

Bentley Mall  
Tax Lot 217, Section 2, Township 1 South, Range 1 West  
Groundwater Monitoring Well Report  
Fairbanks, Alaska  
2007

**ALASKA RESOURCES & ENVIRONMENTAL SERVICES, LLC**



SUBMITTED TO:  
Alaska Department of Environmental Conservation  
Northern Regional Office  
Contaminated Sites Program  
610 University Avenue  
Fairbanks, Alaska 99709-3643

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**INTRODUCTION**

This report was prepared on behalf of Rawson, Blum and Company who has contracted with Alaska Resources & Environmental Services (ARES) to perform groundwater monitoring associated with the historical release of chlorinated solvents into the groundwater (ADEC file #102.38.122).

Groundwater samples were collected in 2007 from permanent monitoring wells located both on-site and off-site (three sampling events) and from the air sparge wells located on-site (one sampling event). The groundwater samples were collected for long-term monitoring purposes and to assess SVE/Air sparge system performance.

All wells sampled in 2007 were sampled in general accordance with ADEC Oil and Other Hazardous Substances Pollution Control Regulations (18 AAC 75 – amended December 30, 2006).

**SITE BACKGROUND**

**Site Description**

The Bentley Mall complex is situated on an approximate 12 acre site located north of College Road near the intersection of the Old Steese Highway (Figure 1). The site as depicted in the U.S. Geological Survey (USGS) Fairbanks D-2 (SE) quadrangle is located in the southwest ¼ of Section 2, Township 1 South, Range 1 West, Fairbanks Meridian. The Mall property includes several satellite buildings in addition to the main mall located in the Bentley Mall complex (Figure 2). The remaining portions of the site are paved. Nearby surface water bodies include Noyes Slough (0.1 miles to the south and west), and the Chena River (0.5 miles to the south).

**History**

The *Bentley Mall Site Characterization Report* dated April 2006, presented findings of contamination characteristics on Bentley Mall property and properties located hydraulically down-gradient from the site. The site investigation included evaluation of impacts to soil, groundwater, surface water, and evaluation of impacts affecting potential receptors such as water wells and buildings.

A contaminant plume consisting primarily of chlorinated volatile organic compounds tetrachlorethene (PCE) and the associated degradation product trichloroethene (TCE), were found to originate on Bentley Mall property in the vicinity of the East Satellite building with a trend to the west in the generalized direction of the groundwater flow.

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The leading edge of the plume was found to terminate in Charles Slater Subdivision approximately 2,000 feet (0.37 miles) west of the East Satellite building. The interpreted width of the plume ( $> 5.0 \mu\text{g/L}$  PCE, TCE) was determined to be approximately 1,000 feet wide as its maximum point.

PCE and TCE were detected above ADEC cleanup levels in soil, groundwater, and the surface water body of Noyes Slough.

In accordance with the work plan submitted June 2006, a soil vapor extraction (SVE) system was installed in September 2006. The SVE system consists of a total of 16 air sparge wells, and nine vapor extraction wells along with associated underground piping and wiring (Appendix A-Figure 2). Operational characteristics of the remedial system were detailed in the *Air-Sparging and Vapor-Extraction System Installation and Start-Up Report* dated January 2007

### **Topography**

The United States Geological Survey (USGS) Fairbanks Quadrangle (D-2) provides topographic map coverage of the site (Figure 1). Fairbanks is located in the northern part of the Tanana Basin, which is a relatively flat floodplain of the Tanana River. The subject property is situated approximately 7 miles north of the Tanana River and 0.5 miles north of the Chena River. Based upon the topographic map of the Fairbanks Quadrangle, the site elevation is approximately 446 feet above the mean sea level.

### **Regional Hydrology**

The Chena River is the dominant influence on ground-water flow in the subject area. Two discharge peaks characterize the Chena River: spring snowmelt runoff and late summer precipitation. The Noyes Slough also has a local influence on groundwater flow. The stage of Noyes Slough typically rises and falls in response to stage changes of the Chena River. The depth to groundwater varies in response to these controlling factors. Based on interpretation of USGS data, regional groundwater flow direction is generally to the west direction.

### **Site Hydrology**

The groundwater elevation ranged from approximately 15-17 feet bgs at the time of the sampling events. Based on groundwater elevations, the groundwater flow is to the west with a relatively flat gradient of approximately 0.0009 vertical feet/horizontal feet. This is consistent with data obtained from previous groundwater investigations conducted in the area.

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## **GROUNDWATER SAMPLING**

### **Scope of Work**

To achieve the stated objectives, ARES performed the following tasks:

- Collected groundwater elevations and water quality parameter measurements to include temperature, pH, conductivity, turbidity, dissolved oxygen, and salinity;
- Collected natural attenuation parameters;
- Verified groundwater flow direction by using well elevation data;
- Collection of groundwater samples and duplicate samples. Samples were analyzed for VOC's by method EPA 8260B, TOC by method EPA 9060, and Methane, Ethane, Ethene by method RSK 175; and
- Data review and report preparation.

### **Sampling Method**

The monitoring well was developed, purged and sampled in accordance with the UST Procedures Manual and standard procedures. A peristaltic pump, with new polyethylene tubing and new nitrile gloves were used during the sampling events. Prior to sampling, the groundwater elevation was measured to 0.010 feet using a Heron Model D-T Interface Meter. Well volume was then calculated, and at least three times the well volume was purged prior to sampling. Recharge rates were observed during purging, and water levels measurements taken following sampling. Water parameters were recorded to include temperature, pH, conductivity, turbidity, and salinity using a Horiba Water Meter Model U-10. Dissolved oxygen was measured using a YSI – 55.

Natural attenuation parameters were measured in order to evaluate the relative effectiveness of natural attenuation occurring at the site. Groundwater samples were collected and laboratory analyzed for ethane, ethane, and methane by method RSK-175, and total organic carbon by EPA method 5310B. Additional parameters were measured in the field to include the following:

- Alkalinity (Phenolphthalein)
- Alkalinity (Total)
- Carbon Dioxide
- Chloride
- Iron (Ferrous)
- Iron (Total)
- Manganese
- Nitrate
- Nitrite
- Oxidation Reduction Potential
- Sulfate

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- Sulfide

Once well was sufficiently recharged and groundwater parameters stabilized, samples were collected in order of decreasing volatility. The tubing was carefully lowered in to the well to avoid loss of volatiles and water collected from the peristaltic pump was placed directly into lab supplied sample bottles. Volatile samples were collected to avoid any headspace in the bottle. All bottles were labeled and placed in a pre-chilled cooler (at approximately 4°C) and submitted to ADEC approved laboratory following chain of custody (COC) procedures.

Purge water was placed in drums and temporarily stored on-site pending laboratory results, then disposed of at the Golden Heart Utility Wastewater Treatment Plant.

Groundwater samples were collected from the permanent monitoring wells (MW) in February, May and November of 2007. Groundwater samples were collected from the sparge wells (SW) in June 2007. A blind field duplicate sample was collected per every ten samples for quality assurance/quality control purposes.

### **Analytical Results**

There was no odor or sheen detected from wells or purge water during sampling activities from monitoring wells MW-1 through MW-13 and air-sparge wells SW-1 through SW-16. Purge water ranged from highly silty to nearly clear in appearance. Groundwater elevations between sampling events ranged from approximately 15'-17' bgs.

All sampling events described in this report were analyzed for VOC by method EPA 8260B, TOC by method EPA 9060, and Methane, Ethane, Ethene by method RSK 175. A summary of 2007 groundwater sample results are shown in Tables 1, 2. A summary to include historical sample results is included in Appendix B. Natural attenuation parameters are shown in Appendix C. Well data sheets are included in Appendix D and analytical results in Appendix E.

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**Table 1  
Groundwater Monitoring Well Analytical Results Summary 2007  
(Results shown as µg/L)**

<b>Summary of PCE, TCE Constituents Detected in Groundwater MW Wells</b>			
<b>Location</b>	<b>Date Sampled</b>	<b>PCE (µg/L)</b>	<b>TCE (µg/L)</b>
MW-1	02/08/07	<b>10.2</b>	ND
	05/23/07	<b>6.37</b>	ND
	11/05/07	3.53	ND
MW-2 DUP	02/08/07	<b>3,040</b>	ND
	02/08/07	<b>3,620</b>	ND
	05/23/07	<b>2,660</b>	ND
	11/05/07	<b>1,820</b>	<b>5.94</b>
DUP	11/05/07	<b>1,250</b>	<b>6.23</b>
MW-3	02/08/07	ND	ND
	05/23/07	ND	ND
	11/05/07	ND	ND
MW-4 DUP	02/09/07	<b>281</b>	<b>15.1</b>
	05/24/07	<b>113</b>	<b>68.0</b>
	05/24/07	<b>167</b>	<b>33.6</b>
	11/06/07	<b>227</b>	<b>10.9</b>
MW-5	02/09/07	<b>39.40</b>	3.87
	05/23/07	<b>29.60</b>	2.47
	11/06/07	<b>20.30</b>	1.54
MW-6	*	*	*
MW-7	02/09/07	<b>8.67</b>	<b>5.05</b>
	05/24/07	<b>8.35</b>	<b>5.91</b>
	11/06/07	<b>5.6</b>	4.61
MW-8	02/12/07	3.45	ND
	05/25/07	3.66	ND
	11/07/07	2.14	ND
MW-9	02/13/07	<b>15.7</b>	<b>13.20</b>
	05/25/07	<b>17.1</b>	<b>12.90</b>
	11/07/07	<b>23</b>	<b>12.00</b>
MW-10	02/13/07	<b>147</b>	<b>22.9</b>
	05/25/07	<b>128</b>	<b>21.0</b>
	11/07/07	<b>114</b>	<b>19.4</b>
MW-11	02/13/07	4.41	ND
	05/26/07	<b>5.06</b>	ND
	11/08/07	<b>5.37</b>	1.18
MW-12	02/12/07	<b>192</b>	<b>6.6</b>
	05/26/07	<b>688</b>	<b>32.4</b>
	11/08/07	<b>492</b>	<b>33.4</b>
MW-13	02/12/07	<b>102</b>	ND
	05/26/07	<b>56.1</b>	ND
	11/08/07	<b>118</b>	ND
ADEC Cleanup Goals		5.0	5.0

µg/L – Micrograms/Liter (Equivalent to ppb)

ND - Compound was not detected (less than the practical quantitation limit)

Results above ADEC Regulatory Limit in **Bold**.

N/A – Not Applicable

Dup – Duplicate field blank sample

\* No water in well casing- no sample collected

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**Table 2  
Groundwater Air-Sparge Well Analytical Results Summary 2007  
(Results shown as µg/L)**

<b>Summary of Constituents Detected in Groundwater SW Wells</b>			
<b>Location</b>	<b>Date Sampled</b>	<b>PCE (µg/L)</b>	<b>TCE (µg/L)</b>
SW-1	06/16/07	ND	ND
SW-2	06/16/07	ND	ND
SW-3	06/16/07	1.04	ND
SW-4	06/18/07	<b>7.9</b>	ND
SW-5	08/22/07	<b>1,650</b>	2.87
SW-6	06/18/07	<b>203</b>	ND
SW-7	06/18/07	<b>147</b>	<b>24.4</b>
DUP	06/18/07	<b>151</b>	<b>21.0</b>
SW-8	06/19/07	<b>12.10</b>	ND
SW-9	06/19/07	1.41	ND
SW-10	06/19/07	4.15	ND
SW-11	08/22/07	2.33	ND
SW-12	06/19/07	<b>9.82</b>	ND
SW-13	06/19/07	<b>6.35</b>	ND
SW-14	06/20/07	1.45	ND
DUP	06/20/07	1.44	ND
SW-15	06/20/07	ND	ND
SW-16	06/20/07	3.04	ND
ADEC Cleanup Goals		5.0	5.0

µg/L – Micrograms/Liter (Equivalent to ppb)

ND - Compound was not detected (less than the practical quantitation limit)

Results above ADEC Regulatory Limit in **Bold**.

N/A – Not Applicable

Dup – Duplicate field blank sample

Note: See comments regarding air sparge results Table 2 Appendix B

### **Quality Assurance / Quality Control**

Field quality control (QC) procedures for this project included the collection and analysis of a field duplicate and trip blank, which accompanied the samples in the field. A total of five field duplicates (DUPs) were collected for quality control purposes for the four sampling events. The QC samples were analyzed to assess the quality of sample collection and handling, as well as the accuracy and precision of the laboratory's analytical procedures.

Precision, expressed as the relative percent difference (RPD) between field duplicate sample results, is an indication of the consistency of sampling, sample handling, preservation, and laboratory analysis. As required by the 18AAC 78 and the UST Procedures Manual, field quality control sampling consisted of 10% field duplicates and 5% trip blanks. The RPD's were calculated for both PCE and TCE for each duplicate sample. Two of the RPD calculations were not calculable due to non-detect values for one or both samples.

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Analysis of the trip blanks showed no analytes above the practical quantitation limit (PQL). Thus, there is no indication that cross-contamination among samples occurred

The following blind field duplicates and associated RFD calculations are as follows:

Sample ID	Compound	Equation	RPD
MW-2 & DUP 02/2007	PCE	$( 3620 - 3040 ) / [ ( 3620 + 3040 ) / 2 ] \times 100 =$	17.4%
	TCE	Not Calculable Due to Non-detect Values	N/A
MW-4 & DUP 05/2007	PCE	$( 167 - 113 ) / [ ( 167 + 113 ) / 2 ] \times 100 =$	38.6%
	TCE	$( 68.0 - 33.6 ) / [ ( 68.0 + 33.6 ) / 2 ] \times 100 =$	67.7%
SW-7 & DUP 06/2007	PCE	$( 151 - 147 ) / [ ( 151 + 147 ) / 2 ] \times 100 =$	2.68%
	TCE	$( 24.4 - 21.0 ) / [ ( 24.4 + 21.0 ) / 2 ] \times 100 =$	15.0%
SW-14 & DUP 06/2007	PCE	$( 1.45 - 1.44 ) / [ ( 1.45 + 1.44 ) / 2 ] \times 100 =$	0.692%
	TCE	Not Calculable Due to Non-detect Values	N/A
MW-2 & DUP 11/2007	PCE	$( 1820 - 1250 ) / [ ( 1820 + 1250 ) / 2 ] \times 100 =$	37.1%
	TCE	$( 6.23 - 5.94 ) / [ ( 6.23 + 5.94 ) / 2 ] \times 100 =$	4.77%

The recommended range for RPD for water analysis is < 30%. The RPD was outside the range for three of the RPD calculations. Two of the RPD calculations were not calculable due to non-detect values for one or both samples.

Laboratory quality assurance included the procedures outlined in the laboratory's ADEC-approved standard operating procedures documentation. As presented in the laboratory report's QC summary sheet, the laboratory QC parameters fell within the acceptable limits.

### Groundwater Results Analysis

Groundwater sample results for 2007 in general, showed an overall decrease in levels of both PCE and TCE (Appendix B). Levels of PCE in the source area (MW-2) were reduced by approximately 40% over 2006 levels. Graph 1 depicts the general trend for PCE levels in MW-2 since the installation of the SVE / Air-sparge system.

The sample dates with corresponding levels of PCE in groundwater are shown in Table 3



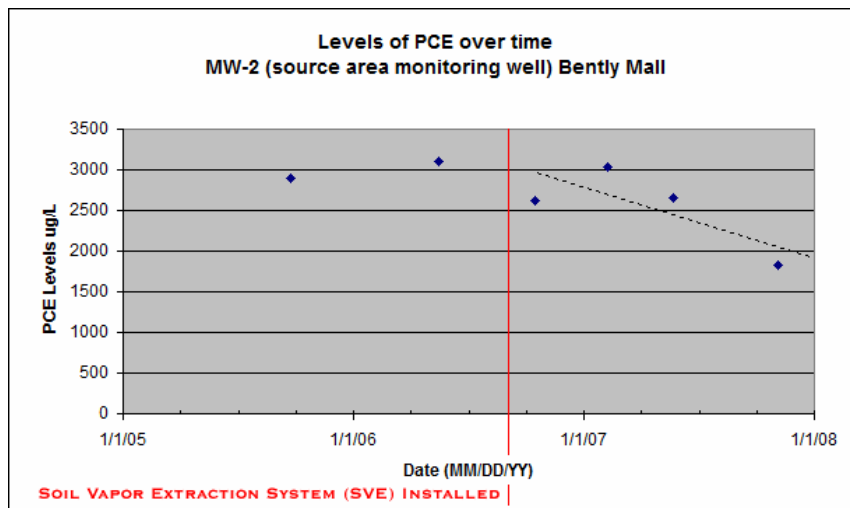
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**Table 3  
MW-2 PCE Sample Results**

Well	Sample Date	PCE
		µg/L
MW-2	09/22/05	2,900
	05/15/06	3,100
	10/16/06	2,620
	02/08/07	3,040
	05/23/07	2,660
	11/05/07	1,820

**Graph 1  
MW-2 PCE results over time**



Sample results indicate that there was a spike in levels of PCE between the February and May 2007 sampling events in several down-gradient wells, most noticeably MW-12, which is located directly down-gradient from the source area. Based on this data, selective air sparge points were either shut off or the pressure reduced to eliminate spreading of contaminants outside the effective radius of influence of the SVE wells. Sample results again collected in November 2007 indicate a decrease in levels of PCE in MW-12 over the May 2007 sampling event. Graph 2 depicts the general trend for PCE levels in MW-12 since the installation of the monitoring well.

The sample dates with corresponding levels of PCE in groundwater are shown in Table 4

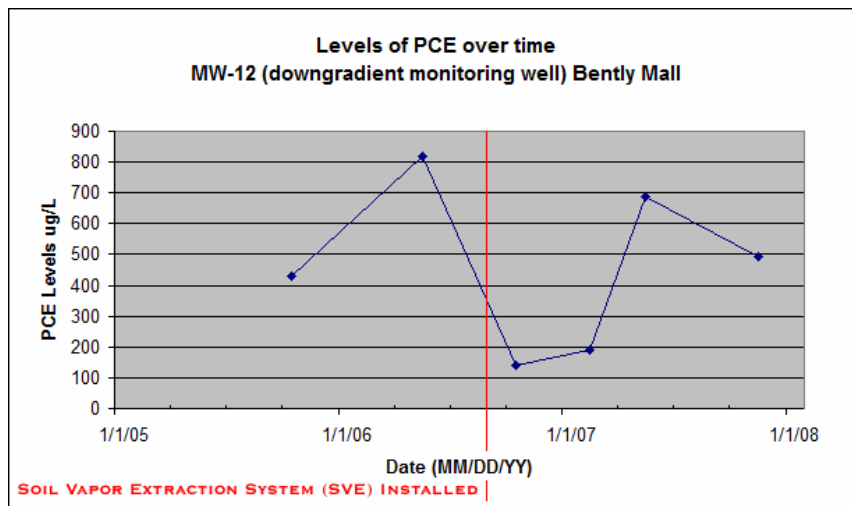
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**Table 4  
MW-12 PCE Sample Results**

Well	Sample Date	PCE
		µg/L
MW-12	10/29/05	430
	05/17/06	820
	10/18/06	138
	02/12/07	192
	05/26/07	688
	11/08/07	492

**Graph 2  
MW-12 PCE results over time**



It should be noted that some spikes in PCE levels may however be attributed to seasonal variations in the groundwater table as can be seen between the October 2005 and May 2006 sampling events which was prior to implementation of the SVE / Air-sparge system. Both spikes in PCE levels occurred during May sampling events.

**Conclusions and Recommendations**

Based on sample results collected in 2007, there was an overall reduction in levels of PCE and TCE in groundwater. Several down-gradient wells did show a spike in PCE levels, which may in part be attributed to a combination of spreading of contaminants and fluctuation in groundwater table; however, remaining down-gradient wells showed a steady reduction of PCE levels in groundwater.

ARES recommends the following:

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- Schedule quarterly groundwater sampling event of monitoring wells (March 2008) for VOC analysis. Groundwater results will be used for trend analysis to determine if the plume has stabilized or is in a decreasing or increasing trend and to monitor remediation system performance.

