox"/>	0.04
2 in. <input checked="" type="checkbox"/>	0.17
4 in. <input type="checkbox"/>	0.67
6 in. <input type="checkbox"/>	1.5
other <input type="checkbox"/>	calculate
1 cubic foot = 7.48 gallons	

Purged By: Steve Krcik  
name

Purge Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Purged Dry?: No                      Sampling Delay?: No

volume	time (24:00)	gallons (total purged)	pH (units)	EC (ms @ 25° C)	temp (C°)	color (see below)	turbidity (NTU or see below)	odor (see below)
volume 1	1855	2	6.0	0.5	7.6	clear	trace	slight
volume 2	1856	4	6.0	0.4	7.0	clear	trace	slight
volume 3	1857	6	6.0	0.4	6.8	clear	trace	slight
volume 4								
complete		6						

Brown, yellow cloudy, clear                      heavy, moderate light, trace                      strong, moderate slight, none

**Groundwater Sampling Information**

**Sample Type**

- Monitoring Well  
 Extraction Well  
 Domestic Well  
 Other (specify) \_\_\_\_\_

**Sampling Equipment**

- Bailer  Disposable  Teflon #: \_\_\_\_\_  
 Submersible Pump; type: \_\_\_\_\_  
 Sampling Port  
 Other (specify) \_\_\_\_\_

Sample ID	Date	Time (24:00)
MW-6	9/19/2005	1910
Dupe # _____		12:00

Sampled By: Steve Krcik  
name

# of Cont.	Analyses (check and circle)	Container/Size	Preservative
4	<input type="checkbox"/> GRO, BTEX	40 ml VOA	HCl
2	<input type="checkbox"/> VOCs	40 ml VOA	HCl
2	<input type="checkbox"/> DRO, RRO	125 ml amber	HCL

Sampling Notes:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature:

**ATTACHMENT B**  
**LABORATORY ANALYTICAL REPORTS**



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
425.420.9200 fax 425.420.9210  
**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
509.924.9200 fax 509.924.9290  
**Portland** 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132  
503.906.9200 fax 503.906.9210  
**Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711  
541.383.9310 fax 541.382.7588  
**Anchorage** 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
907.563.9200 fax 907.563.9210

September 30, 2005

Brady Nagle  
SAIC  
401 Alberto Way, Suite B  
Los Gajos, 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 09/20/05 17:30.  
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>
A510071	Former Tex. Bulk Plant Blk 10 Lot 5 I	301726

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Thank You,

Stephen Wilson For Mike Priebe, Technical Services Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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 phone: (503) 906-9200 fax: (503) 906-9210  
**Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711  
 phone: (541) 383-9310 fax: 541-382-7588  
**Anchorage** 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
 phone: (907) 563-9200 fax: (907) 563-9210

<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<u>Report Created:</u> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	AS10071-01	Water	09/19/05 21:00	09/20/05 17:30
MW-2	AS10071-02	Water	09/19/05 00:00	09/20/05 17:30
MW-3	AS10071-03	Water	09/19/05 19:30	09/20/05 17:30
MW-4	AS10071-04	Water	09/19/05 18:20	09/20/05 17:30
MW-5	AS10071-05	Water	09/19/05 20:00	09/20/05 17:30
MW-6	AS10071-06	Water	09/19/05 19:10	09/20/05 17:30
Purge Water	AS10071-07	Water	09/19/05 21:10	09/20/05 17:30
Trip Blk	AS10071-08	Water	09/19/05 00:00	09/20/05 17:30

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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North Creek Analytical, Inc.  
Environmental Laboratory Network



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 phone: (541) 383-9310 fax: 541-382-7588  
 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
 phone: (907) 563-9200 fax: (907) 563-9210

<b>SAIC</b> 401 Alberto Way, Suite B Los Gatos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	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
<b>A510071-01</b>	<b>Water</b>	<b>MW-1</b>	<b>Sampled: 09/19/05 21:00</b>							
Gasoline Range Organics	AK101	ND	----	2500	ug/l	50x	5090070	09/21/05	09/21/05 23:01	
Benzene	"	153	----	25.0	"	"	"	"	"	
Toluene	"	150	----	25.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	25.0	"	"	"	"	"	
Xylenes (total)	"	116	----	75.0	"	"	"	"	"	
Surrogate(s):	a,a,a-TFT (FID)	Recovery: 95.1%		Limits: 50 - 150 %	1x					"
	a,a,a-TFT (PID)	87.1%		72.5 - 131 %	"					"
<b>A510071-02</b>	<b>Water</b>	<b>MW-2</b>	<b>Sampled: 09/19/05 00:00</b>							
Gasoline Range Organics	AK101	ND	----	50.0	ug/l	1x	5090070	09/21/05	09/22/05 09:17	
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: 106%		Limits: 50 - 150 %	"					"
	a,a,a-TFT (PID)	92.3%		72.5 - 131 %	"					"
<b>A510071-03</b>	<b>Water</b>	<b>MW-3</b>	<b>Sampled: 09/19/05 19:30</b>							
Gasoline Range Organics	AK101	ND	----	50.0	ug/l	1x	5090077	09/22/05	09/23/05 00:09	
Benzene	"	0.556	----	0.500	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	1.73	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.50	"	"	"	"	"	
Surrogate(s):	a,a,a-TFT (FID)	Recovery: 102%		Limits: 50 - 150 %	"					"
	a,a,a-TFT (PID)	88.8%		72.5 - 131 %	"					"

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

North Creek Analytical, Inc.  
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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 phone: (503) 906.9200 fax: (503) 906.9210  
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 phone: (541) 383.9310 fax: 541.382.7588  
 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
 phone: (907) 563.9200 fax: (907) 563.9210

<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	
401 Alberto Way, Suite B	Project Number: 301726	Report Created: 09/30/05 01:22
Los Gajos, CA/USA 95032	Project Manager: Brady Nagle	

**Gasoline Range Organics (C6-C10) and BTEX per AK101**  
 North Creek Analytical - Alaska

Analyte	Method	Result	MDL <sup>a</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AS10071-04</b>	<b>Water</b>	<b>MW-4</b>	<b>Sampled: 09/19/05 18:20</b>							
Gasoline Range Organics	AK101	ND	-----	50.0	ug/l	1x	5090077	09/22/05	09/23/05 00:42	
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: 104% Limits: 50 - 150 % "  
 a,a,a-TFT (PID) 91.8% 72.5 - 131 % "

<b>AS10071-05</b>	<b>Water</b>	<b>MW-5</b>	<b>Sampled: 09/19/05 20:00</b>							
Gasoline Range Organics	AK101	ND	-----	50.0	ug/l	1x	5090077	09/22/05	09/23/05 01:14	
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: 102% Limits: 50 - 150 % "  
 a,a,a-TFT (PID) 89.4% 72.5 - 131 % "

<b>AS10071-06</b>	<b>Water</b>	<b>MW-6</b>	<b>Sampled: 09/19/05 19:10</b>							
Gasoline Range Organics	AK101	ND	-----	50.0	ug/l	1x	5090077	09/22/05	09/23/05 01:47	
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: 104% Limits: 50 - 150 % "  
 a,a,a-TFT (PID) 92.4% 72.5 - 131 % "

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Bldg 10 Lot 5 FBX Airport</b>	Project Number: 301726	Report Created: 09/30/05 01:22
	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
<b>A510071-07</b>	<b>Water</b>	<b>Purge Water</b>	<b>Sampled: 09/19/05 21:10</b>							
Gasoline Range Organics	AK101	261	----	50.0	ug/l	1x	5090070	09/21/05	09/21/05 12:43	
Benzene	"	18.2	----	0.500	"	"	"	"	"	
Toluene	"	15.7	----	0.500	"	"	"	"	"	
Ethylbenzene	"	1.96	----	0.500	"	"	"	"	"	
Xylenes (total)	"	14.1	----	1.50	"	"	"	"	"	
Surrogate(s):	a,a,a-TFT (FID)	Recovery: 107%		Limits: 50 - 150 %	"					"
	a,a,a-TFT (PID)	98.5%		72.5 - 131 %	"					"
<b>A510071-08</b>	<b>Water</b>	<b>Trip Bldg</b>	<b>Sampled: 09/19/05 00:00</b>							
Gasoline Range Organics	AK101	ND	----	50.0	ug/l	1x	5090070	09/21/05	09/22/05 02:49	
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: 99.8%		Limits: 50 - 150 %	"					"
	a,a,a-TFT (PID)	90.6%		72.5 - 131 %	"					"

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	
401 Alberto Way, Suite B	Project Number: 301726	Report Created: 09/30/05 01:22
Los Gajos, CA/USA 95032	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
<b>A510071-01RE1</b>	<b>Water</b>	<b>MW-1</b>	<b>Sampled: 09/19/05 21:00</b>							
Diesel Range Organics	AK102/103	8.66	-----	0.397	mg/l	1x	5090082	09/26/05	09/27/05 13:11	
Residual Range Organics	"	ND	-----	0.397	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane	Recovery: 86.6%		Limits: 50 - 150 %	"	"				"
	Triacotane	96.0%		50 - 150 %	"	"				"
<b>A510071-02</b>	<b>Water</b>	<b>MW-2</b>	<b>Sampled: 09/19/05 00:00</b>							
Diesel Range Organics	AK102/103	ND	-----	0.417	mg/l	1x	5090075	09/22/05	09/22/05 13:18	
Residual Range Organics	"	ND	-----	0.417	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane	Recovery: 10.4%		Limits: 50 - 150 %	"	"				"
	Triacotane	92.3%		50 - 150 %	"	"				"
<b>A510071-03</b>	<b>Water</b>	<b>MW-3</b>	<b>Sampled: 09/19/05 19:30</b>							
Diesel Range Organics	AK102/103	6.73	-----	0.417	mg/l	1x	5090075	09/22/05	09/23/05 17:39	
Residual Range Organics	"	2.12	-----	0.417	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane	Recovery: 85.2%		Limits: 50 - 150 %	"	"				"
	Triacotane	86.8%		50 - 150 %	"	"				"
<b>A510071-04</b>	<b>Water</b>	<b>MW-4</b>	<b>Sampled: 09/19/05 18:20</b>							
Diesel Range Organics	AK102/103	1.31	-----	0.403	mg/l	1x	5090075	09/22/05	09/23/05 18:11	
Residual Range Organics	"	0.815	-----	0.403	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane	Recovery: 88.8%		Limits: 50 - 150 %	"	"				"
	Triacotane	88.3%		50 - 150 %	"	"				"

North Creek Analytical - Alaska

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gatos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	Project Number: 301726	
	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 <sup>a</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>A510071-05</b>	<b>Water</b>	<b>MW-5</b>	<b>Sampled: 09/19/05 20:00</b>							
Diesel Range Organics	AK102/103	ND	----	0.431	mg/l	1x	5090075	09/22/05	09/23/05 17:06	
Residual Range Organics	"	0.782	----	0.431	"	"	"	"	"	"
Surrogate(s):	1-Chlorooctadecane	Recovery: 92.6%		Limits: 50 - 150 %		"				"
	Triacotane	92.4%		50 - 150 %		"				"
<b>A510071-06</b>	<b>Water</b>	<b>MW-6</b>	<b>Sampled: 09/19/05 19:10</b>							
Diesel Range Organics	AK102/103	ND	----	0.403	mg/l	1x	5090075	09/22/05	09/23/05 15:30	
Residual Range Organics	"	ND	----	0.403	"	"	"	"	"	"
Surrogate(s):	1-Chlorooctadecane	Recovery: 73.9%		Limits: 50 - 150 %		"				"
	Triacotane	86.6%		50 - 150 %		"				"
<b>A510071-07</b>	<b>Water</b>	<b>Purge Water</b>	<b>Sampled: 09/19/05 21:10</b>							
Residual Range Organics	AK102/103	ND	----	0.400	mg/l	1x	5090066	09/21/05	09/21/05 12:55	
Surrogate(s):	1-Chlorooctadecane	Recovery: 85.6%		Limits: 50 - 150 %		"				"
	Triacotane	92.0%		50 - 150 %		"				"
<b>A510071-07RE1</b>	<b>Water</b>	<b>Purge Water</b>	<b>Sampled: 09/19/05 21:10</b>							
Diesel Range Organics	AK102/103	1.45	----	0.394	mg/l	1x	5090075	09/22/05	09/22/05 13:18	
Residual Range Organics	"	0.524	----	0.394	"	"	"	"	"	"
Surrogate(s):	1-Chlorooctadecane	Recovery: 92.9%		Limits: 50 - 150 %		"				"
	Triacotane	91.6%		50 - 150 %		"				"

North Creek Analytical - Alaska

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	Project Number: 301726	
	Project Manager: Brady Nagle	