**Limitations**

This report presents the analytical results from a limited number of groundwater samples, and should not be construed as a comprehensive study of groundwater quality at the site. The samples were intended to evaluate the presence or absence of contaminants at the locations selected. Detectable levels of analyzed constituents may be present at other locations. It was also not the intent of our sampling and testing to detect the presence of groundwater affected by contaminants other than those for which laboratory analysis were performed. No conclusions can be drawn on the presence or absence of other contaminants. This is not a geotechnical study.

The data presented in this report should be considered representative of the time of our site observations and sample collection. Changes in site conditions can occur with time because of natural forces or human activity. ARES reserves the right to modify or alter conclusions and recommendations should additional data become available.

This report was prepared for the exclusive use of Rawson, Blum and Company and its representatives. If it is made available to others, it should be for information on factual data only and not as a warranty of subsurface conditions.

**Qualifications & Signature of Environmental Professional**

Lyle Gresehover is an ADEC ‘Qualified Person’ and has extensive field experience as an environmental project manager and has worked on all aspects of environmental assessments, investigations, and clean-up efforts.

Lyle Gresehover  
Project Manager

Sincerely,



Lyle Gresehover  
Alaska Resources and Environmental Services, LLC

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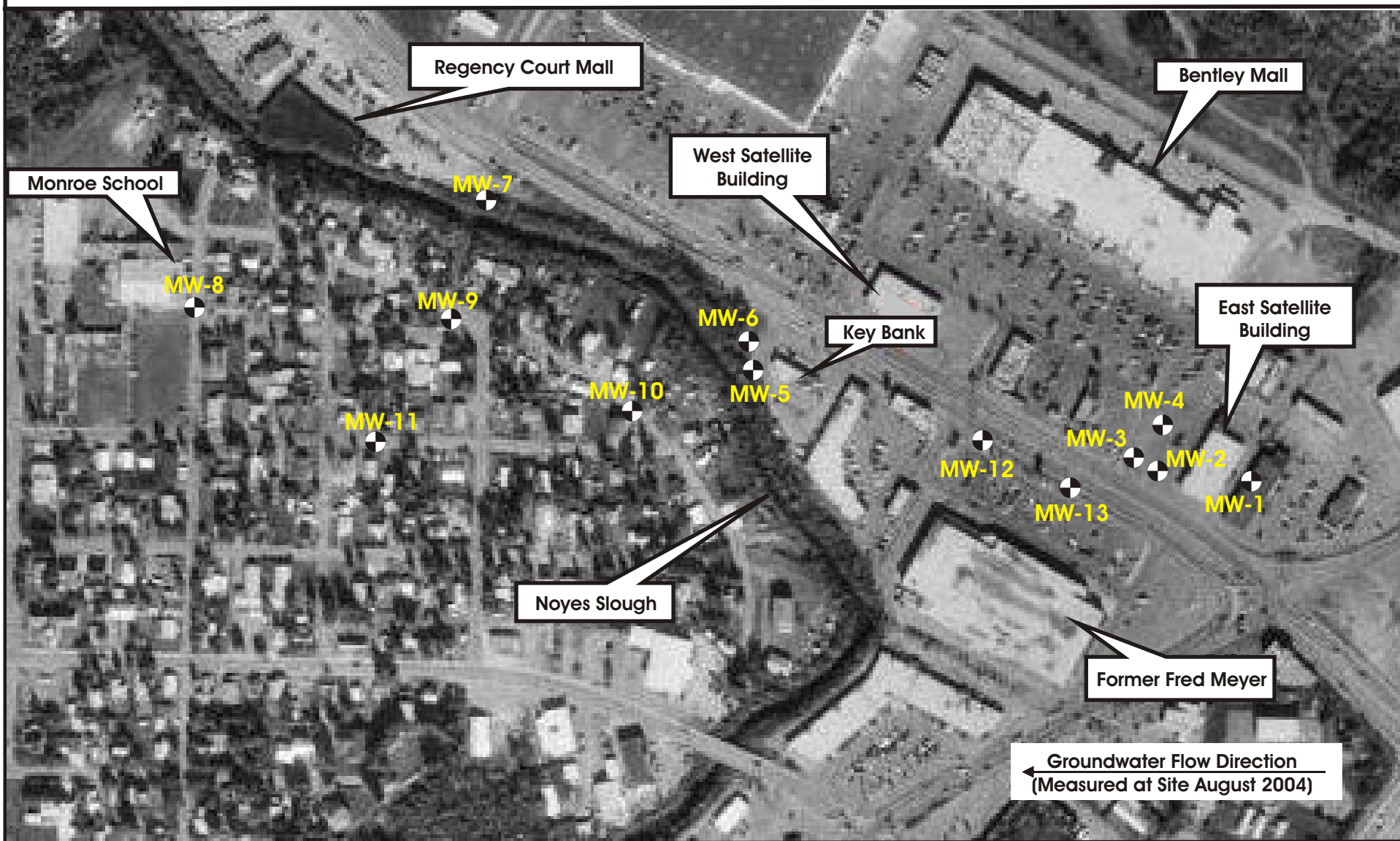

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Enclosure:   Appendix A Figures  
                    Figure 1 - Monitor well location map  
                    Figure 2 - Sparge well location map  
Appendix B Historical summary of analytical results  
Appendix C Natural attenuation data  
Appendix D Well data sheets  
Appendix E 2007 Groundwater analytical results  
Appendix F Qualifications

# **APPENDIX A**

## **Figures**

**Groundwater Monitoring Wells  
Site Map**

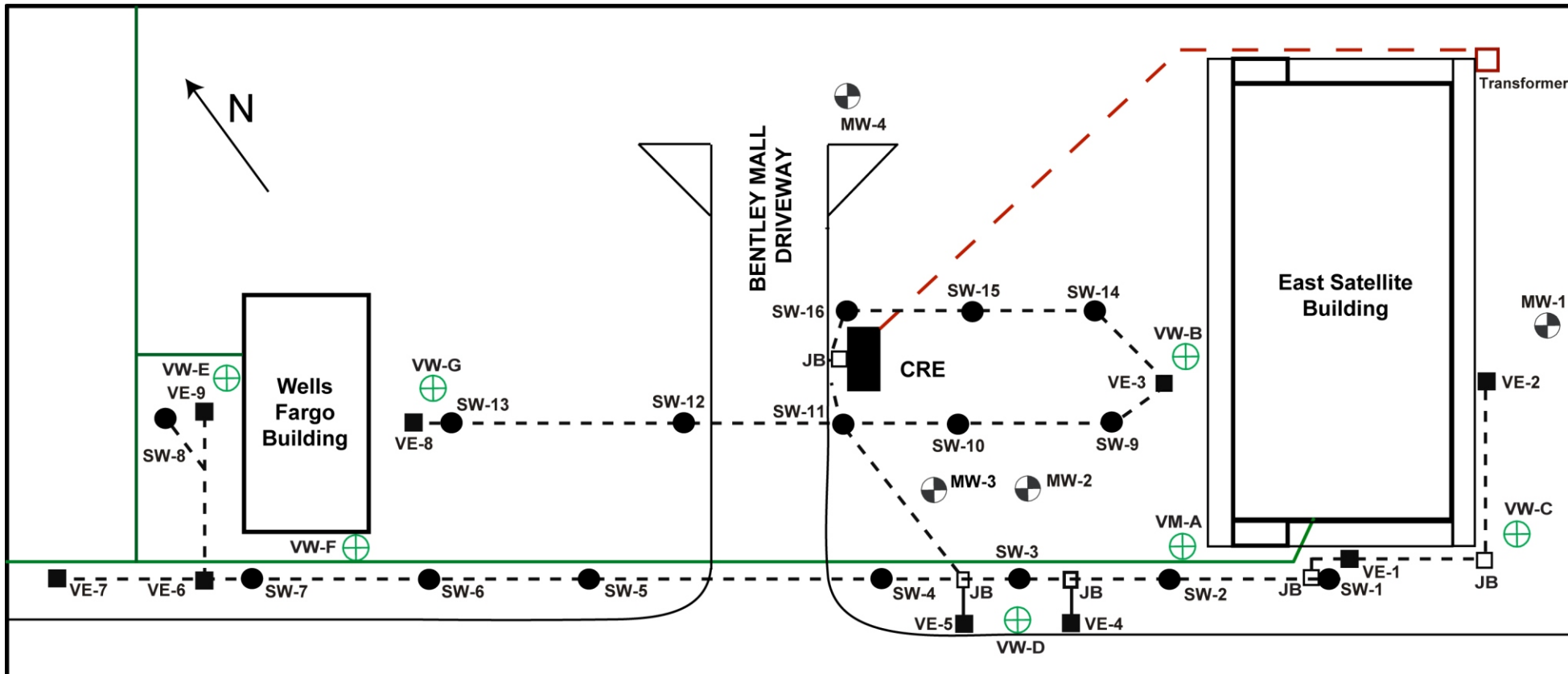
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**KEY**


 Permanent Groundwater  
Monitoring Well

**Groundwater  
Sampling Report 2007  
Bentley Mall  
Fairbanks, AK 99701  
March 2008**

**FIGURE 1**  
**Monitoring Well Site  
Location Map  
MW-01- MW-13**



Scale in Feet



0 45

COLLEGE ROAD

### Legend

● SW-1 Air-Sparging Well (08-09/06)

■ VE-1 Vapor-Extraction Well (08-09/06)

⊕ VM-A Vadose Monitoring Well (08-09/06)

⊗ MW-1 Groundwater Monitoring Well (09/05)

CRE Containerized Remediation Equipment

--- Air Sparging and Vapor Extraction Piping Trench (08-09/06)

— Wastewater Sewer Line

- - - 230 VAC 3-Phase Power Supply

□ JB System Piping Junction Box (08-09/06)

## FIGURE 2

Layout of Air Sparging and Vapor Extraction System  
Bentley Mall, Fairbanks, Alaska

# **APPENDIX B**

## **Historical Summary of Analytical Results**



**TABLE 1**  
**Groundwater Monitoring Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	09/20/05	31	ND <0.16	ND <0.33	ND <0.48	2.0	17	31	ND <0.17	0.98 J	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	17	ND <0.16	ND <0.33	ND <0.48	ND <0.20	35	86	ND <0.17	2.0	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	45.6	ND <0.200	ND <0.200	ND <0.200	3.01	14.4	53.7	ND <0.200	0.820	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/08/07	10.2	ND <1.00	ND <1.00	ND <1.00	ND <1.00	27.7	25.8	ND <1.00	1.77	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/23/07	6.37	ND <1.00	ND <1.00	ND <1.00	ND <1.00	22.9	13.3	ND <1.00	1.20	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/05/07	3.53	ND <1.00	ND <1.00	ND <1.00	ND <1.00	14.1	13.5	ND <1.00	1.38	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
MW-2	09/22/05	2,900	15	21	ND <0.48	ND <0.2	0.40 J	39	0.47 J	ND <0.16	2.3 J	0.15 J	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	3,100	13	12	ND <0.48	ND <0.20	ND <0.30	55	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	2,620	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <50.0	ND <20.0	ND <20.0	ND <1,000	ND <20.0	ND <20.0	ND <50.0	ND (<20.0 to <500)
	02/08/07	3,040	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	29.4	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <200)
	Dup 02/08/07	3,620	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	30.6	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <200)
	05/23/07	2,660	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	22.2	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <80.0)
	11/05/07	1,820	5.94	7.29	ND <1.00	ND <1.00	1.95	18.9	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
Dup 11/08/07	1,250	6.23	6.94	ND <1.00	ND <1.00	1.91	20.6	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)	
MW-3	09/22/05	4.1	ND <0.16	ND <0.33	ND <0.48	0.74 J	2.9	ND <0.23	ND <0.17	ND <0.16	3.2 J	1.0	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	9.0	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	0.330	0.270	0.510	ND <0.200	0.690	ND <0.200	0.850	ND <0.200	ND <0.200	ND <10.0	0.460	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/08/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/23/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/05/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	1.22	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
MW-4	09/24/05	290	5.5	ND <0.33	ND <0.48	ND <0.20	ND <0.30	2.1	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	130	62	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	400	12.6	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <5.00	ND (<2.00 to <50.0)
	02/09/07	281	15.1	ND <2.00	ND <2.00	ND <2.00	ND <2.00	2.88	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to <10.0)
	05/24/07	113	68.0	2.97	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <25.0)
	Dup 05/26/07	167	33.6	1.58	ND <1.00	ND <1.00	ND <1.00	ND <1.00	1.74	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/06/07	227	10.9	ND <1.00	ND <1.00	ND <1.00	ND <1.00	2.61	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals	5	5	70	100	5	100	NE	NE	100	3,650	5.0	NE	3,650	Varies by Compound	
EPA Region 9 PRGs	0.10	0.028	61	120	0.12	0.17	1,300	0.43	0.18	5,500	0.35	11	1,000	Varies by Compound	

**TABLE 1 Continued**  
**Groundwater Monitoring Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5  Dup	09/24/05	210	31	4.0	ND <0.48	0.57 J	ND <0.30	2.6	ND <0.17	ND <0.16	ND <0.73	0.35 J	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	210	52	3.0	ND <0.48	ND <0.20	ND <0.30	8.3	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	280	34	ND <3.3	ND <4.8	ND <2.0	ND <3.0	ND <2.3	ND <1.7	ND <1.6	ND <7.3	ND <1.5	ND <2.3	ND <2.4	ND (<0.82 to <6.2)
	10/16/06	146	18.6	2.52	ND <0.800	ND <0.800	ND <0.800	5.04	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/09/07	39.4	3.87	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/23/07	29.6	2.47	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/06/07	20.3	1.54	ND <1.00	ND <1.00	ND <1.00	ND <1.00	2.14	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
MW-6  Dup1	09/24/05	64	5.6	1.3 J	ND <0.48	ND <0.20	ND <0.30	1.0 J	ND <0.17	ND <0.16	12 J	ND <0.15	0.33 J	ND <0.24	ND (<0.082 to <0.62)
09/24/05	57	5.3	1.5 J	ND <0.48	ND <0.20	ND <0.30	ND <0.30	ND <0.23	ND <0.17	ND <0.16	4.4 J	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
05/16/06	54	4.1	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
10/16/06	66.1	4.73	1.16	ND <0.200	ND <0.200	ND <0.200	3.29	ND <0.200	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
(1)	02/09/07														
(1)	05/23/07														
(1)	11/06/07														
MW-7	10/27/05	7.3	3.6	1.7 J	ND <0.48	ND <0.20	ND <0.30	1.1 J	ND <0.17	ND <0.16	2.1 J	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	18.0	10	9.5	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	8.65	4.89	8.54	0.500	0.250	ND <0.200	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/09/07	8.67	5.05	14.2	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	05/24/07	8.35	5.91	16.6	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	11/06/07	5.60	4.61	9.65	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	MW-8	10/27/05	1.9	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24
05/16/06		ND <0.28	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.20	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
10/17/06		2.39	ND <0.200	ND <0.200	ND <0.200	ND <0.200	0.210	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
02/12/07		3.45	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
05/25/07		3.66	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
11/07/07		2.14	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals	5	5	70	100	5	100	NE	NE	100	3,650	5.0	NE	3,650	Varies by Compound	
EPA Region 9 PRGs	0.10	0.028	61	120	0.12	0.17	1,300	0.43	0.18	5,500	0.35	11	1,000	Varies by Compound	

**TABLE 1 Continued**  
**Groundwater Monitoring Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	10/27/05	8.3	4.3	1.1 J	1.4 J	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	1.2 J	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	60.0	16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	13.7	6.57	2.00	1.40	ND <0.200	ND <0.200	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/13/07	15.7	13.2	3.94	3.59	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	05/25/07	17.1	12.9	3.98	3.15	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/07/07	23.0	12.0	3.18	1.89	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0
MW-10	10/27/05	80	43	4.3	ND <0.48	0.76 J	ND <0.30	0.40 J	ND <0.17	ND <0.16	3.6 J	0.49 J	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	150	19	1.1	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	128	20.4	4.64	ND <0.800	ND <0.800	ND <0.800	ND <2.00	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/13/07	147	22.9	6.34	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/25/07	128	21.0	6.65	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/07/07	114	19.4	4.70	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
MW-11	10/29/05	1.8 J	0.24 J	ND <0.33	ND <0.48	ND <0.20	ND <0.30	7.9	ND <0.17	ND <0.16	2.3 J	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/17/06	3.4	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	13.0	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	3.09	0.360	0.460	ND <0.200	ND <0.200	ND <0.200	8.83	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/13/07	4.41	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	7.24	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/26/07	5.06	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	6.26	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/08/07	5.37	1.18	ND <1.00	ND <1.00	ND <1.00	ND <1.00	6.92	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
MW-12	10/29/05	430	30	4.3	ND <0.48	0.46 J	0.49 J	9.1	ND <0.17	ND <0.16	2.8 J	0.46 J	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
DUP2	10/29/05	400	27	3.7	ND <0.48	0.41 J	0.46 J	9.5	ND <0.17	ND <0.16	2.8 J	0.37 J	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/17/06	820	54	3.2	ND <0.48	ND <0.20	1.4	6.6	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/18/06	138	4.08	ND <0.800	ND <0.800	ND <0.800	ND <0.800	5.52	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
DUP	10/18/06	119	18.9	3.92	ND <0.800	ND <0.800	ND <0.800	ND <2.00	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/12/07	192	6.6	ND <2.00	ND <2.00	ND <2.00	ND <2.00	4.68	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to <20.0)
	05/26/07	688	32.4	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <125.0	ND <5.00	ND <5.00	ND <50.0	ND (<5.00 to <50.0)
	11/08/07	492	33.4	2.26	ND <1.00	ND <1.00	ND <1.00	4.91	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals	5	5	70	100	5	100	NE	NE	100	3,650	5.0	NE	3,650	Varies by Compound	
EPA Region 9 PRGs	0.10	0.028	61	120	0.12	0.17	1,300	0.43	0.18	5,500	0.35	11	1,000	Varies by Compound	

**TABLE 1 Continued**  
**Groundwater Monitoring Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	10/29/05	<b>120</b>	<b>0.40 J</b>	ND <0.33	ND <0.48	<b>0.43 J</b>	<b>2.8</b>	<b>2.8</b>	ND <0.17	ND <0.16	<b>3.2 J</b>	<b>0.28 J</b>	<b>0.25 J</b>	<b>0.36 J</b>	ND (<0.082 to <0.62)
	05/17/06	<b>79</b>	ND <0.16	ND <0.33	ND <0.48	ND <0.20	<b>3.4</b>	<b>1.7</b>	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/18/06	<b>138</b>	ND <2.00	ND <2.00	ND <2.00	ND <2.00	<b>3.50</b>	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <5.00	ND (<2.00 to <50.0)
DUP	10/18/06	<b>141</b>	<b>0.300</b>	ND <0.200	ND <0.200	<b>0.41</b>	<b>3.77</b>	<b>2.22</b>	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	<b>0.580</b>	ND (<0.200 to <5.00)
	02/12/07	<b>102</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>3.75</b>	<b>2.14</b>	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/26/07	<b>56.1</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>3.57</b>	<b>1.61</b>	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/08/07	<b>118</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>2.58</b>	<b>2.38</b>	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals		5	5	70	100	5	100	NE	NE	100	3,650	5.0	NE	3,650	Varies by Compound
EPA Region 9 PRGs		0.10	0.028	61	120	0.12	0.17	1,300	0.43	0.18	5,500	0.35	11	1,000	Varies by Compound

**TABLE 1 Continued**  
**Groundwater Monitoring Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

**Footnotes:**

(1) no water in well casing

**Notes:**

µg/L	Micrograms per liter
1,1,1,2-TCA	1,1,1,2-Tetrachloroethane
ARES	Alaska Resources and Environmental Services
BDM	Bromodichloromethane
cis 1,2-DCE	cis 1,2-Dichloroethene
Dup	Sample is a blind field duplicate. Sample time and date given are arbitrary due to blind nature of sample. Actual sample dates and times correspond with the sample immediately above the duplicate sample.
Freon-11	Trichlorofluoromethane
J	Concentration was reported by the laboratory as an estimated value
mg/L	Milligrams per liter
MTBE	Methyl tert butyl ether
ND	Not detected at or above the laboratory detection limit
NE	Not established
PCE	Tetrachloroethene
TCE	Trichloroethene
trans 1,2-DCE	trans 1,2-Dichloroethene
VOCs	Volatile organic compounds by EPA Method 8260B

Environmental Screening Levels:

Alaska Department of Environmental Conservation (ADEC, May 26, 2004): "*Oil and Other Hazardous Substances Pollution Control, 18 AAC 75,*" amended May 26, 2004. Values represent ADEC groundwater cleanup levels where groundwater is considered a potential source of drinking water

Environmental Protection Agency, Region 9 (EPA Region 9, October 2004): "*Preliminary Remediation Goals: What's New in 2004,*" October 2004 (<http://www.epa.gov/region09/waste/sfund/prg>). Values represent Preliminary Remediation Goals (PRGs) published for domestic tap water (ingestion and inhalation).