**Volatile Organic Compounds per EPA Method 8260B**

North Creek Analytical - Portland

Analyte	Method	Result	MDL <sup>^</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>A510071-01RE1</b>	<b>Water</b>	<b>MW-1</b>	<b>Sampled: 09/19/05 21:00</b>							
Acetone	EPA 8260B	ND	----	250	ug/l	10x	5091023	09/25/05	09/25/05 15:20	
<b>Benzene</b>	"	<b>700</b>	----	10.0	"	"	"	"	"	"
Bromobenzene	"	ND	----	10.0	"	"	"	"	"	"
Bromochloromethane	"	ND	----	10.0	"	"	"	"	"	"
Bromodichloromethane	"	ND	----	10.0	"	"	"	"	"	"
Bromoform	"	ND	----	10.0	"	"	"	"	"	"
Bromomethane	"	ND	----	50.0	"	"	"	"	"	"
2-Butanone	"	ND	----	100	"	"	"	"	"	"
n-Butylbenzene	"	ND	----	50.0	"	"	"	"	"	"
sec-Butylbenzene	"	ND	----	10.0	"	"	"	"	"	"
tert-Butylbenzene	"	ND	----	10.0	"	"	"	"	"	"
Carbon disulfide	"	ND	----	100	"	"	"	"	"	"
Carbon tetrachloride	"	ND	----	10.0	"	"	"	"	"	"
Chlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
Chloroethane	"	ND	----	10.0	"	"	"	"	"	"
Chloroform	"	ND	----	10.0	"	"	"	"	"	"
Chloromethane	"	ND	----	50.0	"	"	"	"	"	"
2-Chlorotoluene	"	ND	----	10.0	"	"	"	"	"	"
4-Chlorotoluene	"	ND	----	10.0	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	"	ND	----	50.0	"	"	"	"	"	"
Dibromochloromethane	"	ND	----	10.0	"	"	"	"	"	"
1,2-Dibromoethane	"	ND	----	10.0	"	"	"	"	"	"
Dibromomethane	"	ND	----	10.0	"	"	"	"	"	"
1,2-Dichlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
1,3-Dichlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
1,4-Dichlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
Dichlorodifluoromethane	"	ND	----	50.0	"	"	"	"	"	"
1,1-Dichloroethane	"	ND	----	10.0	"	"	"	"	"	"
1,2-Dichloroethane	"	ND	----	10.0	"	"	"	"	"	"
1,1-Dichloroethene	"	ND	----	10.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	"	ND	----	10.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	"	ND	----	10.0	"	"	"	"	"	"
1,2-Dichloropropane	"	ND	----	10.0	"	"	"	"	"	"
1,3-Dichloropropane	"	ND	----	10.0	"	"	"	"	"	"
2,2-Dichloropropane	"	ND	----	10.0	"	"	"	"	"	"
1,1-Dichloropropene	"	ND	----	10.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	"	ND	----	10.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	"	ND	----	10.0	"	"	"	"	"	"
<b>Ethylbenzene</b>	"	<b>64.2</b>	----	10.0	"	"	"	"	"	"
Hexachlorobutadiene	"	ND	----	40.0	"	"	"	"	"	"
2-Hexanone	"	ND	----	100	"	"	"	"	"	"
Isopropylbenzene	"	ND	----	20.0	"	"	"	"	"	"

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

Analyte	Method	Result	MDL <sup>a</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
AS10071-01RE1	Water	MW-1	Sampled: 09/19/05 21:00							
p-Isopropyltoluene	EPA 8260B	ND	----	20.0	ug/l	10x	5091023	09/25/05	09/25/05 15:20	
4-Methyl-2-pentanone	"	ND	----	50.0	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	10.0	"	"	"	"	"	"
Methylene chloride	"	ND	----	50.0	"	"	"	"	"	"
Naphthalene	"	81.1	----	20.0	"	"	"	"	"	"
n-Propylbenzene	"	ND	----	10.0	"	"	"	"	"	"
Styrene	"	ND	----	10.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	"	ND	----	10.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	"	ND	----	10.0	"	"	"	"	"	"
Tetrachloroethene	"	ND	----	10.0	"	"	"	"	"	"
Toluene	"	620	----	10.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	"	ND	----	10.0	"	"	"	"	"	"
1,1,1-Trichloroethane	"	ND	----	10.0	"	"	"	"	"	"
1,1,2-Trichloroethane	"	ND	----	10.0	"	"	"	"	"	"
Trichloroethene	"	ND	----	10.0	"	"	"	"	"	"
Trichlorofluoromethane	"	ND	----	10.0	"	"	"	"	"	"
1,2,3-Trichloropropane	"	ND	----	10.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	"	81.1	----	10.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	"	62.8	----	10.0	"	"	"	"	"	"
Vinyl chloride	"	ND	----	10.0	"	"	"	"	"	"
o-Xylene	"	182	----	10.0	"	"	"	"	"	"
m,p-Xylene	"	254	----	20.0	"	"	"	"	"	"
Surrogate(s):	4-BFB	Recovery: 99.5%		Limits: 75 - 120 %	1x					"
	1,2-DC A-d4	97.5%		77 - 129 %	"					"
	Dibromofluoromethane	96.0%		80 - 121 %	"					"
	Toluene-d8	103%		80 - 120 %	"					"

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	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
AS10071-02	Water	MW-2	Sampled: 09/19/05 00:00							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 14:54	
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

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	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
<b>A510071-02</b>	<b>Water</b>	<b>MW-2</b>	<b>Sampled: 09/19/05 00:00</b>							
p-Isopropyltoluene	EPA 8260B	ND	-----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 14:54	
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	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>10.3</b>	-----	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: 92.0%</i>		<i>Limits: 75 - 120 %</i>	"					
	<i>1,2-D1,4-d4</i>	<i>80.0%</i>		<i>77 - 129 %</i>	"					
	<i>Dibromofluoromethane</i>	<i>85.5%</i>		<i>80 - 121 %</i>	"					
	<i>Toluene-d8</i>	<i>92.0%</i>		<i>80 - 120 %</i>	"					

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	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
<b>A510071-03</b>	<b>Water</b>	<b>MW-3</b>	<b>Sampled: 09/19/05 19:30</b>							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 15:20	
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	"	"	"	"	"	
<b>Ethylbenzene</b>	"	<b>1.64</b>	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	2.00	"	"	"	"	"	

North Creek Analytical - Alaska

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Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	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
A510071-03	Water	MW-3	Sampled: 09/19/05 19:30							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 15:20	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	36.3	----	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	"	5.53	----	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: 96.0%		Limits: 75 - 120 %	"					
	1,2-DC'A-d4	82.5%		77 - 129 %	"					
	Dibromofluoromethane	88.0%		80 - 121 %	"					
	Toluene-d8	95.5%		80 - 120 %	"					

North Creek Analytical - Alaska

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	
401 Alberto Way, Suite B	Project Number: 301726	Report Created: 09/30/05 01:22
Los Gajos, CA/USA 95032	Project Manager: Brady Nagle	

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

Analyte	Method	Result	MDL <sup>▲</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
ASI0071-04RE1	Water	MW-4	Sampled: 09/19/05 18:20							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091023	09/25/05	09/25/05 15:47	
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	"	1.39	----	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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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b> Project Number: 301726 Project Manager: Brady Nagle	Report Created: 09/30/05 01:22
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**Volatile Organic Compounds per EPA Method 8260B**  
 North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>A510071-04RE1</b>	<b>Water</b>	<b>MW-4</b>	<b>Sampled: 09/19/05 18:20</b>							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091023	09/25/05	09/25/05 15:47	
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: 95.5%		Limits: 75 - 120 %	"					"
	1,2-1X'A-d4	96.5%		77 - 129 %	"					"
	Dibromofluoromethane	95.5%		80 - 121 %	"					"
	Toluene-d8	97.5%		80 - 120 %	"					"

North Creek Analytical - Alaska

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Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
401 Alberto Way, Suite B	Project Number: 301726	
Los Gajos, CA/USA 95032	Project Manager: Brady Nagle	

**Volatile Organic Compounds per EPA Method 8260B**

North Creek Analytical - Portland

Analyte	Method	Result	MDL <sup>a</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
A510071-05	Water	MW-5	Sampled: 09/19/05 20:00							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 16:13	
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

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01.22
	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
AS10071-05	Water	MW-5	Sampled: 09/19/05 20:00							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 16.13	
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	"	5.17	----	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):	1-BFB	Recovery: 93.0%		Limits: 75 - 120 %	"					"
	1,2-DCA-d4	83.0%		77 - 129 %	"					"
	Dibromofluoromethane	89.0%		80 - 121 %	"					"
	Toluene-d8	89.5%		80 - 120 %	"					"

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Bldg 10 Lot 5 FBX Airport</b> Project Number: 301726 Project Manager: Brady Nagle	Report Created: 09/30/05 01:22
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**Volatiles Organic Compounds per EPA Method 8260B**

North Creek Analytical - Portland

Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
A510071-06	Water	MW-6	Sampled: 09/19/05 19:10							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 16:40	
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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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Bldg 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	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
<b>A510071-06</b>	<b>Water</b>	<b>MW-6</b>	<b>Sampled: 09/19/05 19:10</b>							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 16:40	
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):	<i>4-BFB</i>	Recovery:	95.5%	Limits:	75 - 120 %	"				"
	<i>1,2-DCA-d4</i>		84.0%		77 - 129 %	"				"
	<i>Dibromofluoromethane</i>		89.0%		80 - 121 %	"				"
	<i>Toluene-d8</i>		93.0%		80 - 120 %	"				"

North Creek Analytical - Alaska

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Bldg 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
401 Alberto Way, Suite B Los Gajos, CA/USA 95032	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
AS10071-07	Water	Purge Water	Sampled: 09/19/05 21:10							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 17:06	
Benzene	"	18.6	----	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	"	1.08	----	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	"	1.71	----	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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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Bk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	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
<b>AS10071-07</b>	<b>Water</b>	<b>Purge Water</b>	<b>Sampled: 09/19/05 21:10</b>							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 17:06	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	"
Naphthalene	"	<b>5.35</b>	----	2.00	"	"	"	"	"	"
n-Propylbenzene	"	<b>1.34</b>	----	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	"	<b>13.4</b>	----	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	"	"	"	"	"	"
<b>1,2,4-Trimethylbenzene</b>	"	<b>3.25</b>	----	1.00	"	"	"	"	"	"
<b>1,3,5-Trimethylbenzene</b>	"	<b>1.94</b>	----	1.00	"	"	"	"	"	"
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	"
<b>o-Xylene</b>	"	<b>4.08</b>	----	1.00	"	"	"	"	"	"
<b>m,p-Xylene</b>	"	<b>5.09</b>	----	2.00	"	"	"	"	"	"
Surrogate(s):	4-BFB	Recovery: 104%		Limits: 75 - 120 %	"					"
	1,2-DCA-d4	92.0%		77 - 129 %	"					"
	Dibromofluoromethane	95.0%		80 - 121 %	"					"
	Toluene-d8	97.5%		80 - 120 %	"					"

North Creek Analytical - Alaska

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	
401 Alberto Way, Suite B	Project Number: 301726	<b>Report Created:</b>
Los Gajos, CA/USA 95032	Project Manager: Brady Nagle	09/30/05 01:22

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

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
A510071-08	Water	Trip Blk	Sampled: 09/19/05 00:00							
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	5091015	09/24/05	09/24/05 12:40	
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

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>A510071-08</b>	<b>Water</b>	<b>Trip Blk</b>	<b>Sampled: 09/19/05 00:00</b>							
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	5091015	09/24/05	09/24/05 12:40	
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:	91.5%	Limits:	75 - 120 %	"				"
	1,2-1X'A-d4		95.0%		77 - 129 %	"				"
	Dibromofluoromethane		97.0%		80 - 121 %	"				"
	Toluene-d8		98.5%		80 - 120 %	"				"

North Creek Analytical - Alaska

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Bk 10 Lot 5 FBX Airport</b> Project Number: 301726 Project Manager: Brady Nagle	Report Created: 09/30/05 01:22
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**Gasoline Range Organics (C6-C10) and BTEX per AK101 - Laboratory Quality Control Results**  
 North Creek Analytical - Alaska

QC Batch: 5090070 Water Preparation Method: EPA 5030B

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

**Blank (5090070-BLK1)**

Extracted: 09/21/05 08:22

Gasoline Range Organics	AK101 GRO/BTEX	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	09/21/05 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 (PH)		Recovery:	103%	Limits:	50-150%	"							09 21 05 10:04	
a,a,a-TFT (PH)		Recovery:	95.2%	Limits:	72.5-131%	"							"	

**LCS (5090070-BS1)**

Extracted: 09/21/05 08:22

Benzene	AK101 GRO/BTEX	20.5	---	0.500	ug/l	1x	--	20.0	102%	(77.3-136)	--	--	09/22/05 00:39	
Toluene	"	20.8	---	0.500	"	"	--	"	104%	(83.9-121)	--	--	"	
Ethylbenzene	"	21.2	---	0.500	"	"	--	"	106%	(77.7-125)	--	--	"	
Xylenes (total)	"	62.3	---	1.50	"	"	--	60.0	104%	(86-122)	--	--	"	
Surrogate(s): a,a,a-TFT (PH)		Recovery:	91.6%	Limits:	72.5-131%	"							09 22 05 00:39	