**TABLE 2**  
**Groundwater Sparge Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Choroform	Freon-11	1,1,1,2-TCA	1,2-DCB	Acetone	Benzene	MTBE	2-Butanone	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SW-1	10/13/06	<b>0.630</b>	ND <0.200	ND <0.200	ND <0.200	<b>0.490</b>	<b>12.5</b>	<b>12.3</b>	ND <0.200	ND <0.200	ND <10.0	<b>9.97</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>7.81</b>	<b>5.72</b>	ND <1.00	ND <1.00	ND <25.0	<b>9.05</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-2	10/13/06	<b>0.690</b>	ND <0.200	ND <0.200	ND <0.200	<b>0.670</b>	<b>8.95</b>	<b>6.79</b>	ND <0.200	ND <0.200	ND <10.0	<b>12.1</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>10.4</b>	<b>5.75</b>	ND <1.00	ND <1.00	ND <25.0	<b>8.43</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-3	10/13/06	<b>5.83</b>	ND <0.200	ND <0.200	ND <0.200	<b>0.670</b>	<b>11.4</b>	<b>8.65</b>	ND <0.200	ND <0.200	ND <10.0	<b>8.72</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	<b>1.04</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>6.31</b>	<b>3.85</b>	ND <1.00	ND <1.00	ND <25.0	<b>9.68</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-4	10/13/06	<b>86.6</b>	<b>0.500</b>	<b>0.420</b>	ND <0.200	<b>0.790</b>	<b>4.88</b>	<b>4.39</b>	ND <0.200	ND <0.200	ND <10.0	<b>8.72</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/18/07	<b>7.91</b>	ND <5.00	ND <5.00	ND <5.00	ND <5.00	<b>8.00</b>	<b>6.65</b>	ND <5.00	ND <5.00	ND <125	<b>6.85</b>	ND <5.00	<b>717</b>	ND (<5.00 to <50.0)
SW-5	10/13/06	<b>2,460</b>	<b>1.94</b>	<b>0.580</b>	ND <0.200	<b>0.880</b>	<b>0.710</b>	<b>2.16</b>	ND <0.200	<b>0.27</b>	ND <10.0	<b>8.72</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
Dup	10/13/06	<b>4,670</b>	ND <200	ND <200	ND <200	ND <200	ND <200	ND <500	ND <200	ND <200	ND <10,000	ND <200	ND <1,000	ND <2,000	ND (<200 to <5,000)
	8/22/2007 (1)	<b>1,650</b>	<b>2.87</b>	ND <1.00	ND <1.00	<b>1.01</b>	<b>1.11</b>	<b>3.06</b>	ND <1.00	ND <1.00	ND <20.0	<b>1.63</b>	ND <2.00	ND < 10.0	ND (<1.00 to <10.0) (2)
SW-6	10/13/06	<b>414</b>	<b>1.21</b>	<b>0.770</b>	ND <0.200	<b>0.950</b>	<b>0.460</b>	<b>1.99</b>	ND <0.200	ND <0.200	ND <10.0	<b>1.86</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	10/13/06	<b>411</b>	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <20.0	ND (<2.00 to <50.0)
	6/18/2007 (1)	<b>203</b>	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to <20.0)
SW-7	10/13/06	<b>150</b>	<b>193</b>	<b>5.76</b>	<b>0.370</b>	<b>0.940</b>	<b>0.430</b>	<b>1.84</b>	ND <0.200	ND <0.200	ND <10.0	<b>1.22</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	10/13/06	<b>141</b>	<b>181</b>	<b>5.20</b>	ND <1.00	<b>0.940</b>	ND <1.00	ND <2.50	ND <1.00	ND <1.00	ND <50.0	<b>1.15</b>	ND <5.00	ND <10.0	ND (<1.00 to <10.0)
	6/18/2007 (1)	<b>147</b>	<b>24.4</b>	ND <1.00	ND <1.00	<b>1.08</b>	ND <1.00	<b>2.11</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.10</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	Dup 2 6/20/2007	<b>151</b>	<b>21.0</b>	ND <1.00	ND <1.00	<b>1.02</b>	ND <1.00	<b>1.93</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.32</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals		5	5	70	100	5	100	NE	NE	600	3,650	5.0	NE	NE	Varies by Compound
EPA Region 9 PRGs		0.10	0.028	61	120	0.12	0.17	1,300	0.43	370	5,500	0.35	11	7,000	Varies by Compound

**TABLE 2 Continued**  
**Groundwater Sparge Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

Well	Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Choroform	Freon-11	1,1,1,2-TCA	1,2-DCB	Acetone	Benzene	MTBE	2-Butanone	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SW-8	10/13/06	<b>15.3</b>	<b>1.75</b>	<b>1.30</b>	<b>0.490</b>	<b>0.840</b>	ND <0.200	<b>0.550</b>	ND <0.200	ND <0.200	ND <10.0	<b>0.520</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (†)	<b>12.1</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-9	10/14/06	<b>0.850</b>	<b>0.370</b>	<b>0.590</b>	ND <0.200	<b>0.850</b>	<b>0.210</b>	<b>1.51</b>	ND <0.200	ND <0.200	ND <10.0	<b>5.01</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/18/2007 (†)	<b>1.41</b>	ND <1.00	ND <1.00	ND <1.00	<b>1.16</b>	ND <1.00	<b>1.83</b>	ND <1.00	ND <1.00	ND <25.0	<b>9.48</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-10	10/14/06	<b>2.10</b>	<b>0.330</b>	<b>0.560</b>	ND <0.200	<b>1.01</b>	ND <0.200	<b>2.63</b>	ND <0.200	ND <0.200	ND <10.0	<b>4.44</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (†)	<b>4.15</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>1.80</b>	ND <1.00	ND <1.00	ND <25.0	<b>3.98</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-11	10/14/06	<b>5.85</b>	<b>0.450</b>	<b>0.680</b>	ND <0.200	<b>1.02</b>	ND <0.200	<b>2.23</b>	ND <0.200	ND <0.200	ND <10.0	<b>4.31</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	8/22/2007 (†)	<b>2.33</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>2.18</b>	<b>3.63</b>	ND <1.00	ND <1.00	ND <20.0	<b>3.60</b>	ND <2.00	ND <10.0	ND (<1.00 to <10.0) (3)
	Dup 8/22/2007 (†)	<b>3.26</b>	<b>1.22</b>	ND <1.00	ND <1.00	ND <1.00	<b>2.28</b>	<b>3.82</b>	ND <1.00	ND <1.00	ND <20.0	<b>3.68</b>	ND <2.00	ND <10.0	ND (<1.00 to <10.0) (4)
SW-12	10/14/06	<b>1.88</b>	<b>0.490</b>	<b>0.770</b>	<b>0.210</b>	<b>1.00</b>	ND <0.200	<b>1.87</b>	ND <0.200	ND <0.200	ND <10.0	<b>2.68</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (†)	<b>9.82</b>	ND <1.00	ND <1.00	ND <1.00	<b>1.02</b>	ND <1.00	<b>1.65</b>	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-13	10/14/06	<b>6.81</b>	<b>0.680</b>	<b>1.09</b>	<b>0.330</b>	<b>1.00</b>	ND <0.200	<b>1.63</b>	ND <0.200	ND <0.200	ND <10.0	<b>1.24</b>	ND <1.00	<b>2.33</b>	ND (<0.200 to <5.00)
	06/19/07	<b>6.35</b>	ND <1.00	ND <1.00	ND <1.00	<b>1.04</b>	ND <1.00	<b>1.55</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.50</b>	ND <1.00	<b>108</b>	ND (<1.00 to <10.0)
SW-14	10/14/06	<b>1.16</b>	<b>0.300</b>	<b>0.450</b>	ND <0.200	<b>1.23</b>	ND <0.200	<b>2.51</b>	ND <0.200	ND <0.200	ND <10.0	<b>7.23</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (†)	<b>1.45</b>	ND <1.00	ND <1.00	ND <1.00	<b>1.17</b>	ND <1.00	<b>2.26</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.50</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	Dup 1 6/20/2007 (†)	<b>1.44</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>1.57</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.39</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-15	10/14/06	<b>0.530</b>	<b>0.510</b>	<b>0.820</b>	<b>0.210</b>	<b>1.06</b>	ND <0.200	<b>1.96</b>	ND <0.200	ND <0.200	ND <10.0	<b>3.01</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (†)	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>1.06</b>	ND <1.00	<b>1.81</b>	ND <1.00	ND <1.00	ND <25.0	<b>1.47</b>	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
SW-16	10/14/06	<b>0.570</b>	<b>0.510</b>	<b>0.810</b>	<b>0.230</b>	<b>0.920</b>	ND <0.200	<b>1.38</b>	ND <0.200	ND <0.200	ND <10.0	<b>1.62</b>	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (†)	<b>3.04</b>	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	<b>1.40</b>	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
Environmental Screening Levels															
ADEC Cleanup Goals		5	5	70	100	5	100	NE	NE	600	3,650	5.0	NE	NE	Varies by Compound
EPA Region 9 PRGs		0.10	0.028	61	120	0.12	0.17	1,300	0.43	370	5,500	0.35	11	7,000	Varies by Compound

**TABLE 2 Continued**  
**Groundwater Sparge Well Samples**  
**Analytical Results through December 2007**  
**Bentley Mall, Fairbanks, Alaska**

**Footnotes:**

- (1) Due to an error using an outdated well location map, this well was mis-labeled during this sampling event. By comparing the outdated well location map to the current map ARES determined the correct sample well locations. Due to this error SW wells SW-5, and SW-11 were skipped during the sampling event. These wells were sampled two months after the previous sampling event.
- (2) Except for 2.00 µg of 1,1-DCE
- (3) Except for 2.02 µg of 1,1-DCE
- (4) Except for 1.86 µg of 1,1-DCE

**Notes:**

µg/L	Micrograms per liter
1,1,1,2-TCA	1,1,1,2-Tetrachloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCB	1,2-Dichlorobenzene
ARES	Alaska Resources and Environmental Services
cis 1,2-DCE	cis 1,2-Dichloroethene
Dup	Sample is a blind field duplicate. Sample time and date given are arbitrary due to blind nature of sample. Actual sample dates and times correspond with the sample immediately above the duplicate sample.
Freon-11	Trichlorofluoromethane
mg/L	Milligrams per liter
MTBE	Methyl tert butyl ether
ND	Not detected at or above the laboratory detection limit
NE	Not established
PCE	Tetrachloroethene
TCE	Trichloroethene
trans 1,2-DCE	trans 1,2-Dichloroethene
VOCs	Volatile organic compounds by EPA Method 8260B

Environmental Screening Levels:

Alaska Department of Environmental Conservation (ADEC, May 26, 2004): "*Oil and Other Hazardous Substances Pollution Control, 18 AAC 75*," amended May 26, 2004. Values represent ADEC groundwater cleanup levels where groundwater is considered a potential source of drinking water

Environmental Protection Agency, Region 9 (EPA Region 9, October 2004): "*Preliminary Remediation Goals: What's New in 2004*," October 2004 (<http://www.epa.gov/region09/waste/sfund/prg>). Values represent Preliminary Remediation Goals (PRGs) published for domestic tap water (ingestion and inhalation).



# **APPENDIX C**

## **Natural Attenuation Data**

Parameter	NATURAL ATTENUATION PARAMETRS						
	Well ID						
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6*	MW-7
Chloride (mg/l)	0	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0	0		0
Nitrate (mg/l)	25	50	0	10	3		0
Sulfate (mg/l)	<200	<200	<200	<200	<200		<200
ORP/ReDox (mV)	82	94	-40	12	-60		50
Ferrous Iron (mg/l)	0	0	1.5	1.6	2.5		0.4
Iron	0	0	1.0	2.7	3		0.4
Total Iron (mg/l)	0.4	0.3	1.7	3.1	4.9		0.8
PA Alkalinity (mg/l)	0	0	0	0	0		0
Total Alkalinity (mg/l)	166	540	232	387	264		315
Magnesium (mg/l)	0	0	0	0	0		0
Carbon Dioxide (mg/l)	46	97	33	95	48		75
Sulfide (mg/l)	0	0	0	0	0		0
TOC (mg/l)	2.69	8.39	2.70	4.42	2.77		7.19
Methane (ug/l)	ND	ND	60.9	7.06	ND		663
Ethane (ug/l)	ND	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND	ND		ND

\* MW-6 was not sampled due to no water in the well casing.

Project: Bentley Mall Date: Feb 08-13 2007	NATURAL ATTENUATION PARAMETERS					
Parameter	Well ID					
	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	31	11	1	20	150	9
Sulfate (mg/l)	0	0	0	0	0	0
ORP/ReDox (mV)	154	28	-45	149	111	54
Ferrous Iron (mg/l)	0.1	0.5	1.9	0.2	0.2	0.4
Iron	0.4	0.8	3.4	0.1	0.1	0.4
Total Iron (mg/l)	0.6	1.2	8	0.1	0.4	0.4
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	517	430	352	365	536	378
Magnesium (mg/l)	0	0	0	0	0	2
Carbon Dioxide (mg/l)	52	54	71	70	134	121
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	5.32	4.17	9.30	4.82	15.1	3.71
Methane (ug/l)	ND	9.17	260	2.31	ND	3.01
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Parameter	NATURAL ATTENUATION PARAMETERS						
	Well ID						
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6*	MW-7
Chloride (mg/l)	0	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0	0		0
Nitrate (mg/l)	25	100	0	10	0		0
Sulfate (mg/l)	<200	<200	<200	<200	<200		<200
ORP/ReDox (mV)	100	79	-36	-15	-46		46
Ferrous Iron (mg/l)	0	0	1.6	2.1	2.5		0.2
Iron	0.1	0	1.0	3	3		0.4
Total Iron (mg/l)	0.6	0.3	1.5	4	5		0.8
PA Alkalinity (mg/l)	0	0	0	0	0		0
Total Alkalinity (mg/l)	140	580	258	424	258		280
Magnesium (mg/l)	2	2	2	2	2		2
Carbon Dioxide (mg/l)	37	83	35	95	42		42
Sulfide (mg/l)	0	0	<0.2	0	0		0
TOC (mg/l)	ND	ND	ND	10.6	3.02		12.1
Methane (ug/l)	ND	ND	46.1	27.4	ND		2320
Ethane (ug/l)	ND	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND	ND		ND

\* MW-6 was not sampled due to no water in the well casing.

Parameter	NATURAL ATTENUATION PARAMETERS					
	Well ID					
	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	25	10	0	15	100	10
Sulfate (mg/l)	0	0	0	<200	<200	<200
ORP/ReDox (mV)	130	10	-48	153	193	165
Ferrous Iron (mg/l)	**	0.8	**	**	0.4	
Iron	**	0.8	**	**	0.7	0.4
Total Iron (mg/l)	**	1.5	**	**	0.8	0.8
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	**	422	**	**	496	386
Magnesium (mg/l)	2	2	2	2	2	2
Carbon Dioxide (mg/l)	**	47	**	**	81	81
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	*	7.04	15.5	15.8		7.45
Methane (ug/l)	ND	10.3	488	ND	9.66	2.32
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

\* TOC sample not collected in May 2007 for MW-8

\*\* Colorimetric reading not possible due to high turbidity

Parameter	NATURAL ATTENUATION PARAMETERS						
	Well ID						
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6*	MW-7
Chloride (mg/l)	0	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0	0		0
Nitrate (mg/l)	0+	0+	0-	0+	0+		0+
Sulfate (mg/l)	<200	<200	<200	<200	<200		<200
ORP/ReDox (mV)	62	95	-29	60	64		106
Ferrous Iron (mg/l)	0.2	0.1	1.2	0.6	1.4		0.1
Iron	0.0	0.0	0.8	0	0		0.0
Total Iron (mg/l)	0	0.1	1.2	0	0		0.3
PA Alkalinity (mg/l)	0	0	0	0	0		0
Total Alkalinity (mg/l)	290	440	262	310	285		308
Magnesium (mg/l)	0	0	0	0	0		0
Carbon Dioxide (mg/l)	25	50	41	31	34		63
Sulfide (mg/l)	0	0	0	0	0		0
TOC (mg/l)	2.14	5.64	2.26	3.35	1.62		5.97
Methane (ug/l)	ND	1.76	55.8	4.20	ND		1160
Ethane (ug/l)	ND	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND	ND		ND

\* MW-6 was not sampled due to no water in the well casing.

Parameter	NATURAL ATTENUATION PARAMETERS					
	Well ID					
	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	0+	0+	0+	0+	0+	0+
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	116	119	-38	88	52	59
Ferrous Iron (mg/l)	0.0	0.2	2.4	0.0	1.0	0.2
Iron	0.0	0.0	1.5	0.0	0.0	0.0
Total Iron (mg/l)	0.1	0.1	2.2	0.1	0.0	0.1
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	401	395	352	320	292	370
Magnesium (mg/l)	0	0	0	0	0	0
Carbon Dioxide (mg/l)	69	68	50	79	29	95
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	3.39	2.88	4.68	3.79	8.59	3.18
Methane (ug/l)	ND	5.31	773	13.9	34.7	3.64
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Parameter	NATURAL ATTENUATION PARAMETERS					
	Well ID					
	SW-1	SW-2	SW-3	SW-4	SW-5*	SW-6
Chloride (mg/l)	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0		0
Nitrate (mg/l)	5	5	0	25		0
Sulfate (mg/l)	>200, <400	>200, <400	>200, <400	>200, <400		>200, <400
ORP/ReDox (mV)	-131	-110	-107	-108		-98
Ferrous Iron (mg/l)	5.0	5.0	5.0	4.4		5.2
Iron	>10	>10	>10	>10		4.5
Total Iron (mg/l)	>10	>10	>10	>10		5.5
PA Alkalinity (mg/l)	0	0	0	0		0
Total Alkalinity (mg/l)	318	342	364	320		399
Magnesium (mg/l)	2	2	2	2		3
Carbon Dioxide (mg/l)	62	61	65	66		53
Sulfide (mg/l)	0	0	0	0		0
TOC (mg/l)	2.24	2.06	2.30	2.72		2.22
Methane (ug/l)	44.6	46.3	61.2	52.0		38.5
Ethane (ug/l)	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND		ND

\* MW-5 Not Sampled in June 2007



Parameter	NATURAL ATTENUATION PARAMETERS					
	Well ID					
	SW-7	SW-8	SW-9	SW-10	SW-11*	SW-12
Chloride (mg/l)	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0		0
Nitrate (mg/l)	0	0	0	0		0
Sulfate (mg/l)	>200, <400	<200	0	>200, <400		0
ORP/ReDox (mV)	-92	-65	-82	-104		-68
Ferrous Iron (mg/l)	2.8	1.0	4.4	5.0		1.4
Iron	>2.5	0.6	4.5	>10		1.5
Total Iron (mg/l)	>5.5	1.0	4.8	>10		1.9
PA Alkalinity (mg/l)	0	0	0	0		0
Total Alkalinity (mg/l)	438	129	324	411		395
Magnesium (mg/l)	23	2	3	4		2
Carbon Dioxide (mg/l)	65	42	66	76		26
Sulfide (mg/l)	0	0	0	0		0
TOC (mg/l)	2.63	2.38	2.74	2.48		2.74
Methane (ug/l)	39.9	24.7	9.83	35.3		9.83
Ethane (ug/l)	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND		ND

\* MW-11 Not Sampled in June 2007

Parameter	NATURAL ATTENUATION PARAMETERS					
	Well ID					
	SW-13	SW-14	SW-15	SW-16		
Chloride (mg/l)	0	0	0	0		
Nitrite (mg/l)	0	0	0	0		
Nitrate (mg/l)	0	0	0	0		
Sulfate (mg/l)	>200, <400	>200, <400	>200, <400	>200, <400		
ORP/ReDox (mV)	-107	-50	-8.5	-100		
Ferrous Iron (mg/l)	4.0	3.8	4.2	4.6		
Iron	7.5	2.0	>10	>10		
Total Iron (mg/l)	8.5	2.5	>10	>10		
PA Alkalinity (mg/l)	0	0	0	0		
Total Alkalinity (mg/l)	360	368	332	354		
Magnesium (mg/l)	0	3	0	2		
Carbon Dioxide (mg/l)	65	41	48	79		
Sulfide (mg/l)	0	0	0	0		
TOC (mg/l)	2.54	2.42	2.15	2.28		
Methane (ug/l)	63.9	43.5	69.4	20.4		
Ethane (ug/l)	ND	ND	ND	ND		
Ethene (ug/l)	ND	ND	ND	ND		

# **APPENDIX D**

## **Well Data Sheets**

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 02/08/07 - 02/13/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	17.96	18.49	5.0	4.1	6.12	.538	248	6.65	0.02	17.96	
MW-2	16.77	18.43	5.0	3.5	6.41	.967	56	3.65	0.03	16.77	
MW-3	16.81	45.71	15	4.2	7.64	.534	94	0.98	0.03	16.81	
MW-4	15.22	16.25	5	2.0	5.02	.849	56	1.24	0.04	15.22	
MW-5	18.98	29.46	10	4.0	6.78	.408	101	4.41	0.01	18.98	
MW-6											No water in well casing.