**LCS (5090070-BS2)**

Extracted: 09/21/05 08:22

Gasoline Range Organics	AK101 GRO/BTEX	556	---	50.0	ug/l	1x	--	550	101%	(60-120)	--	--	09/21/05 11:30	
Surrogate(s): a,a,a-TFT (PH)		Recovery:	114%	Limits:	50-150%	"							09 21 05 11:30	

**LCS Dup (5090070-BSD1)**

Extracted: 09/21/05 08:22

Benzene	AK101 GRO/BTEX	20.0	---	0.500	ug/l	1x	--	20.0	100%	(77.3-136)	2.47%	(16.9)	09/21/05 17:34	
Toluene	"	20.5	---	0.500	"	"	--	"	102%	(83.9-121)	1.45%	(12.5)	"	
Ethylbenzene	"	21.0	---	0.500	"	"	--	"	105%	(77.7-125)	0.948%	(11.8)	"	
Xylenes (total)	"	61.8	---	1.50	"	"	--	60.0	103%	(86-122)	0.806%	(10.6)	"	
Surrogate(s): a,a,a-TFT (PH)		Recovery:	93.2%	Limits:	72.5-131%	"							09 21 05 17:34	

**LCS Dup (5090070-BSD2)**

Extracted: 09/21/05 08:22

Gasoline Range Organics	AK101 GRO/BTEX	524	---	50.0	ug/l	1x	--	550	95.3%	(60-120)	5.93%	(20)	09/21/05 18:06	
Surrogate(s): a,a,a-TFT (PH)		Recovery:	107%	Limits:	50-150%	"							09 21 05 18:06	

**Duplicate (5090070-DUP1)**

QC Source: ASI0070-02

Extracted: 09/21/05 08:22

Gasoline Range Organics	AK101 GRO/BTEX	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(50)	09/22/05 10:04	
Surrogate(s): a,a,a-TFT (PH)		Recovery:	111%	Limits:	50-150%	"							09 22 05 10:04	

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Bk 10 Lot 5 FBX Airport</b> Project Number: 301726 Project Manager: Brady Nagle	Report Created: 09/30/05 01:22
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**Gasoline Range Organics (C6-C10) and BTEX per AK101 - Laboratory Quality Control Results**  
 North Creek Analytical - Alaska

QC Batch: 5090070 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Matrix Spike (5090070-MS1)</b>		QC Source: A510070-01 Extracted: 09/21/05 08:22												
Benzene	AK101 GRO/BTEX	20.0	---	0.500	ug/l	1x	ND	20.0	100%	(62.1-143)	--	--	09/22/05 10:37	
Toluene	"	20.6	---	0.500	"	"	ND	"	103%	(68.5-133)	--	--	"	
Ethylbenzene	"	20.9	---	0.500	"	"	ND	"	104%	(64.5-132)	--	--	"	
Xylenes (total)	"	61.7	---	1.50	"	"	0.320	60.0	102%	(70.2-133)	--	--	"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 98.8%	Limits: 72.5-131%											09 22 05 10:37

<b>Matrix Spike Dup (5090070-MSD1)</b>		QC Source: A510070-01 Extracted: 09/21/05 08:22												
Benzene	AK101 GRO/BTEX	20.4	---	0.500	ug/l	1x	ND	20.0	102%	(62.1-143)	1.98% (13.3)		09/22/05 11:10	
Toluene	"	21.1	---	0.500	"	"	ND	"	106%	(68.5-133)	2.40% (16.4)		"	
Ethylbenzene	"	21.5	---	0.500	"	"	ND	"	108%	(64.5-132)	2.83% (14.8)		"	
Xylenes (total)	"	62.8	---	1.50	"	"	0.320	60.0	104%	(70.2-133)	1.77% (14.9)		"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 99.3%	Limits: 72.5-131%											09 22 05 11:10

QC Batch: 5090077 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (5090077-BLK1)</b>		Extracted: 09/22/05 14:29												
Gasoline Range Organics	AK101 GRO/BTEX	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	09/23/05 07:16	
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: 106%	Limits: 50-150%											09 23 05 07:16
a,a,a-TFT (PID)		94.5%	72.5-131%											"

<b>LCS (5090077-BS1)</b>		Extracted: 09/22/05 14:29												
Benzene	AK101 GRO/BTEX	19.0	---	0.500	ug/l	1x	--	20.0	95.0%	(77.3-136)	--	--	09/22/05 23:03	
Toluene	"	20.0	---	0.500	"	"	--	"	100%	(83.9-121)	--	--	"	
Ethylbenzene	"	20.8	---	0.500	"	"	--	"	104%	(77.7-125)	--	--	"	
Xylenes (total)	"	60.8	---	1.50	"	"	--	60.0	101%	(86-122)	--	--	"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 88.3%	Limits: 72.5-131%											09 22 05 23:03

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Bk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

QC Batch: 5090077      Water Preparation Method: EPA 5030B

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

**LCS (5090077-BS2)**      Extracted: 09/22/05 14:29

Gasoline Range Organics	AK101 GRO/BTEX	512	---	50.0	ug/l	1x	--	550	93.1%	(60-120)	--	--	09/22/05 23:36	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 108%	Limits: 50-150%											

**LCS Dup (5090077-BSD1)**      Extracted: 09/22/05 14:29

Benzene	AK101 GRO/BTEX	19.3	---	0.500	ug/l	1x	--	20.0	96.5%	(77.3-136)	1.57%	(16.9)	09/23/05 06:11	
Toluene	"	20.2	---	0.500	"	"	--	"	101%	(83.9-121)	0.995%	(12.5)	"	
Ethylbenzene	"	20.7	---	0.500	"	"	--	"	104%	(77.7-125)	0.482%	(11.8)	"	
Xylenes (total)	"	61.2	---	1.50	"	"	--	60.0	102%	(86-122)	0.656%	(10.6)	"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 98.2%	Limits: 72.5-131%											

**LCS Dup (5090077-BSD2)**      Extracted: 09/22/05 14:29

Gasoline Range Organics	AK101 GRO/BTEX	518	---	50.0	ug/l	1x	--	550	94.2%	(60-120)	1.17%	(20)	09/23/05 06:43	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 111%	Limits: 50-150%											

**Duplicate (5090077-DUPI)**      QC Source: A510071-04      Extracted: 09/22/05 14:29

Gasoline Range Organics	AK101 GRO/BTEX	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(50)	09/25/05 13:50	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 103%	Limits: 50-150%											

**Matrix Spike (5090077-MS1)**      QC Source: A510071-05      Extracted: 09/22/05 14:29

Benzene	AK101 GRO/BTEX	20.4	---	0.500	ug/l	1x	ND	20.0	102%	(62.1-143)	--	--	09/25/05 14:23	
Toluene	"	20.7	---	0.500	"	"	ND	"	104%	(68.5-133)	--	--	"	
Ethylbenzene	"	20.8	---	0.500	"	"	0.128	"	103%	(64.5-132)	--	--	"	
Xylenes (total)	"	60.2	---	1.50	"	"	0.586	60.0	99.4%	(70.2-133)	--	--	"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 95.7%	Limits: 72.5-131%											

**Matrix Spike Dup (5090077-MSD1)**      QC Source: A510071-05      Extracted: 09/22/05 14:29

Benzene	AK101 GRO/BTEX	20.6	---	0.500	ug/l	1x	ND	20.0	103%	(62.1-143)	0.976%	(13.3)	09/25/05 14:56	
Toluene	"	21.0	---	0.500	"	"	ND	"	105%	(68.5-133)	1.44%	(16.4)	"	
Ethylbenzene	"	21.1	---	0.500	"	"	0.128	"	105%	(64.5-132)	1.43%	(14.8)	"	
Xylenes (total)	"	60.8	---	1.50	"	"	0.586	60.0	100%	(70.2-133)	0.992%	(14.9)	"	
Surrogate(s): a,a,a-TFT (PID)		Recovery: 93.6%	Limits: 72.5-131%											

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Bk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

QC Batch: 5090066      Water Preparation Method: EPA 3510

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**Blank (5090066-BLK1)** Extracted: 09/20/05 13:56

Diesel Range Organics	AK102/103	1.00	---	0.500	mg/l	1x	--	--	--	--	--	--	09/21/05 16:52	B-19
Residual Range Organics	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	"
Surrogate(s): 1-Chlorooctadecane		Recovery: 87.7%		Limits: 50-150%								09/21/05 16:52		
Triacontane		95.9%		50-150%										

**LCS (5090066-BS1)** Extracted: 09/20/05 13:56

Diesel Range Organics	AK102/103	8.37	---	0.500	mg/l	1x	--	10.1	82.9%	(75-125)	--	--	09/21/05 14:16	B-19
Residual Range Organics	"	8.08	---	0.500	"	"	--	10.0	80.8%	(60-120)	--	--	"	"
Surrogate(s): 1-Chlorooctadecane		Recovery: 78.5%		Limits: 50-150%								09/21/05 14:16		
Triacontane		84.8%		50-150%										

**LCS Dup (5090066-BSD1)** Extracted: 09/20/05 13:56

Diesel Range Organics	AK102/103	8.87	---	0.500	mg/l	1x	--	10.1	87.8%	(75-125)	5.80% (20)		09/21/05 16:12	B-19
Residual Range Organics	"	8.26	---	0.500	"	"	--	10.0	82.6%	(60-120)	2.20%	"	"	"
Surrogate(s): 1-Chlorooctadecane		Recovery: 82.6%		Limits: 50-150%								09/21/05 16:12		
Triacontane		89.3%		50-150%										

**Duplicate (5090066-DUP1)** QC Source: AS10053-01      Extracted: 09/20/05 13:56

Diesel Range Organics	AK102/103	ND	---	0.431	mg/l	1x	ND	--	--	--	6.25% (50)		09/21/05 13:35	B-19
Residual Range Organics	"	ND	---	0.431	"	"	ND	--	--	--	NR	"	"	"
Surrogate(s): 1-Chlorooctadecane		Recovery: 85.7%		Limits: 50-150%								09/21/05 13:35		
Triacontane		92.8%		50-150%										

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
401 Alberto Way, Suite B	Project Number: <b>301726</b>	
Los Gajos, CA/USA 95032	Project Manager: <b>Brady Nagle</b>	

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

QC Batch: 5090075 Water Preparation Method: EPA 3510

Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**Blank (5090075-BLK1)** Extracted: 09/22/05 08:30

Diesel Range Organics	AK102/103	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	09/22/05 12:01	
Residual Range Organics	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-C <sup>14</sup> hlorooctadecane		Recovery:	85.9%	Limits: 50-150%		"							09/22/05 12:01	
Triacontane		Recovery:	84.5%	50-150%		"							"	

**LCS (5090075-BS1)** Extracted: 09/22/05 08:30

Diesel Range Organics	AK102/103	10.2	---	0.500	mg/l	1x	--	10.1	101%	(75-125)	--	--	09/22/05 12:01	
Residual Range Organics	"	9.72	---	0.500	"	"	--	10.0	97.2%	(60-120)	--	--	"	
Surrogate(s): 1-C <sup>14</sup> hlorooctadecane		Recovery:	90.0%	Limits: 50-150%		"							09/22/05 12:01	
Triacontane		Recovery:	96.6%	50-150%		"							"	

**LCS Dup (5090075-BSD1)** Extracted: 09/22/05 08:30

Diesel Range Organics	AK102/103	9.38	---	0.500	mg/l	1x	--	10.1	92.9%	(75-125)	8.38%	(20)	09/22/05 12:43	
Residual Range Organics	"	9.10	---	0.500	"	"	--	10.0	91.0%	(60-120)	6.59%	"	"	
Surrogate(s): 1-C <sup>14</sup> hlorooctadecane		Recovery:	84.3%	Limits: 50-150%		"							09/22/05 12:43	
Triacontane		Recovery:	91.5%	50-150%		"							"	

**Duplicate (5090075-DUP1)** QC Source: A510071-02 Extracted: 09/22/05 08:30

Diesel Range Organics	AK102/103	ND	---	0.413	mg/l	1x	ND	--	--	--	11.0%	(50)	09/22/05 12:43	
Residual Range Organics	"	ND	---	0.413	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-C <sup>14</sup> hlorooctadecane		Recovery:	88.6%	Limits: 50-150%		"							09/22/05 12:43	
Triacontane		Recovery:	86.0%	50-150%		"							"	