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 02/08/07 - 02/13/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	21.14	23.33	5	3.0	6.78	.500	105	2.18	0.01	21.14	
MW-8	13.55	19.76	10	3.1	7.25	.748	450	1.01	0.02	13.55	
MW-9	13.55	13.99	5	4.5	6.14	.681	112	3.22	0.01	13.55	
MW-10	14.63	20.59	12	4.8	5.99	.645	725	1.02	0.02	14.63	
MW-11	14.96	20.38	5	3.5	7.24	.637	315	0.69	0.02	14.96	
MW-12	16.75	17.81	5	3.4	7.10	.975	101	2.98	0.03	16.75	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 02/08/07 - 02/13/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	17.17	18.28	5	3.9	6.05	.587	104	2.56	0.01	17.17	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 05/23/07 - 05/26/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	17.98	18.43	5.0	4.8	6.09	.527	123	6.90	0.02	17.98	
MW-2	16.78	18.39	5.0	3.9	6.53	.971	103	1.95	0.04	16.78	
MW-3	16.82	45.68	15	4.4	7.48	.561	108	0.54	0.02	16.82	
MW-4	15.24	16.21	3.5	2.3	5.77	.850	78	0.87	0.03	15.24	
MW-5	19.00	29.43	10	3.8	5.95	.417	118	3.09	0.01	19.00	
MW-6											No water in well casing.

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_

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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 05/23/07 - 05/26/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	21.17	23.32	4	3.0	6.68	.492	107	2.58	0.01	21.17	
MW-8	13.56	19.74	11	3.0	7.16	.741	999	1.12	0.03	13.56	
MW-9	13.58	13.98	4	4.7	6.50	.687	108	3.28	0.02	13.58	
MW-10	14.68	20.56	6.5	4.9	5.92	.610	999	1.10	0.02	14.68	
MW-11	14.97	20.35	5.0	4.0	7.34	.668	999	.74	0.02	14.97	
MW-12	16.76	17.80	4.5	3.3	7.17	.960	109	3.03	0.04	16.76	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 05/23/07 - 05/26/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	17.20	18.26	3.0	4.1	6.18	.607	73	2.45	0.02	17.20	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 11/05/07 - 11/08/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	17.40	18.50	5.0	7.1	13.74	.580	144	0.81	0.02	17.40	
MW-2	16.78	18.39	10	6.3	7.34	1.1	137	1.91	0.04	16.78	
MW-3	16.82	45.68	15	4.1	6.76	.515	154	1.30	0.02	16.82	
MW-4	14.82	18.12	5	4.6	7.61	.93	188	1.12	0.03	14.82	
MW-5	19.00	29.43	20	3.3	11.60	.439	294	2.20	0.01	19.00	
MW-6											No water in well casing.

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID \_\_\_\_\_  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_

Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 11/05/07 - 11/08/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	21.17	23.32	10	5.3	10.36	.511	130	1.54	0.02	21.17	
MW-8	13.56	19.74	10	7.6	12.30	.813	101	0.99	0.03	13.56	
MW-9	13.58	13.98	10	6.8	6.12	.701	87	1.21	0.02	13.58	
MW-10	14.68	20.56	10	4.7	7.97	.585	90	1.28	0.02	14.68	
MW-11	14.97	20.35	10	7.0	9.57	.687	891	1.27	0.02	14.97	
MW-12	16.76	17.80	20	3.4	5.31	1.14	391	1.45	0.04	16.76	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 11/05/07 - 11/08/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	17.20	18.26	10	5.6	6.63	.720	101	0.75	0.02	17.20	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
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 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
 \_\_\_\_\_  
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Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 06/16/07 - 06/20/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-1	16.47	32.38	15	5.4	4.77	.657	107	1.15	0.02	16.47	
SW-2	16.39	32.97	15	5.3	4.15	.600	100	1.26	0.02	16.39	
SW-3	16.05	32.69	15	5.0	5.71	.548	122	.56	0.02	16.05	
SW-4	16.05	33.31	15	5.1	4.72	.557	115	.73	0.02	16.05	
SW-5											
SW-6	16.25	32.94	15	5.8	4.81	.541	124	1.02	0.02	16.25	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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 \_\_\_\_\_

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 06/16/07 - 06/20/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-7	17.34	33.26	15	4.6	4.66	.324	84	1.20	0.01	17.34	
SW-8	15.41	32.88	15	3.8	5.41	.527	123	.95	0.02	15.41	
SW-9	16.05	33.04	15	5.1	5.41	.536	112	.77	0.02	16.05	
SW-10	15.97	32.31	15	4.6	5.57	.528	19	.55	0.02	15.97	
SW-11											
SW-12	15.78	33.17	15	3.6	5.42	.571	132	1.90	0.02	15.78	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
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Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
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 \_\_\_\_\_

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall  
 Location Bentley Mall

Samplers Lyle Gresehover  
 Date 06/16/07 - 06/20/07

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-13	15.68	33.82	15	6.0	5.60	.552	133	1.11	0.02	15.68	
SW-14	16.32	33.24	15	4.7	5.52	.549	111	1.10	0.02	16.32	
SW-15	15.44	32.98	15	5.1	4.51	.542	116	1.01	0.02	15.44	
SW-16	15.16	34.11	15	3.9	5.41	.530	10	.77	0.02	15.16	

Water Quality Meter Make / Model Horiba U-10 Serial ID 809020  
 Water Level Indicator Make / Model Heron dipper-T Serial ID  
 Bailer / Pump Make / Model Geopump2 900-1280 Serial ID A03005887  
 Dissolved Oxygen Meter Make / Model YSI 55-25 FT Serial ID 06M1284 AA

Sample Time \_\_\_\_\_  
 Sample Analysis VOCs  
 Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Purge Calculation Data (3x) 1.5" casing = 0.092 gal/ft 2" casing = 0.164 gal/ft 3 " casing = 0.367 gal/ft 4" casing = 0.648 gal/ft 5" casing = 1.020 gal/ft 6" casing = 1.469 gal/ft
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# **APPENDIX E**

## **2007 Groundwater Analytical Results**



**Bentley Mall  
Groundwater Monitoring Well Report  
2007**

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**Groundwater Analytical Results (MW)  
February 2007**

February 28, 2007

Lyle Gresehover  
Alaska Resources & Environmental Services  
P.O. Box 83050  
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 02/14/07 10:00.  
The following list is a summary of the Work Orders contained in this report, generated on 02/28/07  
15:06.

If you have any questions concerning this report, please feel free to contact me.

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<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
AQB0019	Bentley Mall	[none]

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TestAmerica - Anchorage, AK



Troy J. Engstrom, 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.*



<b>Alaska Resources &amp; Environmental Services</b> P.O. Box 83050 Fairbanks, AK 99708	Project Name:	<b>Bentley Mall</b>	Report Created:
	Project Number:	[none]	02/28/07 15:06
	Project Manager:	Lyle Gresehover	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	AQB0019-01	Water	02/08/07 10:55	02/14/07 10:00
MW-2	AQB0019-02	Water	02/08/07 13:40	02/14/07 10:00
MW-3	AQB0019-03	Water	02/08/07 17:00	02/14/07 10:00
MW-4	AQB0019-04	Water	02/09/07 10:45	02/14/07 10:00
MW-5	AQB0019-05	Water	02/09/07 13:35	02/14/07 10:00
MW-7	AQB0019-06	Water	02/09/07 16:50	02/14/07 10:00
MW-8	AQB0019-07	Water	02/12/07 17:35	02/14/07 10:00
MW-9	AQB0019-08	Water	02/13/07 10:55	02/14/07 10:00
MW-10	AQB0019-09	Water	02/13/07 13:10	02/14/07 10:00
MW-11	AQB0019-10	Water	02/13/07 16:40	02/14/07 10:00
MW-12	AQB0019-11	Water	02/12/07 11:00	02/14/07 10:00
MW-13	AQB0019-12	Water	02/12/07 14:20	02/14/07 10:00
DUP	AQB0019-13	Water	02/08/07 18:20	02/14/07 10:00
Trip Blank	AQB0019-14	Water	02/08/07 00:00	02/14/07 10:00

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Hydrocarbons by GC/FID Headspace**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-01 (MW-1)</b>		<b>Water</b>			<b>Sampled: 02/08/07 10:55</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-02 (MW-2)</b>		<b>Water</b>			<b>Sampled: 02/08/07 13:40</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-03 (MW-3)</b>		<b>Water</b>			<b>Sampled: 02/08/07 17:00</b>					
<b>Methane</b>	RSK 175	<b>60.9</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-04 (MW-4)</b>		<b>Water</b>			<b>Sampled: 02/09/07 10:45</b>					
<b>Methane</b>	RSK 175	<b>7.06</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-05 (MW-5)</b>		<b>Water</b>			<b>Sampled: 02/09/07 13:35</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-06 (MW-7)</b>		<b>Water</b>			<b>Sampled: 02/09/07 16:50</b>					
<b>Methane</b>	RSK 175	<b>663</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-07 (MW-8)</b>		<b>Water</b>			<b>Sampled: 02/12/07 17:35</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Hydrocarbons by GC/FID Headspace**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-08 (MW-9)</b>		<b>Water</b>			<b>Sampled: 02/13/07 10:55</b>					
Methane	RSK 175	<b>9.17</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-09 (MW-10)</b>		<b>Water</b>			<b>Sampled: 02/13/07 13:10</b>					
Methane	RSK 175	<b>260</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-10 (MW-11)</b>		<b>Water</b>			<b>Sampled: 02/13/07 16:40</b>					
Methane	RSK 175	<b>2.31</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-11 (MW-12)</b>		<b>Water</b>			<b>Sampled: 02/12/07 11:00</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQB0019-12 (MW-13)</b>		<b>Water</b>			<b>Sampled: 02/12/07 14:20</b>					
Methane	RSK 175	<b>3.01</b>	----	1.20	ug/l	1x	7020023	02/16/07 12:00	02/16/07 12:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-01 (MW-1)</b>		<b>Water</b>			<b>Sampled: 02/08/07 10:55</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/19/07 21:45	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
<b>Bromodichloromethane</b>	"	<b>1.77</b>	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>27.7</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**  
 P.O. Box 83050  
 Fairbanks, AK 99708

Project Name: **Bentley Mall**  
 Project Number: [none]  
 Project Manager: Lyle Gresehover

Report Created:  
 02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-01 (MW-1)</b>		<b>Water</b>		<b>Sampled: 02/08/07 10:55</b>						
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 21:45	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>10.2</b>	----	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>25.8</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): 4-BFB</i>			<i>94.0%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>107%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>106%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQB0019-02 (MW-2)</b>		<b>Water</b>		<b>Sampled: 02/08/07 13:40</b>						
Acetone	EPA 8260B	ND	----	500	ug/l	20x	7020661	02/19/07 12:29	02/19/07 22:12	
Benzene	"	ND	----	20.0	"	"	"	"	"	
Bromobenzene	"	ND	----	20.0	"	"	"	"	"	
Bromochloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromodichloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromoform	"	ND	----	20.0	"	"	"	"	"	
Bromomethane	"	ND	----	100	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	200	"	"	"	"	"	
n-Butylbenzene	"	ND	----	100	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
Carbon disulfide	"	ND	----	200	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	20.0	"	"	"	"	"	
Chlorobenzene	"	ND	----	20.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-02 (MW-2)</b>		<b>Water</b>			<b>Sampled: 02/08/07 13:40</b>					
Chloroethane	EPA 8260B	ND	----	20.0	ug/l	20x	7020661	02/19/07 12:29	02/19/07 22:12	
Chloroform	"	ND	----	20.0	"	"	"	"	"	
Chloromethane	"	ND	----	100	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	100	"	"	"	"	"	
Dibromochloromethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	20.0	"	"	"	"	"	
Dibromomethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	100	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	80.0	"	"	"	"	"	
2-Hexanone	"	ND	----	200	"	"	"	"	"	
Isopropylbenzene	"	ND	----	40.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	40.0	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	100	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	20.0	"	"	"	"	"	
Methylene chloride	"	ND	----	100	"	"	"	"	"	
Naphthalene	"	ND	----	40.0	"	"	"	"	"	
n-Propylbenzene	"	ND	----	20.0	"	"	"	"	"	
Styrene	"	ND	----	20.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>3040</b>	----	20.0	"	"	"	"	"	
Toluene	"	ND	----	20.0	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-02 (MW-2)</b>		<b>Water</b>			<b>Sampled: 02/08/07 13:40</b>					
Trichloroethene	EPA 8260B	ND	----	20.0	ug/l	20x	7020661	02/19/07 12:29	02/19/07 22:12	
<b>Trichlorofluoromethane</b>	"	<b>29.4</b>	----	20.0	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Vinyl chloride	"	ND	----	20.0	"	"	"	"	"	
o-Xylene	"	ND	----	20.0	"	"	"	"	"	
m,p-Xylene	"	ND	----	40.0	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>4-BFB</i>		<i>97.5%</i>		<i>80 - 120 %</i>	<i>1x</i>				<i>"</i>
	<i>1,2-DCA-d4</i>		<i>109%</i>		<i>80 - 120 %</i>					<i>"</i>
	<i>Dibromofluoromethane</i>		<i>106%</i>		<i>80 - 120 %</i>					<i>"</i>
	<i>Toluene-d8</i>		<i>104%</i>		<i>80 - 120 %</i>					<i>"</i>

<b>AQB0019-03 (MW-3)</b>		<b>Water</b>			<b>Sampled: 02/08/07 17:00</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/19/07 22:39	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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AQB0019-03 (MW-3)		Water			Sampled: 02/08/07 17:00					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 22:39	
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	"	"	"	"	"	
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	96.0%	80 - 120 %	"	"
	1,2-DCA-d4	108%	80 - 120 %	"	"
	Dibromofluoromethane	106%	80 - 120 %	"	"
	Toluene-d8	102%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-04 (MW-4)</b>		<b>Water</b>			<b>Sampled: 02/09/07 10:45</b>					
Acetone	EPA 8260B	ND	----	50.0	ug/l	2x	7020661	02/19/07 12:29	02/19/07 23:06	
Benzene	"	ND	----	2.00	"	"	"	"	"	
Bromobenzene	"	ND	----	2.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	2.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	2.00	"	"	"	"	"	
Bromoform	"	ND	----	2.00	"	"	"	"	"	
Bromomethane	"	ND	----	10.0	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	20.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	10.0	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	20.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	2.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	2.00	"	"	"	"	"	
Chloroethane	"	ND	----	2.00	"	"	"	"	"	
Chloroform	"	ND	----	2.00	"	"	"	"	"	
Chloromethane	"	ND	----	10.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	10.0	"	"	"	"	"	
Dibromochloromethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	2.00	"	"	"	"	"	
Dibromomethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	2.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	8.00	"	"	"	"	"	
2-Hexanone	"	ND	----	20.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	4.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	4.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-04 (MW-4)</b>		<b>Water</b>				<b>Sampled: 02/09/07 10:45</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	10.0	ug/l	2x	7020661	02/19/07 12:29	02/19/07 23:06	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Naphthalene	"	ND	----	4.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	2.00	"	"	"	"	"	
Styrene	"	ND	----	2.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>281</b>	----	2.00	"	"	"	"	"	
Toluene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>15.1</b>	----	2.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>2.88</b>	----	2.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	2.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	4.00	"	"	"	"	"	
<i>Surrogate(s): 4-BFB</i>				<i>96.5%</i>		<i>80 - 120 %</i>	<i>1x</i>			<i>"</i>
<i>1,2-DCA-d4</i>				<i>109%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Dibromofluoromethane</i>				<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Toluene-d8</i>				<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>

<b>AQB0019-05 (MW-5)</b>		<b>Water</b>				<b>Sampled: 02/09/07 13:35</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/19/07 23:33	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-05 (MW-5)</b>		<b>Water</b>				<b>Sampled: 02/09/07 13:35</b>				
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 23:33	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>39.4</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**AQB0019-05 (MW-5)**

**Water**

**Sampled: 02/09/07 13:35**

<b>Trichloroethene</b>	EPA 8260B	<b>3.87</b>	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 23:33	
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>96.0%</i>		<i>80 - 120 %</i>		<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>		<i>108%</i>		<i>80 - 120 %</i>		<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>		<i>106%</i>		<i>80 - 120 %</i>		<i>"</i>				<i>"</i>
<i>Toluene-d8</i>		<i>102%</i>		<i>80 - 120 %</i>		<i>"</i>				<i>"</i>

**AQB0019-06 (MW-7)**

**Water**

**Sampled: 02/09/07 16:50**

Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:00	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-06 (MW-7)</b>		<b>Water</b>					<b>Sampled: 02/09/07 16:50</b>			
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:00	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>14.2</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>8.67</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>5.05</b>	----	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>96.0%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>1,2-DCA-d4</i>				<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Dibromofluoromethane</i>				<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Toluene-d8</i>				<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-07 (MW-8)</b>		<b>Water</b>			<b>Sampled: 02/12/07 17:35</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:27	
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 (MEK)	"	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-07 (MW-8)</b>		<b>Water</b>				<b>Sampled: 02/12/07 17:35</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:27	
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	"	"	"	"	"	"
<b>Tetrachloroethene</b>	"	<b>3.45</b>	----	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>98.0%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>106%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>106%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQB0019-08 (MW-9)</b>		<b>Water</b>				<b>Sampled: 02/13/07 10:55</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:54	
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 (MEK)	"	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	"	"	"	"	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-08 (MW-9)</b>		<b>Water</b>			<b>Sampled: 02/13/07 10:55</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:54	
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	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>3.94</b>	----	1.00	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	"	<b>3.59</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>15.7</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-08 (MW-9)</b>		<b>Water</b>			<b>Sampled: 02/13/07 10:55</b>					
Trichloroethene	EPA 8260B	<b>13.2</b>	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 00:54	
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		96.0%		80 - 120 %	"				"
	1,2-DCA-d4		108%		80 - 120 %	"				"
	Dibromofluoromethane		106%		80 - 120 %	"				"
	Toluene-d8		102%		80 - 120 %	"				"

<b>AQB0019-09 (MW-10)</b>		<b>Water</b>			<b>Sampled: 02/13/07 13:10</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 01:21	
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 (MEK)	"	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	"	"	"	"	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