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

QC Batch: 5090082      Water Preparation Method: EPA 3510

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (5090082-BLK1)</b>													Extracted: 09/26/05 09:46	
Diesel Range Organics	AK102/103	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	09/27/05 11:49	
Residual Range Organics	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	94.0%	Limits:	50-150%	"							09/27/05 11:49	
Triacontane			98.8%		50-150%	"							"	
<b>LCS (5090082-BS1)</b>													Extracted: 09/26/05 09:46	
Diesel Range Organics	AK102/103	9.65	---	0.500	mg/l	1x	--	10.1	95.5%	(75-125)	--	--	09/27/05 11:49	
Residual Range Organics	"	9.42	---	0.500	"	"	--	10.0	94.2%	(60-120)	--	--	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	95.7%	Limits:	50-150%	"							09/27/05 11:49	
Triacontane			97.6%		50-150%	"							"	
<b>LCS Dup (5090082-BSD1)</b>													Extracted: 09/26/05 09:46	
Diesel Range Organics	AK102/103	9.61	---	0.500	mg/l	1x	--	10.1	95.1%	(75-125)	0.415%	(20)	09/27/05 12:31	
Residual Range Organics	"	9.61	---	0.500	"	"	--	10.0	96.1%	(60-120)	2.00%	"	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	95.1%	Limits:	50-150%	"							09/27/05 12:31	
Triacontane			96.1%		50-150%	"							"	
<b>Duplicate (5090082-DUP1)</b>													QC Source: A510085-03 Extracted: 09/26/05 09:46	
Diesel Range Organics	AK102/103	ND	---	0.455	mg/l	1x	ND	--	--	--	52.3%	(50)	09/27/05 13:11	Q-06
Residual Range Organics	"	ND	---	0.455	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	87.3%	Limits:	50-150%	"							09/27/05 13:11	
Triacontane			96.4%		50-150%	"							"	

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Number: 301726 Project Manager: Brady Nagle	

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

North Creek Analytical - Portland

QC Batch: 5091015	Water Preparation Method: EPA 5030B
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Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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Blank (5091015-BLK1)														Extracted: 09/24/05 09:13
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	09/24/05 12:14	
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	"	"	--	--	--	--	--	--	"	

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
	Project Number: <b>301726</b>	
	Project Manager: <b>Brady Nagle</b>	

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

QC Batch: **5091015** Water Preparation Method: **EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (5091015-BLK1)</b>														
Extracted: 09/24/05 09:13														
Isopropylbenzene	EPA 8260B	ND	---	2.00	ug/l	1x	--	--	--	--	--	--	09/24/05 12:14	
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:	97.0%	Limits:	75-120%	"							09/24/05 12:14	
1,2-DCA-d4			95.5%		77-129%	"							"	
Dibromofluoromethane			98.5%		80-121%	"							"	
Toluene-d8			100%		80-120%	"							"	

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b>	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: <b>09/30/05 01:22</b>
401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Number: 301726 Project Manager: Brady Nagle	

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

North Creek Analytical - Portland

<b>QC Batch: 5091015</b>	<b>Water Preparation Method: EPA 5030B</b>
--------------------------	--

Analyte	Method	Result	MDL <sup>A</sup>	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------------------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

**LCS (5091015-BS1)**

Extracted: 09/24/05 09:13

Benzene	EPA 8260B	20.3	---	1.00	ug/l	1x	--	20.0	102%	(80-120)	--	--	09/24/05 10:00	
Chlorobenzene	"	23.0	---	1.00	"	"	--	"	115%	(80-124)	--	--	"	
1,1-Dichloroethene	"	19.3	---	1.00	"	"	--	"	96.5%	(78-120)	--	--	"	
Toluene	"	22.1	---	1.00	"	"	--	"	110%	(80-124)	--	--	"	
Trichloroethene	"	20.1	---	1.00	"	"	--	"	100%	(80-132)	--	--	"	

Surrogate(s):	4-BFB	Recovery:	102%	Limits:	75-120%	"							09/24/05 10:00	
	1,2-DC'A-d4		95.0%		77-129%	"							"	
	Dibromofluoromethane		98.5%		80-121%	"							"	
	Toluene-d8		104%		80-120%	"							"	

**Matrix Spike (5091015-MS1)**

QC Source: P510786-01

Extracted: 09/24/05 09:13

Benzene	EPA 8260B	19.3	---	1.00	ug/l	1x	ND	20.0	96.5%	(80-124)	--	--	09/24/05 10:27	
Chlorobenzene	"	19.8	---	1.00	"	"	ND	"	99.0%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	19.1	---	1.00	"	"	ND	"	95.5%	(79.3-127)	--	--	"	
Toluene	"	19.5	---	1.00	"	"	ND	"	97.5%	(79.7-131)	--	--	"	
Trichloroethene	"	18.2	---	1.00	"	"	ND	"	91.0%	(68.4-130)	--	--	"	

Surrogate(s):	4-BFB	Recovery:	95.0%	Limits:	75-120%	"							09/24/05 10:27	
	1,2-DC'A-d4		91.5%		77-129%	"							"	
	Dibromofluoromethane		95.0%		80-121%	"							"	
	Toluene-d8		100%		80-120%	"							"	

**Matrix Spike Dup (5091015-MSD1)**

QC Source: P510786-01

Extracted: 09/24/05 09:13

Benzene	EPA 8260B	19.6	---	1.00	ug/l	1x	ND	20.0	98.0%	(80-124)	1.54%	(25)	09/24/05 10:54	
Chlorobenzene	"	20.0	---	1.00	"	"	ND	"	100%	(72.9-134)	1.01%	"	"	
1,1-Dichloroethene	"	19.5	---	1.00	"	"	ND	"	97.5%	(79.3-127)	2.07%	"	"	
Toluene	"	20.0	---	1.00	"	"	ND	"	100%	(79.7-131)	2.53%	"	"	
Trichloroethene	"	18.6	---	1.00	"	"	ND	"	93.0%	(68.4-130)	2.17%	"	"	

Surrogate(s):	4-BFB	Recovery:	99.5%	Limits:	75-120%	"							09/24/05 10:54	
	1,2-DC'A-d4		91.5%		77-129%	"							"	
	Dibromofluoromethane		95.5%		80-121%	"							"	
	Toluene-d8		100%		80-120%	"							"	

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name: <b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	Report Created: 09/30/05 01:22
	Project Number: 301726	
	Project Manager: Brady Nagle	

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

QC Batch: 5091023      Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (5091023-BLK1)</b>													Extracted: 09/25/05 08:23	
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	09/25/05 12:14	
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	"	"	--	--	--	--	--	--	"	

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<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<b>Report Created:</b> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