AQB0019-09 (MW-10)		Water			Sampled: 02/13/07 13:10					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 01:21	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>6.34</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>147</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>22.9</b>	----	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	96.0%	80 - 120 %	"	"
	1,2-DCA-d4	109%	80 - 120 %	"	"
	Dibromofluoromethane	104%	80 - 120 %	"	"
	Toluene-d8	104%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-10 (MW-11)</b>		<b>Water</b>			<b>Sampled: 02/13/07 16:40</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 01:48	
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 (MEK)	"	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-10 (MW-11)</b>		<b>Water</b>				<b>Sampled: 02/13/07 16:40</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 01:48	
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	"	"	"	"	"	"
<b>Tetrachloroethene</b>	"	<b>4.41</b>	----	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>7.24</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): 4-BFB</i>				96.5%		80 - 120 %	"			"
<i>1,2-DCA-d4</i>				107%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				106%		80 - 120 %	"			"
<i>Toluene-d8</i>				105%		80 - 120 %	"			"

<b>AQB0019-11 (MW-12)</b>		<b>Water</b>				<b>Sampled: 02/12/07 11:00</b>				
Acetone	EPA 8260B	ND	----	50.0	ug/l	2x	7020661	02/19/07 12:29	02/20/07 02:14	
Benzene	"	ND	----	2.00	"	"	"	"	"	"
Bromobenzene	"	ND	----	2.00	"	"	"	"	"	"
Bromochloromethane	"	ND	----	2.00	"	"	"	"	"	"
Bromodichloromethane	"	ND	----	2.00	"	"	"	"	"	"
Bromoform	"	ND	----	2.00	"	"	"	"	"	"
Bromomethane	"	ND	----	10.0	"	"	"	"	"	"
2-Butanone (MEK)	"	ND	----	20.0	"	"	"	"	"	"
n-Butylbenzene	"	ND	----	10.0	"	"	"	"	"	"
sec-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	"
tert-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	"
Carbon disulfide	"	ND	----	20.0	"	"	"	"	"	"
Carbon tetrachloride	"	ND	----	2.00	"	"	"	"	"	"
Chlorobenzene	"	ND	----	2.00	"	"	"	"	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-11 (MW-12)</b>		<b>Water</b>			<b>Sampled: 02/12/07 11:00</b>					
Chloroethane	EPA 8260B	ND	----	2.00	ug/l	2x	7020661	02/19/07 12:29	02/20/07 02:14	
Chloroform	"	ND	----	2.00	"	"	"	"	"	
Chloromethane	"	ND	----	10.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	10.0	"	"	"	"	"	
Dibromochloromethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	2.00	"	"	"	"	"	
Dibromomethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	2.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	8.00	"	"	"	"	"	
2-Hexanone	"	ND	----	20.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	4.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	4.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Naphthalene	"	ND	----	4.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	2.00	"	"	"	"	"	
Styrene	"	ND	----	2.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>192</b>	----	2.00	"	"	"	"	"	
Toluene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-11 (MW-12)</b>		<b>Water</b>					<b>Sampled: 02/12/07 11:00</b>			
Trichloroethene	EPA 8260B	<b>6.60</b>	----	2.00	ug/l	2x	7020661	02/19/07 12:29	02/20/07 02:14	
Trichlorofluoromethane	"	<b>4.68</b>	----	2.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	2.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	4.00	"	"	"	"	"	
Surrogate(s):	4-BFB		94.0%		80 - 120 %	1x				"
	1,2-DCA-d4		109%		80 - 120 %	"				"
	Dibromofluoromethane		105%		80 - 120 %	"				"
	Toluene-d8		101%		80 - 120 %	"				"

<b>AQB0019-12 (MW-13)</b>		<b>Water</b>					<b>Sampled: 02/12/07 14:20</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/20/07 02:41	
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 (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>3.75</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-12 (MW-13)</b>		<b>Water</b>			<b>Sampled: 02/12/07 14:20</b>					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/20/07 02:41	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>102</b>	----	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>2.14</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): 4-BFB</i>				<i>93.0%</i>		<i>80 - 120 %</i>				<i>"</i>
<i>1,2-DCA-d4</i>				<i>108%</i>		<i>80 - 120 %</i>				<i>"</i>
<i>Dibromofluoromethane</i>				<i>105%</i>		<i>80 - 120 %</i>				<i>"</i>
<i>Toluene-d8</i>				<i>100%</i>		<i>80 - 120 %</i>				<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-13 (DUP)</b>		<b>Water</b>			<b>Sampled: 02/08/07 18:20</b>					
Acetone	EPA 8260B	ND	----	500	ug/l	20x	7020661	02/19/07 12:29	02/20/07 03:08	
Benzene	"	ND	----	20.0	"	"	"	"	"	
Bromobenzene	"	ND	----	20.0	"	"	"	"	"	
Bromochloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromodichloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromoform	"	ND	----	20.0	"	"	"	"	"	
Bromomethane	"	ND	----	100	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	200	"	"	"	"	"	
n-Butylbenzene	"	ND	----	100	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
Carbon disulfide	"	ND	----	200	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	20.0	"	"	"	"	"	
Chlorobenzene	"	ND	----	20.0	"	"	"	"	"	
Chloroethane	"	ND	----	20.0	"	"	"	"	"	
Chloroform	"	ND	----	20.0	"	"	"	"	"	
Chloromethane	"	ND	----	100	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	100	"	"	"	"	"	
Dibromochloromethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	20.0	"	"	"	"	"	
Dibromomethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	100	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	80.0	"	"	"	"	"	
2-Hexanone	"	ND	----	200	"	"	"	"	"	
Isopropylbenzene	"	ND	----	40.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	40.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	Report Created:
P.O. Box 83050	Project Number: [none]	02/28/07 15:06
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-13 (DUP)</b>		<b>Water</b>								
		<b>Sampled: 02/08/07 18:20</b>								
4-Methyl-2-pentanone	EPA 8260B	ND	----	100	ug/l	20x	7020661	02/19/07 12:29	02/20/07 03:08	
Methyl tert-butyl ether	"	ND	----	20.0	"	"	"	"	"	
Methylene chloride	"	ND	----	100	"	"	"	"	"	
Naphthalene	"	ND	----	40.0	"	"	"	"	"	
n-Propylbenzene	"	ND	----	20.0	"	"	"	"	"	
Styrene	"	ND	----	20.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>3620</b>	----	20.0	"	"	"	"	"	
Toluene	"	ND	----	20.0	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	
Trichloroethene	"	ND	----	20.0	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>30.6</b>	----	20.0	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Vinyl chloride	"	ND	----	20.0	"	"	"	"	"	
o-Xylene	"	ND	----	20.0	"	"	"	"	"	
m,p-Xylene	"	ND	----	40.0	"	"	"	"	"	
<i>Surrogate(s): 4-BFB</i>			92.5%		80 - 120 %	1x				"
<i>1,2-DCA-d4</i>			106%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			104%		80 - 120 %	"				"
<i>Toluene-d8</i>			105%		80 - 120 %	"				"

<b>AQB0019-14 (Trip Blank)</b>		<b>Water</b>								
		<b>Sampled: 02/08/07 00:00</b>								
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7020661	02/19/07 12:29	02/19/07 19:03	
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 (MEK)	"	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	"	"	"	"	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-14 (Trip Blank)</b>		<b>Water</b>			<b>Sampled: 02/08/07 00:00</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 19:03	
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	"	"	"	"	"	
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	"	"	"	"	"	
1,1,1,2,2-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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-14 (Trip Blank)</b>		<b>Water</b>					<b>Sampled: 02/08/07 00:00</b>			
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7020661	02/19/07 12:29	02/19/07 19:03	
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):</i>	<i>4-BFB</i>		<i>97.5%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>1,2-DCA-d4</i>		<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Dibromofluoromethane</i>		<i>103%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>100%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Conventional Chemistry Parameters per APHA/EPA Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-01 (MW-1)</b>		<b>Water</b>			<b>Sampled: 02/08/07 10:55</b>					
Total Organic Carbon	415.2/5310C	2.69	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 05:06	
<b>AQB0019-02 (MW-2)</b>		<b>Water</b>			<b>Sampled: 02/08/07 13:40</b>					
Total Organic Carbon	415.2/5310C	8.39	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 05:18	
<b>AQB0019-03 (MW-3)</b>		<b>Water</b>			<b>Sampled: 02/08/07 17:00</b>					
Total Organic Carbon	415.2/5310C	2.70	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 05:30	
<b>AQB0019-04 (MW-4)</b>		<b>Water</b>			<b>Sampled: 02/09/07 10:45</b>					
Total Organic Carbon	415.2/5310C	4.42	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 05:42	
<b>AQB0019-05 (MW-5)</b>		<b>Water</b>			<b>Sampled: 02/09/07 13:35</b>					
Total Organic Carbon	415.2/5310C	2.77	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 05:53	
<b>AQB0019-06 (MW-7)</b>		<b>Water</b>			<b>Sampled: 02/09/07 16:50</b>					
Total Organic Carbon	415.2/5310C	7.19	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 06:30	
<b>AQB0019-07 (MW-8)</b>		<b>Water</b>			<b>Sampled: 02/12/07 17:35</b>					
Total Organic Carbon	415.2/5310C	5.32	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 06:42	
<b>AQB0019-08 (MW-9)</b>		<b>Water</b>			<b>Sampled: 02/13/07 10:55</b>					
Total Organic Carbon	415.2/5310C	4.17	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 06:54	
<b>AQB0019-09 (MW-10)</b>		<b>Water</b>			<b>Sampled: 02/13/07 13:10</b>					
Total Organic Carbon	415.2/5310C	9.30	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 07:07	
<b>AQB0019-10 (MW-11)</b>		<b>Water</b>			<b>Sampled: 02/13/07 16:40</b>					
Total Organic Carbon	415.2/5310C	4.82	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 07:19	
<b>AQB0019-11 (MW-12)</b>		<b>Water</b>			<b>Sampled: 02/12/07 11:00</b>					
Total Organic Carbon	415.2/5310C	15.1	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 07:31	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Conventional Chemistry Parameters per APHA/EPA Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQB0019-12 (MW-13)</b>		<b>Water</b>			<b>Sampled: 02/12/07 14:20</b>					
<b>Total Organic Carbon</b>	415.2/5310C	<b>3.71</b>	----	1.00	mg/l	1x	7020931	02/23/07 20:49	02/24/07 07:43	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7020023      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7020023-BLK1)</b>								Extracted: 02/16/07 12:00						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	02/16/07 12:00	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
<b>LCS (7020023-BS1)</b>								Extracted: 02/16/07 12:00						
Methane	RSK 175	53.8	---	1.20	ug/l	1x	--	55.8	96.4%	(80-120)	--	--	02/16/07 12:00	
Ethane	"	117	---	10.0	"	"	--	112	104%	"	--	--	"	
Ethene	"	141	---	10.0	"	"	--	134	105%	"	--	--	"	
<b>LCS Dup (7020023-BSD1)</b>								Extracted: 02/16/07 12:00						
Methane	RSK 175	58.4	---	1.20	ug/l	1x	--	55.8	105%	(80-120)	8.20%	(25)	02/16/07 12:00	
Ethane	"	127	---	10.0	"	"	--	112	113%	"	8.20%	"	"	
Ethene	"	153	---	10.0	"	"	--	134	114%	"	8.16%	"	"	
<b>Duplicate (7020023-DUP1)</b>				QC Source: AQB0019-01				Extracted: 02/16/07 12:00						
Methane	RSK 175	ND	---	1.20	ug/l	1x	ND	--	--	--	1.35%	(35)	02/16/07 12:00	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	"	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	NR	"	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7020661      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7020661-BLK1)</b>													<b>Extracted: 02/19/07 12:29</b>	
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	02/19/07 18:36	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	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	"	"	--	--	--	--	--	--	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7020661      Water Preparation Method: EPA 5030B**

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

**Blank (7020661-BLK1)**

Extracted: 02/19/07 12:29

Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	02/19/07 18:36	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
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: 80-120%	"	02/19/07 18:36
1,2-DCA-d4	105%	80-120%	"	"
Dibromofluoromethane	102%	80-120%	"	"
Toluene-d8	100%	80-120%	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7020661      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7020661-BS1)</b>													<b>Extracted: 02/19/07 12:29</b>	
Benzene	EPA 8260B	21.0	---	1.00	ug/l	1x	--	20.0	105%	(80-120)	--	--	02/19/07 16:48	
Chlorobenzene	"	20.5	---	1.00	"	"	--	"	102%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.0	---	1.00	"	"	--	"	100%	(78-120)	--	--	"	
Toluene	"	21.5	---	1.00	"	"	--	"	108%	(80-124)	--	--	"	
Trichloroethene	"	23.3	---	1.00	"	"	--	"	116%	(80-132)	--	--	"	
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 104%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>02/19/07 16:48</i>		
<i>1,2-DCA-d4</i>		<i>105%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Dibromofluoromethane</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Toluene-d8</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		

<b>Matrix Spike (7020661-MS1)</b>													<b>QC Source: PQB0612-01</b>		<b>Extracted: 02/19/07 12:29</b>	
Benzene	EPA 8260B	20.6	---	1.00	ug/l	1x	ND	20.0	103%	(80-124)	--	--	02/19/07 17:15			
Chlorobenzene	"	20.2	---	1.00	"	"	ND	"	101%	(72.9-134)	--	--	"			
1,1-Dichloroethene	"	21.5	---	1.00	"	"	ND	"	108%	(79.3-127)	--	--	"			
Toluene	"	20.8	---	1.00	"	"	ND	"	104%	(79.7-131)	--	--	"			
Trichloroethene	"	20.8	---	1.00	"	"	ND	"	104%	(68.4-130)	--	--	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 102%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>02/19/07 17:15</i>				
<i>1,2-DCA-d4</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>100%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

<b>Matrix Spike Dup (7020661-MSD1)</b>													<b>QC Source: PQB0612-01</b>		<b>Extracted: 02/19/07 12:29</b>	
Benzene	EPA 8260B	20.7	---	1.00	ug/l	1x	ND	20.0	104%	(80-124)	0.484% (25)		02/19/07 17:42			
Chlorobenzene	"	20.5	---	1.00	"	"	ND	"	102%	(72.9-134)	1.47%	"	"			
1,1-Dichloroethene	"	21.7	---	1.00	"	"	ND	"	108%	(79.3-127)	0.926%	"	"			
Toluene	"	20.9	---	1.00	"	"	ND	"	104%	(79.7-131)	0.480%	"	"			
Trichloroethene	"	20.8	---	1.00	"	"	ND	"	104%	(68.4-130)	0.00%	"	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 102%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>02/19/07 17:42</i>				
<i>1,2-DCA-d4</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	02/28/07 15:06

**Conventional Chemistry Parameters per APHA/EPA Methods - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7020931**      **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7020931-BLK1)</b>								Extracted: 02/23/07 20:49						
Total Organic Carbon	415.2/5310C	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	02/24/07 04:17	
<b>LCS (7020931-BS1)</b>								Extracted: 02/23/07 20:49						
Total Organic Carbon	415.2/5310C	19.4	---	1.00	mg/l	1x	--	20.0	97.0%	(85-115)	--	--	02/24/07 04:29	
<b>Duplicate (7020931-DUP1)</b>				QC Source: AQB0019-01				Extracted: 02/23/07 20:49						
Total Organic Carbon	415.2/5310C	2.62	---	1.00	mg/l	1x	2.69	--	--	--	2.64% (20)	--	02/24/07 04:41	
<b>Matrix Spike (7020931-MS1)</b>				QC Source: AQB0019-01				Extracted: 02/23/07 20:49						
Total Organic Carbon	415.2/5310C	28.8	---	1.01	mg/l	1x	2.69	25.3	103%	(75-125)	--	--	02/24/07 04:54	

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Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
02/28/07 15:06

**Notes and Definitions**

Report Specific Notes:

None

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. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- 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.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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### CHAIN OF CUSTODY REPORT

Work Order #: **AQ B0019**

CLIENT: <b>ALASKA RESOURCES &amp; ENVIRONMENTAL SVCS.</b>		INVOICE TO: <b>ALASKA RESOURCES &amp; ENV. SVCS.</b>		<b>TURNAROUND REQUEST</b> in Business Days* Organic & Inorganic Analyses <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.						
REPORT TO: <b>LYLE GRIESENOWER</b>		ADDRESS: <b>P.O. Box 83050 FAIRBANKS AK 99708</b>						P.O. NUMBER: <b>SAME</b>		
PHONE: <b>907-374-3226</b> FAX: <b>907-374-3219</b>		PROJECT NAME: <b>BENTLEY MALL</b>		PRESERVATIVE						
PROJECT NUMBER:		REQUESTED ANALYSES								
SAMPLED BY: <b>LYLE GRIESENOWER</b>		HCL <input checked="" type="checkbox"/> <b>SYNTHETIC</b> <input checked="" type="checkbox"/> <b>ACCL</b> <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> <b>8260D</b> <input checked="" type="checkbox"/> <b>TOTAL ORGANIC CARBON</b> <input checked="" type="checkbox"/> <b>ETHYLENE DIAMINE</b> <input checked="" type="checkbox"/> <b>METHANE</b> <input checked="" type="checkbox"/>								
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	VOC	8260D	TOTAL ORGANIC CARBON	ETHYLENE DIAMINE	METHANE	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1 MW-1	2/8/07 1055	X	X	X			W	7		01
2 MW-2	2/8/07 1340									02
3 MW-3	2/8/07 1700									03
4 MW-4	2/9/07 1045									04
5 MW-5	2/9/07 1335									05
6 MW-7	2/9/07 1650									06
7 MW-8	2/12/07 1735									07
8 MW-9	2/13/07 1055									08
9 MW-10	2/13/07 1310									09
10 MW-11	2/13/07 1640							6		10
RELEASED BY: <b>Lyle Griesenower</b>	DATE: <b>2/13/07</b>	RECEIVED BY: <b>Johanne Dreher</b>		DATE: <b>02/14/07</b>						
PRINT NAME: <b>LYLE GRIESENOWER</b> FIRM: <b>ARES</b>	TIME: <b>1700</b>	PRINT NAME: <b>Johanne Dreher</b> FIRM: <b>TA-AK</b>		TIME: <b>1000</b>						
RELEASED BY:	DATE:	RECEIVED BY:		DATE:						
PRINT NAME:	FIRM:	PRINT NAME:		FIRM:						
ADDITIONAL REMARKS: <b>PLEASE PROVIDE Level II REPORT</b>									TEMP: <b>3.2</b>	PAGE <b>1</b> OF <b>2</b>

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

### CHAIN OF CUSTODY REPORT

Work Order #: **AQ B0019**

CLIENT: **ALASKA Resources & Environmental Svcs**  
 REPORT TO: **LYLE GRISEHOVER**  
 ADDRESS: **P.O. BOX 83050 FAIRBANKS AK 99703**  
 PHONE: **907 374 3226** FAX: **374-3219**

INVOICE TO: **ALASKA Resources & ENV. SVCS.**  
 SAME  
 P.O. NUMBER:

**TURNAROUND REQUEST**  
 in Business Days \*

Organic & Inorganic Analyses  
 10  7  5  4  3  2  1  <1

Petroleum Hydrocarbon Analyses  
 5  4  3  2  1  <1

OTHER Specify:  
 \* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME: **BENTLEY MALL**  
 PROJECT NUMBER:  
 SAMPLED BY: **LYLE GRISEHOVER**

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE			REQUESTED ANALYSES										MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID		
		VOL	8260B	TOC	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE	ETHANE					ETHANE	
1 MW-12	2/12/07 1100	X	X	X													W	7		11
2 MW-13	2/13/07 1420	X	X	X													↓	7		12
3 DUP	2/8/07 1820	X															↓	3		13
4																				
5																				
6																				
7																				
8																				
9																				
10																				

RELEASED BY: **Lyle Grisehove** DATE: **2/13/07**  
 PRINT NAME: **LYLE GRISEHOVER** FIRM: **ARES** TIME: **1700**

RECEIVED BY: **Johanna Dreher** DATE: **02/14/07**  
 PRINT NAME: **Johanna Dreher** FIRM: **TA-AK** TIME: **1000**

ADDITIONAL REMARKS: **PROVIDE LEVEL II REPORT**

TEMP: **32** PAGE **2** OF **2**

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

# Test America Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # AQ80019 CLIENT: ARES PROJECT: Bentley Mall  
Date /Time Cooler Arrived 02 / 14 / 07 10 : 00 Cooler signed for by: Johanna Dreher  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received or \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Cooler opened by (print) Johanna Dreher (sign) Johanna Dreher

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: \_\_\_\_\_

Shipment Tracking # if applicable 1489 2691 (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Lyle Gresekov Date 02/13/07

Were custody seals unbroken and intact on arrival?  Yes  No

3. Were custody papers sealed in a plastic bag?  Yes  No

4. Were custody papers filled out properly (ink, signed, etc.)?  Yes  No

5. Did you sign the custody papers in the appropriate place?  Yes  No

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: solid

Temperature by Digi-Thermo Probe 3.2 °C Thermometer # rec # 3

7. Packing in Cooler:  bubble wrap  styrofoam  cardboard  Other: \_\_\_\_\_

8. Did samples arrive in plastic bags?  Yes  No

9. Did all bottles arrive unbroken, and with labels in good condition?  Yes  No

10. Are all bottle labels complete (ID, date, time, etc.)  Yes  No

11. Do bottle labels and Chain of Custody agree?  Yes  No

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "NO" which containers contained "head space" or bubbles? \_\_\_\_\_

## Log-in Phase:

Date of sample log-in 02 / 14 / 07

Samples logged in by (print) Johanna Dreher (sign) Johanna Dreher

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No



**CUSTODY SEAL**

Date 2/13/07

Signature *Fyle C. ...*

**Test America**  
ANALYTICAL TESTING CORPORATION

1120019

**Bentley Mall  
Groundwater Monitoring Well Report  
2007**

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**Groundwater Analytical Results (MW)  
May 2007**

June 13, 2007

Lyle Gresehover  
Alaska Resources & Environmental Services  
P.O. Box 83050  
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 05/30/07 08:05.  
The following list is a summary of the Work Orders contained in this report, generated on 06/13/07  
18:16.