North Creek Analytical - Portland

QC Batch: 5091023      Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (5091023-BLK1)</b>													Extracted: 09/25/05 08:23	
Isopropylbenzene	EPA 8260B	ND	---	2.00	ug/l	1x	--	--	--	--	--	--	09/25/05 12:14	
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	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 4-BFB</i>		<i>Recovery:</i>	<i>97.0%</i>	<i>Limits: 75-120%</i>		"							<i>09/25/05 12:14</i>	
<i>1,2-IX A-DI</i>			<i>98.0%</i>	<i>77-129%</i>		"								
<i>Dibromofluoromethane</i>			<i>98.0%</i>	<i>80-121%</i>		"								
<i>Toluene-d8</i>			<i>102%</i>	<i>80-120%</i>		"								

North Creek Analytical - Alaska

Stephen Wilson For Mike Priebe, Technical Services Manager

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	Project Number:	301726	
	Project Manager:	Brady Nagle	

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

QC Batch: 5091023      Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (5091023-BS1)</b>														
Extracted: 09/25/05 08:23														
Benzene	EPA 8260B	19.9	---	1.00	ug/l	1x	--	20.0	99.5%	(80-120)	--	--	09/25/05 10:01	
Chlorobenzene	"	21.7	---	1.00	"	"	--	"	108%	(80-124)	--	--	"	
1,1-Dichloroethene	"	17.3	---	1.00	"	"	--	"	86.5%	(78-120)	--	--	"	
Toluene	"	20.8	---	1.00	"	"	--	"	104%	(80-124)	--	--	"	
Trichloroethene	"	19.6	---	1.00	"	"	--	"	98.0%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		Recovery: 101%		Limits: 75-120%								09/25/05 10:01		
1,2-DC'A-d4		92.0%		77-129%										
Dibromofluoromethane		95.5%		80-121%										
Toluene-d8		99.5%		80-120%										

<b>Matrix Spike (5091023-MS1)</b>														
QC Source: P510796-01      Extracted: 09/25/05 08:23														
Benzene	EPA 8260B	20.1	---	1.00	ug/l	1x	ND	20.0	100%	(80-124)	--	--	09/25/05 10:28	
Chlorobenzene	"	20.1	---	1.00	"	"	ND	"	100%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	18.4	---	1.00	"	"	ND	"	92.0%	(79.3-127)	--	--	"	
Toluene	"	19.9	---	1.00	"	"	ND	"	99.5%	(79.7-131)	--	--	"	
Trichloroethene	"	19.1	---	1.00	"	"	ND	"	95.5%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		Recovery: 98.0%		Limits: 75-120%								09/25/05 10:28		
1,2-DC'A-d4		89.5%		77-129%										
Dibromofluoromethane		90.0%		80-121%										
Toluene-d8		97.0%		80-120%										

<b>Matrix Spike Dup (5091023-MSD1)</b>														
QC Source: P510796-01      Extracted: 09/25/05 08:23														
Benzene	EPA 8260B	21.1	---	1.00	ug/l	1x	ND	20.0	106%	(80-124)	4.85%	(25)	09/25/05 10:54	
Chlorobenzene	"	21.1	---	1.00	"	"	ND	"	106%	(72.9-134)	4.85%	"	"	
1,1-Dichloroethene	"	19.8	---	1.00	"	"	ND	"	99.0%	(79.3-127)	7.33%	"	"	
Toluene	"	21.0	---	1.00	"	"	ND	"	105%	(79.7-131)	5.38%	"	"	
Trichloroethene	"	20.2	---	1.00	"	"	ND	"	101%	(68.4-130)	5.60%	"	"	
Surrogate(s): 4-BFB		Recovery: 101%		Limits: 75-120%								09/25/05 10:54		
1,2-DC'A-d4		95.0%		77-129%										
Dibromofluoromethane		95.5%		80-121%										
Toluene-d8		102%		80-120%										

North Creek Analytical - Alaska

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Stephen Wilson For Mike Priebe, Technical Services Manager

North Creek Analytical, Inc.  
 Environmental Laboratory Network

<b>SAIC</b> 401 Alberto Way, Suite B Los Gajos, CA/USA 95032	Project Name:	<b>Former Tex. Bulk Plant Blk 10 Lot 5 FBX Airport</b>	<u>Report Created:</u> 09/30/05 01:22
	Project Number:	301726	
	Project Manager:	Brady Nagle	

**Notes and Definitions**

Report Specific Notes:

- B-19 - Analyte detected in the method blank at a concentration greater than or equal to the MRL. Sample concentrations less MRL, data not affected.
- Q-06 - Analyses are not controlled on RPD values from sample concentrations less than 5 times the reporting limit.

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.

North Creek Analytical - Alaska



Stephen Wilson For Mike Priebe, Technical Services Manager

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**North Creek Analytical, Inc.**  
Environmental Laboratory Network





2 COOLERS

# CHAIN OF CUSTODY REPORT

Work Order #: **AST007**

INVOICE TO: **SAIC** P.O. NUMBER: **483560200**

NCA CLIENT: **REPORT TO: BRADY NAGLE SAIC  
 ADDRESS: 401 ALBERTO WAY  
 LOS GATOS, CA 95032  
 PHONE: 483560200 FAX: 4083562963**

PROJECT NAME: **FORMER TEXACO TERMINAL 301726  
 PROJECT NUMBER: 501726  
 SAMPLED BY: SK**

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W.S.O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1 MW-1	9-19-05 @ 2100		BLOAK DIXIE DR0 R1102 R40 R1103 V025 V020B	W	8		
2 MW-2	@				1		
3 MW-3	@ 1930				1		
4 MW-4	@ 1820				1		
5 MW-5	@ 2000				1		
6 MW-6	@ 1910				1		
7 PURGE WATER	@ 2110				1	Rummy	
8 TRIP # 1					3		
9 TRIP # 2					3		
10							

TURNAROUND REQUEST in Business Days \*  
 Organic & Inorganic Analyses  
 Petroleum Hydrocarbon Analyses  
 OTHER Specify:  
 \* Turnaround depends on the method you have selected.

RELEASED BY: **SK** DATE: **9/20/05**  
 PRINT NAME: **STEPHEN KREICK** FIRM: **SAIC**  
 RECEIVED BY: **SAIC** DATE: **9/20/05**  
 PRINT NAME: **STEPHEN KREICK** FIRM: **SAIC**

ADDITIONAL REMARKS: **EMAIL RESULTS BRADY NAGLE  
 NAGLE@SAIC.COM  
 KRC12@SAIC.COM**