If you have any questions concerning this report, please feel free to contact me.

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<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
AQE0102	Bentley Mall	[none]

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TestAmerica - Anchorage, AK



Troy J. Engstrom, 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.*



<b>Alaska Resources &amp; Environmental Services</b> P.O. Box 83050 Fairbanks, AK 99708	Project Name:	<b>Bentley Mall</b>	Report Created:
	Project Number:	[none]	06/13/07 18:16
	Project Manager:	Lyle Gresehover	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-52007	AQE0102-01	Water	05/23/07 11:10	05/30/07 08:05
MW2-52007	AQE0102-02	Water	05/23/07 13:27	05/30/07 08:05
MW3-52007	AQE0102-03	Water	05/23/07 15:49	05/30/07 08:05
MW4-52007	AQE0102-04	Water	05/24/07 11:33	05/30/07 08:05
MW5-52007	AQE0102-05	Water	05/23/07 13:55	05/30/07 08:05
MW7-52007	AQE0102-06	Water	05/24/07 16:20	05/30/07 08:05
MW8-52007	AQE0102-07	Water	05/25/07 12:07	05/30/07 08:05
MW9-52007	AQE0102-08	Water	05/25/07 14:23	05/30/07 08:05
MW10-52007	AQE0102-09	Water	05/25/07 16:42	05/30/07 08:05
MW11-52007	AQE0102-10	Water	05/26/07 11:35	05/30/07 08:05
MW12-52007	AQE0102-11	Water	05/26/07 13:56	05/30/07 08:05
MW13-52007	AQE0102-12	Water	05/26/07 16:11	05/30/07 08:05
MW DUP-52007	AQE0102-13	Water	05/26/07 18:20	05/30/07 08:05
Trip Blank	AQE0102-14	Water	05/26/07 18:20	05/30/07 08:05

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

## Hydrocarbons by GC/FID Headspace

TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQE0102-01 (MW1-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 11:10</b>						
Methane	RSK 175	ND	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-02 (MW2-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:27</b>						
Methane	RSK 175	ND	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-03 (MW3-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 15:49</b>						
<b>Methane</b>	RSK 175	<b>46.1</b>	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-04 (MW4-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 11:33</b>						
<b>Methane</b>	RSK 175	<b>27.4</b>	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-05 (MW5-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:55</b>						
Methane	RSK 175	ND	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-06 (MW7-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 16:20</b>						
<b>Methane</b>	RSK 175	<b>2320</b>	----	51.9	ug/l	43.3x	7060003	06/01/07 09:19	06/01/07 10:20	<b>RL7</b>	
Ethane	"	ND	----	10.0	"	1x	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQE0102-07 (MW8-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 12:07</b>						
Methane	RSK 175	ND	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Hydrocarbons by GC/FID Headspace**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-08 (MW9-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 14:23</b>					
Methane	RSK 175	<b>10.3</b>	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQE0102-09 (MW10-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 16:42</b>					
Methane	RSK 175	<b>488</b>	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQE0102-10 (MW11-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 11:35</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7060003	06/01/07 09:19	06/01/07 10:20	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQE0102-11 (MW12-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 13:56</b>					
Methane	RSK 175	<b>9.66</b>	----	1.20	ug/l	1x	7060025	06/06/07 08:39	06/06/07 09:19	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQE0102-12 (MW13-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 16:11</b>					
Methane	RSK 175	<b>2.32</b>	----	1.20	ug/l	1x	7060025	06/06/07 08:39	06/06/07 09:19	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-01 (MW1-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 11:10</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 13:48	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
<b>Bromodichloromethane</b>	"	<b>1.20</b>	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>22.9</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
 Fairbanks, AK 99708

Project Name: **Bentley Mall**

Project Number: [none]

Project Manager: Lyle Gresehover

Report Created:  
 06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-01 (MW1-52007)</b>		<b>Water</b>		<b>Sampled: 05/23/07 11:10</b>						
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 13:48	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>6.37</b>	----	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>13.3</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>98.0%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>1,2-DCA-d4</i>	<i>102%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Dibromofluoromethane</i>	<i>104%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>109%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>

<b>AQE0102-02 (MW2-52007)</b>		<b>Water</b>		<b>Sampled: 05/23/07 13:27</b>						
Acetone	EPA 8260B	ND	----	500	ug/l	20x	7060009	06/01/07 10:57	06/01/07 19:41	
Benzene	"	ND	----	20.0	"	"	"	"	"	
Bromobenzene	"	ND	----	20.0	"	"	"	"	"	
Bromochloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromodichloromethane	"	ND	----	20.0	"	"	"	"	"	
Bromoform	"	ND	----	20.0	"	"	"	"	"	
Bromomethane	"	ND	----	100	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	200	"	"	"	"	"	
n-Butylbenzene	"	ND	----	100	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	20.0	"	"	"	"	"	
Carbon disulfide	"	ND	----	200	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	20.0	"	"	"	"	"	
Chlorobenzene	"	ND	----	20.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-02 (MW2-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:27</b>					
Chloroethane	EPA 8260B	ND	----	20.0	ug/l	20x	7060009	06/01/07 10:57	06/01/07 19:41	
Chloroform	"	ND	----	20.0	"	"	"	"	"	
Chloromethane	"	ND	----	100	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	100	"	"	"	"	"	
Dibromochloromethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	20.0	"	"	"	"	"	
Dibromomethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	100	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	20.0	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	20.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	80.0	"	"	"	"	"	
2-Hexanone	"	ND	----	200	"	"	"	"	"	
Isopropylbenzene	"	ND	----	40.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	40.0	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	100	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	20.0	"	"	"	"	"	
Methylene chloride	"	ND	----	100	"	"	"	"	"	
Naphthalene	"	ND	----	40.0	"	"	"	"	"	
n-Propylbenzene	"	ND	----	20.0	"	"	"	"	"	
Styrene	"	ND	----	20.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	20.0	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>2660</b>	----	20.0	"	"	"	"	"	
Toluene	"	ND	----	20.0	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	20.0	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	20.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-02 (MW2-52007)</b>		<b>Water</b>					<b>Sampled: 05/23/07 13:27</b>			
Trichloroethene	EPA 8260B	ND	----	20.0	ug/l	20x	7060009	06/01/07 10:57	06/01/07 19:41	
<b>Trichlorofluoromethane</b>	"	<b>22.2</b>	----	20.0	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	20.0	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	20.0	"	"	"	"	"	
Vinyl chloride	"	ND	----	20.0	"	"	"	"	"	
o-Xylene	"	ND	----	20.0	"	"	"	"	"	
m,p-Xylene	"	ND	----	40.0	"	"	"	"	"	
<i>Surrogate(s): 4-BFB</i>				99.5%		80 - 120 %	1x			"
<i>1,2-DCA-d4</i>				102%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				103%		80 - 120 %	"			"
<i>Toluene-d8</i>				108%		80 - 120 %	"			"

<b>AQE0102-03 (MW3-52007)</b>		<b>Water</b>					<b>Sampled: 05/23/07 15:49</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 14:42	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-03 (MW3-52007)</b>		<b>Water</b>		<b>Sampled: 05/23/07 15:49</b>						
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 14:42	
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	"	"	"	"	"	
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>				102%		80 - 120 %	"			"
<i>1,2-DCA-d4</i>				108%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				109%		80 - 120 %	"			"
<i>Toluene-d8</i>				111%		80 - 120 %	"			"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-04 (MW4-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 11:33</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 18:47	
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 (MEK)	"	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	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>2.97</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-04 (MW4-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 11:33</b>					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 18:47	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>113</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>68.0</b>	----	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>100%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>107%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>109%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQE0102-05 (MW5-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:55</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 15:09	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-05 (MW5-52007)</b>										
		<b>Water</b>					<b>Sampled: 05/23/07 13:55</b>			
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 15:09	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>29.6</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-05 (MW5-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:55</b>					
Trichloroethene	EPA 8260B	2.47	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 15:09	
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>			98.0%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			104%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			105%		80 - 120 %	"				"
<i>Toluene-d8</i>			108%		80 - 120 %	"				"

<b>AQE0102-06 (MW7-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 16:20</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 15:36	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-06 (MW7-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 16:20</b>					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 15:36	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>16.6</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>8.35</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>5.91</b>	----	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>99.5%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>1,2-DCA-d4</i>				<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Dibromofluoromethane</i>				<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Toluene-d8</i>				<i>109%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-07 (MW8-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 12:07</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:04	
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 (MEK)	"	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-07 (MW8-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 12:07</b>					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:04	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>3.66</b>	----	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>100%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>109%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQE0102-08 (MW9-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 14:23</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:31	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-08 (MW9-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 14:23</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:31	
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	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>3.98</b>	----	1.00	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	"	<b>3.15</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>17.1</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-08 (MW9-52007)</b>		<b>Water</b>					<b>Sampled: 05/25/07 14:23</b>			
Trichloroethene	EPA 8260B	<b>12.9</b>	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:31	
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		102%		80 - 120 %	"				"
	1,2-DCA-d4		106%		80 - 120 %	"				"
	Dibromofluoromethane		106%		80 - 120 %	"				"
	Toluene-d8		108%		80 - 120 %	"				"

<b>AQE0102-09 (MW10-52007)</b>		<b>Water</b>					<b>Sampled: 05/25/07 16:42</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 18:20	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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AQE0102-09 (MW10-52007)		Water			Sampled: 05/25/07 16:42					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 18:20	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>6.65</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>128</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>21.0</b>	----	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	100%	80 - 120 %	"	"
	1,2-DCA-d4	104%	80 - 120 %	"	"
	Dibromofluoromethane	104%	80 - 120 %	"	"
	Toluene-d8	111%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-10 (MW11-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 11:35</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:58	
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 (MEK)	"	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	Report Created:
P.O. Box 83050	Project Number: [none]	06/13/07 18:16
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-10 (MW11-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 11:35</b>					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 16:58	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>5.06</b>	----	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>6.26</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): 4-BFB</i>			<i>100%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>107%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQE0102-11 (MW12-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 13:56</b>					
Acetone	EPA 8260B	ND	----	125	ug/l	5x	7060009	06/01/07 10:57	06/01/07 20:08	
Benzene	"	ND	----	5.00	"	"	"	"	"	
Bromobenzene	"	ND	----	5.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	5.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	5.00	"	"	"	"	"	
Bromoform	"	ND	----	5.00	"	"	"	"	"	
Bromomethane	"	ND	----	25.0	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	50.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	25.0	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	50.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	5.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	5.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-11 (MW12-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 13:56</b>					
Chloroethane	EPA 8260B	ND	----	5.00	ug/l	5x	7060009	06/01/07 10:57	06/01/07 20:08	
Chloroform	"	ND	----	5.00	"	"	"	"	"	
Chloromethane	"	ND	----	25.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	5.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	25.0	"	"	"	"	"	
Dibromochloromethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	5.00	"	"	"	"	"	
Dibromomethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	25.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	20.0	"	"	"	"	"	
2-Hexanone	"	ND	----	50.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	10.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	10.0	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	25.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Methylene chloride	"	ND	----	25.0	"	"	"	"	"	
Naphthalene	"	ND	----	10.0	"	"	"	"	"	
n-Propylbenzene	"	ND	----	5.00	"	"	"	"	"	
Styrene	"	ND	----	5.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	5.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	5.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>688</b>	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	5.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	5.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	5.00	"	"	"	"	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

AQE0102-11 (MW12-52007)		Water			Sampled: 05/26/07 13:56					
<b>Trichloroethene</b>	EPA 8260B	<b>32.4</b>	----	5.00	ug/l	5x	7060009	06/01/07 10:57	06/01/07 20:08	
Trichlorofluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	5.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	5.00	"	"	"	"	"	
o-Xylene	"	ND	----	5.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	10.0	"	"	"	"	"	
<i>Surrogate(s): 4-BFB</i>			<i>102%</i>		<i>80 - 120 %</i>	<i>1x</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

AQE0102-12 (MW13-52007)		Water			Sampled: 05/26/07 16:11					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 17:25	
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 (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>3.57</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

AQE0102-12 (MW13-52007)		Water			Sampled: 05/26/07 16:11					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 17:25	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>56.1</b>	----	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>1.61</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	"	"	"	"	"	

Surrogate(s):	4-BFB	99.5%	80 - 120 %	"	"
	1,2-DCA-d4	104%	80 - 120 %	"	"
	Dibromofluoromethane	104%	80 - 120 %	"	"
	Toluene-d8	106%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-13 (MW DUP-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 18:20</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 17:52	
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 (MEK)	"	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	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>1.58</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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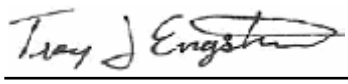
<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQE0102-13 (MW DUP-52007)</b>		<b>Water</b>				<b>Sampled: 05/26/07 18:20</b>					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 17:52		
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	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>167</b>	----	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	"	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>33.6</b>	----	1.00	"	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>1.74</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): 4-BFB</i>			<i>96.0%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>	
<i>1,2-DCA-d4</i>			<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>	
<i>Dibromofluoromethane</i>			<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>	
<i>Toluene-d8</i>			<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>	

<b>AQE0102-14 (Trip Blank)</b>		<b>Water</b>				<b>Sampled: 05/26/07 18:20</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7060009	06/01/07 10:57	06/01/07 13:21		
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 (MEK)	"	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	"	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**

Project Number: [none]

Project Manager: Lyle Gresehover

Report Created:

06/13/07 18:16

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

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-14 (Trip Blank)</b>										
		<b>Water</b>					<b>Sampled: 05/26/07 18:20</b>			
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 13:21	
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	"	"	"	"	"	
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	"	"	"	"	"	
1,1,1,2,2-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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-14 (Trip Blank)</b>		<b>Water</b>					<b>Sampled: 05/26/07 18:20</b>			
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7060009	06/01/07 10:57	06/01/07 13:21	
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>				97.5%		80 - 120 %	"			"
<i>1,2-DCA-d4</i>				102%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				104%		80 - 120 %	"			"
<i>Toluene-d8</i>				105%		80 - 120 %	"			"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Conventional Chemistry Parameters by APHA/EPA Methods**  
TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQE0102-01 (MW1-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 11:10</b>					
Total Organic Carbon	EPA 9060 mod.	ND	----	2.00	mg/l	1x	7F04035	06/04/07 10:49	06/06/07 18:41	
<b>AQE0102-02 (MW2-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:27</b>					
Total Organic Carbon	EPA 9060 mod.	ND	----	4.00	mg/l	2x	7F04035	06/04/07 10:49	06/06/07 18:51	
<b>AQE0102-03 (MW3-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 15:49</b>					
Total Organic Carbon	EPA 9060 mod.	ND	----	2.00	mg/l	1x	7F04035	06/04/07 10:49	06/06/07 19:00	
<b>AQE0102-04 (MW4-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 11:33</b>					
Total Organic Carbon	EPA 9060 mod.	10.6	----	4.00	mg/l	2x	7F04035	06/04/07 10:49	06/11/07 10:57	
<b>AQE0102-05 (MW5-52007)</b>		<b>Water</b>			<b>Sampled: 05/23/07 13:55</b>					
Total Organic Carbon	EPA 9060 mod.	3.02	----	2.00	mg/l	1x	7F04035	06/04/07 10:49	06/11/07 11:08	
<b>AQE0102-06 (MW7-52007)</b>		<b>Water</b>			<b>Sampled: 05/24/07 16:20</b>					
Total Organic Carbon	EPA 9060 mod.	12.1	----	2.00	mg/l	1x	7F04035	06/04/07 10:49	06/11/07 11:18	
<b>AQE0102-08 (MW9-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 14:23</b>					
Total Organic Carbon	EPA 9060 mod.	7.04	----	2.00	mg/l	1x	7F04036	06/04/07 10:51	06/11/07 11:47	
<b>AQE0102-09 (MW10-52007)</b>		<b>Water</b>			<b>Sampled: 05/25/07 16:42</b>					
Total Organic Carbon	EPA 9060 mod.	15.5	----	2.00	mg/l	1x	7F04036	06/04/07 10:51	06/11/07 12:19	
<b>AQE0102-10 (MW11-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 11:35</b>					
Total Organic Carbon	EPA 9060 mod.	15.8	----	2.00	mg/l	1x	7F04036	06/04/07 10:51	06/11/07 12:29	
<b>AQE0102-12 (MW13-52007)</b>		<b>Water</b>			<b>Sampled: 05/26/07 16:11</b>					
Total Organic Carbon	EPA 9060 mod.	7.45	----	2.00	mg/l	1x	7F04036	06/04/07 10:51	06/11/07 13:07	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7060003      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
<b>Blank (7060003-BLK1)</b>													Extracted: 06/01/07 09:19			
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	06/01/07 10:20			
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"			
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"			
<b>LCS (7060003-BS1)</b>													Extracted: 06/01/07 09:19			
Methane	RSK 175	55.7	---	1.20	ug/l	1x	--	55.8	99.8%	(80-120)	--	--	06/01/07 10:20			
Ethane	"	123	---	10.0	"	"	--	112	110%	"	--	--	"			
Ethene	"	147	---	10.0	"	"	--	134	110%	"	--	--	"			
<b>LCS Dup (7060003-BSD1)</b>													Extracted: 06/01/07 09:19			
Methane	RSK 175	56.9	---	1.20	ug/l	1x	--	55.8	102%	(80-120)	2.13%	(25)	06/01/07 10:20			
Ethane	"	125	---	10.0	"	"	--	112	112%	"	1.61%	"	"			
Ethene	"	151	---	10.0	"	"	--	134	113%	"	2.68%	"	"			
<b>Duplicate (7060003-DUP1)</b>													QC Source: AQE0075-01		Extracted: 06/01/07 09:19	
Methane	RSK 175	1590	---	51.9	ug/l	43.26x	1480	--	--	--	7.17%	(35)	06/01/07 10:20	RL7		
Ethane	"	ND	---	10.0	"	1x	ND	--	--	--	6.65%	(17)	"			
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	6.81%	(16.2)	"			

**QC Batch: 7060025      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7060025-BLK1)</b>													Extracted: 06/06/07 08:39	
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	06/06/07 09:19	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
<b>LCS (7060025-BS1)</b>													Extracted: 06/06/07 08:39	
Methane	RSK 175	58.4	---	1.20	ug/l	1x	--	55.8	105%	(80-120)	--	--	06/06/07 09:19	
Ethane	"	128	---	10.0	"	"	--	112	114%	"	--	--	"	
Ethene	"	153	---	10.0	"	"	--	134	114%	"	--	--	"	
<b>LCS Dup (7060025-BSD1)</b>													Extracted: 06/06/07 08:39	
Methane	RSK 175	51.5	---	1.20	ug/l	1x	--	55.8	92.3%	(80-120)	12.6%	(25)	06/06/07 09:19	
Ethane	"	113	---	10.0	"	"	--	112	101%	"	12.4%	"	"	
Ethene	"	135	---	10.0	"	"	--	134	101%	"	12.5%	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7060025      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Duplicate (7060025-DUP1)</b>							QC Source: AQF0002-03				Extracted: 06/06/07 08:39			
Methane	RSK 175	3900	---	51.9	ug/l	43.26x	4150	--	--	--	6.21% (35)		06/06/07 09:19	RL7
Ethane	"	ND	---	10.0	"	1x	ND	--	--	--	0.951% (17)		"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	7.05% (16.2)		"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Portland, OR

**QC Batch: 7060009      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7060009-BLK1)</b>													<b>Extracted: 06/01/07 10:57</b>	
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	06/01/07 12:54	
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 (MEK)	"	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	"	"	--	--	--	--	--	--		

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7060009**      **Water Preparation Method: EPA 5030B**

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

**Blank (7060009-BLK1)**

Extracted: 06/01/07 10:57

Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	06/01/07 12:54	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
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):</i>	<i>4-BFB</i>	<i>Recovery:</i>	<i>97.0%</i>	<i>Limits:</i>	<i>80-120%</i>	<i>"</i>	<i>06/01/07 12:54</i>
	<i>1,2-DCA-d4</i>		<i>102%</i>		<i>80-120%</i>	<i>"</i>	<i>"</i>
	<i>Dibromofluoromethane</i>		<i>105%</i>		<i>80-120%</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>		<i>105%</i>		<i>80-120%</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, 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.*



<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7060009 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7060009-BS1)</b>													<b>Extracted: 06/01/07 10:57</b>	
Benzene	EPA 8260B	23.6	---	1.00	ug/l	1x	--	20.0	118%	(80-120)	--	--	06/01/07 11:05	
Chlorobenzene	"	22.7	---	1.00	"	"	--	"	114%	(80-124)	--	--	"	
1,1-Dichloroethene	"	21.4	---	1.00	"	"	--	"	107%	(78-120)	--	--	"	
Toluene	"	22.8	---	1.00	"	"	--	"	114%	(80-124)	--	--	"	
Trichloroethene	"	23.4	---	1.00	"	"	--	"	117%	(80-132)	--	--	"	
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 102%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/01/07 11:05</i>		
<i>1,2-DCA-d4</i>		<i>102%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Dibromofluoromethane</i>		<i>108%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Toluene-d8</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		

<b>Matrix Spike (7060009-MS1)</b>													<b>QC Source: AQE0102-01</b>		<b>Extracted: 06/01/07 10:57</b>	
Benzene	EPA 8260B	22.9	---	1.00	ug/l	1x	ND	20.0	114%	(80-124)	--	--	06/01/07 11:32			
Chlorobenzene	"	22.0	---	1.00	"	"	ND	"	110%	(72.9-134)	--	--	"			
1,1-Dichloroethene	"	21.0	---	1.00	"	"	ND	"	105%	(79.3-127)	--	--	"			
Toluene	"	22.0	---	1.00	"	"	ND	"	110%	(79.7-131)	--	--	"			
Trichloroethene	"	22.3	---	1.00	"	"	ND	"	112%	(68.4-130)	--	--	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 104%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/01/07 11:32</i>				
<i>1,2-DCA-d4</i>		<i>103%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>109%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

<b>Matrix Spike Dup (7060009-MSD1)</b>													<b>QC Source: AQE0102-01</b>		<b>Extracted: 06/01/07 10:57</b>	
Benzene	EPA 8260B	21.7	---	1.00	ug/l	1x	ND	20.0	108%	(80-124)	5.38%	(25)	06/01/07 11:59			
Chlorobenzene	"	20.8	---	1.00	"	"	ND	"	104%	(72.9-134)	5.61%	"	"			
1,1-Dichloroethene	"	19.6	---	1.00	"	"	ND	"	98.0%	(79.3-127)	6.90%	"	"			
Toluene	"	20.8	---	1.00	"	"	ND	"	104%	(79.7-131)	5.61%	"	"			
Trichloroethene	"	20.7	---	1.00	"	"	ND	"	104%	(68.4-130)	7.44%	"	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 97.5%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/01/07 11:59</i>				
<i>1,2-DCA-d4</i>		<i>100%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>102%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/13/07 18:16

**Conventional Chemistry Parameters by APHA/EPA Methods - Laboratory Quality Control Results**  
 TestAmerica - Seattle, WA

**QC Batch: 7F04035      Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
<b>Blank (7F04035-BLK1)</b>													Extracted: 06/04/07 10:49			
Total Organic Carbon	EPA 9060 mod.	ND	---	2.00	mg/l	1x	--	--	--	--	--	--	06/04/07 12:45			
<b>LCS (7F04035-BS1)</b>													Extracted: 06/04/07 10:49			
Total Organic Carbon	EPA 9060 mod.	24.7	---	2.00	mg/l	1x	--	25.0	98.8%	(90-110)	--	--	06/04/07 12:55			
<b>Duplicate (7F04035-DUP1)</b>													QC Source: BQF0027-01		Extracted: 06/04/07 10:49	
Total Organic Carbon	EPA 9060 mod.	6.24	---	2.00	mg/l	1x	6.14	--	--	--	1.62%	(25)	06/04/07 13:15			
<b>Matrix Spike (7F04035-MS1)</b>													QC Source: BQF0027-01		Extracted: 06/04/07 10:49	
Total Organic Carbon	EPA 9060 mod.	31.1	---	2.00	mg/l	1x	6.14	25.0	99.8%	(60-140)	--	--	06/04/07 13:27			

**QC Batch: 7F04036      Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
<b>Blank (7F04036-BLK1)</b>													Extracted: 06/04/07 10:51			
Total Organic Carbon	EPA 9060 mod.	ND	---	2.00	mg/l	1x	--	--	--	--	--	--	06/11/07 11:26			
<b>LCS (7F04036-BS1)</b>													Extracted: 06/04/07 10:51			
Total Organic Carbon	EPA 9060 mod.	26.2	---	2.00	mg/l	1x	--	25.0	105%	(90-110)	--	--	06/11/07 11:37			
<b>Duplicate (7F04036-DUP1)</b>													QC Source: AQE0102-08		Extracted: 06/04/07 10:51	
Total Organic Carbon	EPA 9060 mod.	6.07	---	2.00	mg/l	1x	7.04	--	--	--	14.8%	(25)	06/11/07 11:59			
<b>Matrix Spike (7F04036-MS1)</b>													QC Source: AQE0102-08		Extracted: 06/04/07 10:51	
Total Organic Carbon	EPA 9060 mod.	32.8	---	4.00	mg/l	2x	7.04	25.0	103%	(60-140)	--	--	06/11/07 12:09			

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
06/13/07 18:16

**Notes and Definitions**

Report Specific Notes:

RL7 - Sample required dilution due to high concentrations of target analyte.

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. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- 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.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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## CHAIN OF CUSTODY REPORT

Work Order #: **AQED 102**

CLIENT: Alaska Resources and Environmental Services			INVOICE TO: Alaska Resources and Environmental Services P.O. Box 83050 Fairbanks, Alaska 99708						<b>TURNAROUND REQUEST</b> In Business Days * Organic & Inorganic Analyses <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <small>STD.</small> Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <small>STD.</small> <input type="checkbox"/> OTHER Specify: <small>* Turnaround Requests less than standard may incur Rush Charges.</small>															
REPORT TO: email: lyle@ak-res.com ADDRESS: Mail: P.O. Box 83050 Fairbanks, Alaska 99708			P.O. NUMBER:																					
PHONE: (907) 374-3226 FAX: (907) 374-3219			PRESERVATIVE																					
PROJECT NAME: <b>Bentley Mall</b>			SULFURIC	HCL	HCL																			
PROJECT NUMBER:			REQUESTED ANALYSES																					
SAMPLED BY: Lyle Gresehover			TOC	VOC	Methane, Ethane Ethane, Tylene																			
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		TOC	VOC	Methane, Ethane Ethane, Tylene															MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1 MW1-52007		5/23/2007 1110		X	X	X															W	7		01
2 MW2-52007		5/23/2007 1327		X	X	X															W	7		02
3 MW3-52007		5/23/2007 1549		X	X	X															W	7		03
4 MW4-52007		5/24/2007 1133		X	X	X															W	7		04
5 MW5-52007		5/24/2007 1355		X	X	X															W	7		05
6 MW7-52007		5/24/2007 1620		X	X	X															W	7		06
7 MW8-52007		5/25/2007 1207			X	X															W	6		07
8 MW9-52007		5/25/2007 1423		X	X	X															W	7		08
9 MW10-52007		5/25/2007 1642		X	X	X															W	7		09
10 MW11-52007		5/26/2007 1135		X	X	X															W	7		10
RELEASED BY: <i>Jason Gresehover</i> PRINT NAME: Jason Gresehover FIRM: ARES			DATE: 05/29/2007 TIME: 1002			RECEIVED BY: <i>David Houston</i> PRINT NAME: David Houston FIRM: TAAK			DATE: 5-30-07 TIME: 8:05															
RELEASED BY: PRINT NAME: FIRM:			DATE: TIME:			RECEIVED BY: PRINT NAME: FIRM:			DATE: TIME:															
ADDITIONAL REMARKS: <b>Level II Reporting Requested</b>												TEMP: 2.5°C		PAGE 1 OF 2										

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.  
 Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

### CHAIN OF CUSTODY REPORT

Work Order #: **AQE0102**

CLIENT: Alaska Resources and Environmental Services		INVOICE TO: Alaska Resources and Environmental Services P.O. Box 83050 Fairbanks, Alaska 99708					<b>TURNAROUND REQUEST</b> In Business Days * Organic & Inorganic Analyses <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <small>STD.</small> Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <small>STD.</small> <input type="checkbox"/> OTHER Specify: <small>* Turnaround Requests less than standard may incur Rush Charges.</small>														
REPORT TO: email: lyle@ak-res.com ADDRESS: Mail: P.O. Box 83050 Fairbanks, Alaska 99708		P.O. NUMBER:																			
PHONE: (907) 374-3226 FAX: (907) 374-3219		PRESERVATIVE																			
PROJECT NAME: Bentley Mall		SULFURIC	HCL	HCL																	
PROJECT NUMBER:		REQUESTED ANALYSES																			
SAMPLED BY: Lyle Gresehover		TOC	VOC	Methane, Ethane Ethane, Tylene																	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME																				
1 MW12-52007	5/26/2007 1356	X	X	X														W	7		11
2 MW13-52007	5/26/2007 1611	X	X	X														W	7		12
3 MW DUP-52007	5/26/2007 1820		X															W	3		13
4																					
5																					
6																					
7																					
8																					
9																					
10																					
RELEASED BY: <i>Jason Gresehover</i> PRINT NAME: Jason Gresehover FIRM: ARES		DATE: 05/29/2007 TIME: 1002			RECEIVED BY: <i>David Houston</i> PRINT NAME: David Houston FIRM: TAAK			DATE: 5-30-07 TIME: 8:05													
RELEASED BY: PRINT NAME: FIRM:		DATE: TIME:			RECEIVED BY: PRINT NAME: FIRM:			DATE: TIME:													
ADDITIONAL REMARKS: <b>Level II Reporting Requested</b>															TEMP: 25°C	PAGE 2 OF 2					

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.  
 Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.



# Test America Cooler Receipt Form

(Army Corps. Compliant)

Alaska Resources and Environmental Services

WORK ORDER # AQE 0102

CLIENT: \_\_\_\_\_

PROJECT: Bentley Mall

Date / Time Cooler Arrived 5 / 30 / 07

8 : 05

Cooler signed for by: David Houston  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received or \_\_\_\_\_

Cooler opened by (print) David Houston (sign) David Houston

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: \_\_\_\_\_

Shipment Tracking # if applicable \_\_\_\_\_ (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Hyle Gneschou Date 5 / 29 / 07

Were custody seals unbroken and intact on arrival?  Yes  No

3. Were custody papers sealed in a plastic bag?  Yes  No

4. Were custody papers filled out properly (ink, signed, etc.)?  Yes  No

5. Did you sign the custody papers in the appropriate place?  Yes  No

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: Good

Temperature by Digi-Thermo Probe 2.5 °C Thermometer # Rec #3

7. Packing in Cooler:  bubble wrap  styrofoam  cardboard  Other: \_\_\_\_\_

8. Did samples arrive in plastic bags?  Yes  No

9. Did all bottles arrive unbroken, and with labels in good condition?  Yes  No

10. Are all bottle labels complete (ID, date, time, etc.)?  Yes  No

11. Do bottle labels and Chain of Custody agree?  Yes  No

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "NO" which containers contained "head space" or bubbles? \_\_\_\_\_

## Log-in Phase:

Date of sample log-in 5 / 30 / 07

Samples logged in by (print) Troy Engstrom (sign) Troy Engstrom

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No

*Time Difference on Sample #11  
COC time on labels different  
USED time on COC  
TSB*

AQE0102

**CUSTODY SEAL**

Date 5/29/07

Signature Justin Stevenson

**TestAmerica**  
ANALYTICAL TESTING CORPORATION

TEST AMERICA

**Bentley Mall  
Groundwater Monitoring Well Report  
2007**

---

**Groundwater Analytical Results (SW)  
June 2007**

July 09, 2007

Lyle Gresehover  
Alaska Resources & Environmental Services  
P.O. Box 83050  
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 06/22/07 09:30.  
The following list is a summary of the Work Orders contained in this report, generated on 07/09/07  
11:45.

If you have any questions concerning this report, please feel free to contact me.

---

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
AQF0125	Bentley Mall	[none]

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TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b> P.O. Box 83050 Fairbanks, AK 99708	Project Name:	<b>Bentley Mall</b>	Report Created:
	Project Number:	[none]	07/09/07 11:45
	Project Manager:	Lyle Gresehover	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW1-62007	AQF0125-01	Water	06/16/07 12:10	06/22/07 09:30
SW2-62007	AQF0125-02	Water	06/16/07 14:12	06/22/07 09:30
SW3-62007	AQF0125-03	Water	06/16/07 16:05	06/22/07 09:30
SW4-62007	AQF0125-04	Water	06/18/07 11:36	06/22/07 09:30
SW5-62007	AQF0125-05	Water	06/18/07 13:31	06/22/07 09:30
SW6-62007	AQF0125-06	Water	06/18/07 15:24	06/22/07 09:30
SW7-62007	AQF0125-07	Water	06/18/07 17:17	06/22/07 09:30
SW8-62007	AQF0125-08	Water	06/19/07 10:55	06/22/07 09:30
SW9-62007	AQF0125-09	Water	06/19/07 12:43	06/22/07 09:30
SW10-62007	AQF0125-10	Water	06/19/07 14:38	06/22/07 09:30
SW11-62007	AQF0125-11	Water	06/19/07 16:22	06/22/07 09:30
SW12-62007	AQF0125-12	Water	06/20/07 11:02	06/22/07 09:30
SW13-62007	AQF0125-13	Water	06/20/07 12:57	06/22/07 09:30
SW14-62007	AQF0125-14	Water	06/20/07 14:44	06/22/07 09:30
SWDUP1-62007	AQF0125-15	Water	06/20/07 16:22	06/22/07 09:30
SWDUP2-62007	AQF0125-16	Water	06/20/07 18:05	06/22/07 09:30
Trip blank	AQF0125-17	Water	06/16/07 00:00	06/22/07 09:30

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

## Hydrocarbons by GC/FID Headspace

TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQF0125-01 (SW1-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 12:10</b>						
Methane	RSK 175	<b>44.6</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-02 (SW2-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 14:12</b>						
Methane	RSK 175	<b>46.3</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-03 (SW3-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 16:05</b>						
Methane	RSK 175	<b>61.2</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-04 (SW4-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 11:36</b>						
Methane	RSK 175	<b>52.0</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-05 (SW5-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 13:31</b>						
Methane	RSK 175	<b>38.5</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-06 (SW6-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 15:24</b>						
Methane	RSK 175	<b>39.9</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-07 (SW7-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 17:17</b>						
Methane	RSK 175	<b>41.5</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

## Hydrocarbons by GC/FID Headspace

TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQF0125-08 (SW8-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 10:55</b>						
Methane	RSK 175	<b>35.3</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-09 (SW9-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 12:43</b>						
Methane	RSK 175	<b>9.83</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-10 (SW10-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 14:38</b>						
Methane	RSK 175	<b>63.9</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-11 (SW11-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 16:22</b>						
Methane	RSK 175	<b>24.7</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-12 (SW12-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 11:02</b>						
Methane	RSK 175	<b>43.5</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-13 (SW13-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 12:57</b>						
Methane	RSK 175	<b>69.4</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		
<b>AQF0125-14 (SW14-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 14:44</b>						
Methane	RSK 175	<b>20.4</b>	----	1.20	ug/l	1x	7060138	06/29/07 12:02	06/29/07 12:42		
Ethane	"	ND	----	10.0	"	"	"	"	"		
Ethene	"	ND	----	10.0	"	"	"	"	"		

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Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-01 (SW1-62007)</b>		<b>Water</b>					<b>Sampled: 06/16/07 12:10</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 11:37	
<b>Benzene</b>	"	<b>9.05</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>7.81</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-01 (SW1-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 12:10</b>					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 11:37	
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>5.72</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): 4-BFB</i>			98.4%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			111%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			109%		80 - 120 %	"				"
<i>Toluene-d8</i>			101%		80 - 120 %	"				"

<b>AQF0125-02 (SW2-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 14:12</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 12:04	
<b>Benzene</b>	"	<b>8.43</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-02 (SW2-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 14:12</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 12:04	
<b>Chloroform</b>	"	<b>10.4</b>	----	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	"	"	"	"	"	
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	"	"	"	"	"	

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*RJ*

Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-02 (SW2-62007)</b>		<b>Water</b>				<b>Sampled: 06/16/07 14:12</b>				
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 12:04	
<b>Trichlorofluoromethane</b>	"	<b>5.75</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): 4-BFB</i>			<i>96.9%</i>		<i>80 - 120 %</i>	"				"
<i>1,2-DCA-d4</i>			<i>114%</i>		<i>80 - 120 %</i>	"				"
<i>Dibromofluoromethane</i>			<i>110%</i>		<i>80 - 120 %</i>	"				"
<i>Toluene-d8</i>			<i>103%</i>		<i>80 - 120 %</i>	"				"

<b>AQF0125-03 (SW3-62007)</b>		<b>Water</b>				<b>Sampled: 06/16/07 16:05</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 12:31	
<b>Benzene</b>	"	<b>9.68</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>Chloroform</b>	"	<b>6.31</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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AQF0125-03 (SW3-62007)		Water			Sampled: 06/16/07 16:05					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 12:31	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1.04</b>	----	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>3.85</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	"	"	"	"	"	

Surrogate(s):	4-BFB	90.6%	80 - 120 %	"	"
	1,2-DCA-d4	106%	80 - 120 %	"	"
	Dibromofluoromethane	103%	80 - 120 %	"	"
	Toluene-d8	96.6%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-04 (SW4-62007)</b>		<b>Water</b>					<b>Sampled: 06/18/07 11:36</b>			
Acetone	EPA 8260B	ND	----	125	ug/l	5x	7061255	06/29/07 08:13	06/29/07 12:58	
<b>Benzene</b>	"	<b>6.85</b>	----	5.00	"	"	"	"	"	
Bromobenzene	"	ND	----	5.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	5.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	5.00	"	"	"	"	"	
Bromoform	"	ND	----	5.00	"	"	"	"	"	
Bromomethane	"	ND	----	25.0	"	"	"	"	"	
<b>2-Butanone (MEK)</b>	"	<b>717</b>	----	50.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	25.0	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	50.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	5.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	5.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>8.00</b>	----	5.00	"	"	"	"	"	
Chloromethane	"	ND	----	25.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	5.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	25.0	"	"	"	"	"	
Dibromochloromethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	5.00	"	"	"	"	"	
Dibromomethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	25.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	5.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	5.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	20.0	"	"	"	"	"	
2-Hexanone	"	ND	----	50.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	10.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-04 (SW4-62007)</b>		<b>Water</b>				<b>Sampled: 06/18/07 11:36</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	25.0	ug/l	5x	7061255	06/29/07 08:13	06/29/07 12:58	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	"
Methylene chloride	"	ND	----	25.0	"	"	"	"	"	"
Naphthalene	"	ND	----	10.0	"	"	"	"	"	"
n-Propylbenzene	"	ND	----	5.00	"	"	"	"	"	"
Styrene	"	ND	----	5.00	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	"	ND	----	5.00	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	"	ND	----	5.00	"	"	"	"	"	"
<b>Tetrachloroethene</b>	"	<b>7.90</b>	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	5.00	"	"	"	"	"	"
1,2,3-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	"
1,2,4-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	"
1,1,1-Trichloroethane	"	ND	----	5.00	"	"	"	"	"	"
1,1,2-Trichloroethane	"	ND	----	5.00	"	"	"	"	"	"
Trichloroethene	"	ND	----	5.00	"	"	"	"	"	"
<b>Trichlorofluoromethane</b>	"	<b>6.65</b>	----	5.00	"	"	"	"	"	"
1,2,3-Trichloropropane	"	ND	----	5.00	"	"	"	"	"	"
1,2,4-Trimethylbenzene	"	ND	----	5.00	"	"	"	"	"	"
1,3,5-Trimethylbenzene	"	ND	----	5.00	"	"	"	"	"	"
Vinyl chloride	"	ND	----	5.00	"	"	"	"	"	"
o-Xylene	"	ND	----	5.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	10.0	"	"	"	"	"	"
<hr/>										
<i>Surrogate(s):</i>	<i>4-BFB</i>		<i>97.2%</i>		<i>80 - 120 %</i>	<i>1x</i>				<i>"</i>
	<i>1,2-DCA-d4</i>		<i>118%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Dibromofluoromethane</i>		<i>113%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQF0125-05 (SW5-62007)</b>		<b>Water</b>				<b>Sampled: 06/18/07 13:31</b>				
Acetone	EPA 8260B	ND	----	50.0	ug/l	2x	7061255	06/29/07 08:13	06/29/07 13:25	
Benzene	"	ND	----	2.00	"	"	"	"	"	"
Bromobenzene	"	ND	----	2.00	"	"	"	"	"	"
Bromochloromethane	"	ND	----	2.00	"	"	"	"	"	"
Bromodichloromethane	"	ND	----	2.00	"	"	"	"	"	"
Bromoform	"	ND	----	2.00	"	"	"	"	"	"
Bromomethane	"	ND	----	10.0	"	"	"	"	"	"
2-Butanone (MEK)	"	ND	----	20.0	"	"	"	"	"	"
n-Butylbenzene	"	ND	----	10.0	"	"	"	"	"	"
sec-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	"
tert-Butylbenzene	"	ND	----	2.00	"	"	"	"	"	"
Carbon disulfide	"	ND	----	20.0	"	"	"	"	"	"
Carbon tetrachloride	"	ND	----	2.00	"	"	"	"	"	"
Chlorobenzene	"	ND	----	2.00	"	"	"	"	"	"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-05 (SW5-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 13:31</b>					
Chloroethane	EPA 8260B	ND	----	2.00	ug/l	2x	7061255	06/29/07 08:13	06/29/07 13:25	
Chloroform	"	ND	----	2.00	"	"	"	"	"	
Chloromethane	"	ND	----	10.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	10.0	"	"	"	"	"	
Dibromochloromethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	2.00	"	"	"	"	"	
Dibromomethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	2.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	2.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	2.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	2.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	8.00	"	"	"	"	"	
2-Hexanone	"	ND	----	20.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	4.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	4.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Naphthalene	"	ND	----	4.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	2.00	"	"	"	"	"	
Styrene	"	ND	----	2.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	2.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>203</b>	----	2.00	"	"	"	"	"	
Toluene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	2.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-05 (SW5-62007)</b>		<b>Water</b>				<b>Sampled: 06/18/07 13:31</b>				
Trichloroethene	EPA 8260B	ND	----	2.00	ug/l	2x	7061255	06/29/07 08:13	06/29/07 13:25	
Trichlorofluoromethane	"	ND	----	2.00	"	"	"	"	"	"
1,2,3-Trichloropropane	"	ND	----	2.00	"	"	"	"	"	"
1,2,4-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	"
1,3,5-Trimethylbenzene	"	ND	----	2.00	"	"	"	"	"	"
Vinyl chloride	"	ND	----	2.00	"	"	"	"	"	"
o-Xylene	"	ND	----	2.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	4.00	"	"	"	"	"	"
<i>Surrogate(s): 4-BFB</i>			<i>96.6%</i>		<i>80 - 120 %</i>	<i>1x</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>118%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>113%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>106%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQF0125-06 (SW6-62007)</b>		<b>Water</b>				<b>Sampled: 06/18/07 15:24</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 13:52	
<b>Benzene</b>	"	<b>1.10</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**AQF0125-06 (SW6-62007)** **Water** **Sampled: 06/18/07 15:24**

<b>1,2-Dichloroethane</b>	EPA 8260B	<b>1.08</b>	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 13:52	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>147</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>24.4</b>	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>2.11</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> 4-BFB	93.2%	80 - 120 %	"	"
1,2-DCA-d4	113%	80 - 120 %	"	"
Dibromofluoromethane	108%	80 - 120 %	"	"
Toluene-d8	100%	80 - 120 %	"	"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-07 (SW7-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 17:17</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 14:19	
<b>Benzene</b>	"	<b>9.48</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	"	<b>1.16</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-07 (SW7-62007)</b>		<b>Water</b>				<b>Sampled: 06/18/07 17:17</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 14:19	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1.41</b>	----	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>1.83</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): 4-BFB</i>			95.8%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			113%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			109%		80 - 120 %	"				"
<i>Toluene-d8</i>			102%		80 - 120 %	"				"

<b>AQF0125-08 (SW8-62007)</b>		<b>Water</b>				<b>Sampled: 06/19/07 10:55</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 14:46	
<b>Benzene</b>	"	<b>3.98</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-08 (SW8-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 10:55</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 14:46	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>4.15</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-08 (SW8-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 10:55</b>					
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 14:46	
<b>Trichlorofluoromethane</b>	"	<b>1.80</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): 4-BFB</i>			<i>99.1%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>1,2-DCA-d4</i>			<i>116%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Dibromofluoromethane</i>			<i>109%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

<b>AQF0125-09 (SW9-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 12:43</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 15:13	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J. James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**AQF0125-09 (SW9-62007)**

**Water**

**Sampled: 06/19/07 12:43**

<b>1,2-Dichloroethane</b>	EPA 8260B	<b>1.02</b>	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 15:13	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>9.82</b>	----	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>1.65</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>97.2%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>1,2-DCA-d4</i>	<i>115%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Dibromofluoromethane</i>	<i>108%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>103%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-10RE1 (SW10-62007)</b>		<b>Water</b>		<b>Sampled: 06/19/07 14:38</b>						
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7070002	07/01/07 09:45	07/01/07 17:25	
<b>Benzene</b>	"	<b>1.50</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
<b>2-Butanone (MEK)</b>	"	<b>108</b>	----	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	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	"	<b>1.04</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-10RE1 (SW10-62007)</b>		<b>Water</b>		<b>Sampled: 06/19/07 14:38</b>						
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7070002	07/01/07 09:45	07/01/07 17:25	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>6.35</b>	----	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>1.55</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): 4-BFB</i>			93.5%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			93.2%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			94.8%		80 - 120 %	"				"
<i>Toluene-d8</i>			95.8%		80 - 120 %	"				"

<b>AQF0125-11RE1 (SW11-62007)</b>		<b>Water</b>		<b>Sampled: 06/19/07 16:22</b>						
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7070002	07/01/07 09:45	07/01/07 17:52	
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 (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-11RE1 (SW11-62007)</b>		<b>Water</b>		<b>Sampled: 06/19/07 16:22</b>						
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7070002	07/01/07 09:45	07/01/07 17:52	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>12.1</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-11RE1 (SW11-62007)</b>		<b>Water</b>		<b>Sampled: 06/19/07 16:22</b>						
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7070002	07/01/07 09:45	07/01/07 17:52	
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>			93.6%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			98.0%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			96.3%		80 - 120 %	"				"
<i>Toluene-d8</i>			95.8%		80 - 120 %	"				"

<b>AQF0125-12 (SW12-62007)</b>		<b>Water</b>		<b>Sampled: 06/20/07 11:02</b>						
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 16:36	
<b>Benzene</b>	"	<b>1.50</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**AQF0125-12 (SW12-62007)** Water Sampled: 06/20/07 11:02

<b>1,2-Dichloroethane</b>	EPA 8260B	<b>1.17</b>	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 16:36	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1.45</b>	----	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>2.26</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>89.4%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>1,2-DCA-d4</i>	<i>107%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Dibromofluoromethane</i>	<i>102%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>96.0%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-13 (SW13-62007)</b>		<b>Water</b>					<b>Sampled: 06/20/07 12:57</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:03	
<b>Benzene</b>	"	<b>1.47</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	"	<b>1.06</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-13 (SW13-62007)</b>		<b>Water</b>				<b>Sampled: 06/20/07 12:57</b>				
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:03	
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>1.81</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): 4-BFB</i>				93.9%		80 - 120 %	"			"
<i>1,2-DCA-d4</i>				116%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				109%		80 - 120 %	"			"
<i>Toluene-d8</i>				102%		80 - 120 %	"			"

<b>AQF0125-14 (SW14-62007)</b>		<b>Water</b>				<b>Sampled: 06/20/07 14:44</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:30	
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 (MEK)	"	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	"	"	"	"	"	"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-14 (SW14-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 14:44</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:30	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>3.04</b>	----	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-14 (SW14-62007)</b>		<b>Water</b>				<b>Sampled: 06/20/07 14:44</b>				
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:30	
<b>Trichlorofluoromethane</b>	"	<b>1.40</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): 4-BFB</i>			93.2%		80 - 120 %	"				"
<i>1,2-DCA-d4</i>			111%		80 - 120 %	"				"
<i>Dibromofluoromethane</i>			102%		80 - 120 %	"				"
<i>Toluene-d8</i>			103%		80 - 120 %	"				"

<b>AQF0125-15 (SWDUP1-62007)</b>		<b>Water</b>				<b>Sampled: 06/20/07 16:22</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:57	
<b>Benzene</b>	"	<b>1.39</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-15 (SWDUP1-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 16:22</b>					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 17:57	
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	"	"	"	"	"	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1.44</b>	----	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>1.57</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): 4-BFB</i>				93.8%		80 - 120 %	"			"
<i>1,2-DCA-d4</i>				108%		80 - 120 %	"			"
<i>Dibromofluoromethane</i>				101%		80 - 120 %	"			"
<i>Toluene-d8</i>				102%		80 - 120 %	"			"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-16 (SWDUP2-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 18:05</b>					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7070002	07/01/07 09:45	07/01/07 18:19	
<b>Benzene</b>	"	<b>1.32</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	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	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	"	<b>1.02</b>	----	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	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

AQF0125-16 (SWDUP2-62007)		Water		Sampled: 06/20/07 18:05						
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7070002	07/01/07 09:45	07/01/07 18:19	
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	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>151</b>	----	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	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>21.0</b>	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>1.93</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	"	"	"	"	"	

Surrogate(s):	4-BFB	97.3%	80 - 120 %	"	"
1,2-DCA-d4	98.3%	80 - 120 %	"	"	
Dibromofluoromethane	97.9%	80 - 120 %	"	"	
Toluene-d8	97.5%	80 - 120 %	"	"	

AQF0125-17 (Trip blank)		Water		Sampled: 06/16/07 00:00						
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7061255	06/29/07 08:13	06/29/07 11:10	
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 (MEK)	"	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	"	"	"	"	"	

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Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-17 (Trip blank)</b>		<b>Water</b>			<b>Sampled: 06/16/07 00:00</b>					
Chloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 11:10	
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	"	"	"	"	"	
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	"	"	"	"	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-17 (Trip blank)</b>		<b>Water</b>					<b>Sampled: 06/16/07 00:00</b>			
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7061255	06/29/07 08:13	06/29/07 11:10	
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>97.0%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>1,2-DCA-d4</i>				<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Dibromofluoromethane</i>				<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Toluene-d8</i>				<i>102%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Conventional Chemistry Parameters per Standard Methods**  
 TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-01 (SW1-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 12:10</b>					
Total Organic Carbon	SM 5310C	2.24	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 19:13	
<b>AQF0125-02 (SW2-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 14:12</b>					
Total Organic Carbon	SM 5310C	2.06	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 19:26	
<b>AQF0125-03 (SW3-62007)</b>		<b>Water</b>			<b>Sampled: 06/16/07 16:05</b>					
Total Organic Carbon	SM 5310C	2.30	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 19:40	
<b>AQF0125-04 (SW4-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 11:36</b>					
Total Organic Carbon	SM 5310C	2.72	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 19:53	
<b>AQF0125-05 (SW5-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 13:31</b>					
Total Organic Carbon	SM 5310C	2.22	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 20:34	
<b>AQF0125-06 (SW6-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 15:24</b>					
Total Organic Carbon	SM 5310C	2.63	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 20:47	
<b>AQF0125-07 (SW7-62007)</b>		<b>Water</b>			<b>Sampled: 06/18/07 17:17</b>					
Total Organic Carbon	SM 5310C	2.35	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 21:01	
<b>AQF0125-08 (SW8-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 10:55</b>					
Total Organic Carbon	SM 5310C	2.48	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 21:14	
<b>AQF0125-09 (SW9-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 12:43</b>					
Total Organic Carbon	SM 5310C	2.74	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 21:27	
<b>AQF0125-10 (SW10-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 14:38</b>					
Total Organic Carbon	SM 5310C	2.54	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 21:40	
<b>AQF0125-11 (SW11-62007)</b>		<b>Water</b>			<b>Sampled: 06/19/07 16:22</b>					
Total Organic Carbon	SM 5310C	2.38	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 21:54	

TestAmerica - Anchorage, AK



Rachel J. James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Conventional Chemistry Parameters per Standard Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQF0125-12 (SW12-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 11:02</b>					
<b>Total Organic Carbon</b>	SM 5310C	<b>2.42</b>	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 22:07	
<b>AQF0125-13 (SW13-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 12:57</b>					
<b>Total Organic Carbon</b>	SM 5310C	<b>2.15</b>	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 22:20	
<b>AQF0125-14 (SW14-62007)</b>		<b>Water</b>			<b>Sampled: 06/20/07 14:44</b>					
<b>Total Organic Carbon</b>	SM 5310C	<b>2.28</b>	----	1.00	mg/l	1x	7070095	07/03/07 14:36	07/03/07 22:33	

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7060138      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7060138-BLK1)</b>								Extracted: 06/29/07 12:02						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	06/29/07 12:42	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
<b>LCS (7060138-BS1)</b>								Extracted: 06/29/07 12:02						
Methane	RSK 175	49.3	---	1.20	ug/l	1x	--	55.8	88.3%	(80-120)	--	--	06/29/07 12:42	
Ethane	"	105	---	10.0	"	"	--	112	94.0%	"	--	--	"	
Ethene	"	126	---	10.0	"	"	--	134	93.8%	"	--	--	"	
<b>LCS Dup (7060138-BSD1)</b>								Extracted: 06/29/07 12:02						
Methane	RSK 175	56.6	---	1.20	ug/l	1x	--	55.8	101%	(80-120)	13.7%	(25)	06/29/07 12:42	
Ethane	"	121	---	10.0	"	"	--	112	108%	"	13.7%	"	"	
Ethene	"	144	---	10.0	"	"	--	134	108%	"	13.8%	"	"	
<b>Duplicate (7060138-DUP1)</b>				QC Source: AQF0125-01				Extracted: 06/29/07 12:02						
Methane	RSK 175	51.2	---	1.20	ug/l	1x	44.6	--	--	--	13.8%	(35)	06/29/07 12:42	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(17)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	NR	(16.2)	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7061255      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7061255-BLK1)</b>										Extracted: 06/29/07 08:13				
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	06/29/07 10:43	
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 (MEK)	"	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	"	"	--	--	--	--	--	--		

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7061255      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**Blank (7061255-BLK1)**

Extracted: 06/29/07 08:13

Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	06/29/07 10:43	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
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):</i> 4-BFB	<i>Recovery:</i> 97.6%	<i>Limits:</i> 80-120%	"	06/29/07 10:43
1,2-DCA-d4	110%	80-120%	"	"
Dibromofluoromethane	106%	80-120%	"	"
Toluene-d8	101%	80-120%	"	"

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7061255      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7061255-BS1)</b>													<b>Extracted: 06/29/07 08:13</b>	
Benzene	EPA 8260B	22.1	---	1.00	ug/l	1x	--	20.0	111%	(80-120)	--	--	06/29/07 08:54	
Chlorobenzene	"	23.2	---	1.00	"	"	--	"	116%	(80-124)	--	--	"	
1,1-Dichloroethene	"	19.5	---	1.00	"	"	--	"	97.5%	(78-120)	--	--	"	
Toluene	"	22.5	---	1.00	"	"	--	"	113%	(80-124)	--	--	"	
Trichloroethene	"	21.7	---	1.00	"	"	--	"	108%	(80-132)	--	--	"	
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 99.0%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/29/07 08:54</i>		
<i>1,2-DCA-d4</i>		<i>111%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Dibromofluoromethane</i>		<i>107%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		
<i>Toluene-d8</i>		<i>103%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>		

<b>Matrix Spike (7061255-MS1)</b>													<b>QC Source: AQF0125-01</b>		<b>Extracted: 06/29/07 08:13</b>	
Benzene	EPA 8260B	30.4	---	1.00	ug/l	1x	9.05	20.0	107%	(80-124)	--	--	06/29/07 09:21			
Chlorobenzene	"	22.5	---	1.00	"	"	ND	"	112%	(72.9-134)	--	--	"			
1,1-Dichloroethene	"	20.9	---	1.00	"	"	ND	"	104%	(79.3-127)	--	--	"			
Toluene	"	22.0	---	1.00	"	"	0.240	"	109%	(79.7-131)	--	--	"			
Trichloroethene	"	20.4	---	1.00	"	"	ND	"	102%	(68.4-130)	--	--	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 104%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/29/07 09:21</i>				
<i>1,2-DCA-d4</i>		<i>111%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>108%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

<b>Matrix Spike Dup (7061255-MSD1)</b>													<b>QC Source: AQF0125-01</b>		<b>Extracted: 06/29/07 08:13</b>	
Benzene	EPA 8260B	28.8	---	1.00	ug/l	1x	9.05	20.0	98.8%	(80-124)	5.31%	(25)	06/29/07 09:48			
Chlorobenzene	"	21.2	---	1.00	"	"	ND	"	106%	(72.9-134)	5.77%	"	"			
1,1-Dichloroethene	"	19.7	---	1.00	"	"	ND	"	98.6%	(79.3-127)	5.62%	"	"			
Toluene	"	20.8	---	1.00	"	"	0.240	"	103%	(79.7-131)	5.83%	"	"			
Trichloroethene	"	19.4	---	1.00	"	"	ND	"	96.8%	(68.4-130)	5.23%	"	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery: 99.4%</i>		<i>Limits: 80-120%</i>		<i>"</i>						<i>06/29/07 09:48</i>				
<i>1,2-DCA-d4</i>		<i>110%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Dibromofluoromethane</i>		<i>106%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				
<i>Toluene-d8</i>		<i>102%</i>		<i>80-120%</i>		<i>"</i>						<i>"</i>				

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	Report Created:
P.O. Box 83050	Project Number: [none]	07/09/07 11:45
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7070002      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7070002-BLK1)</b>													<b>Extracted: 07/01/07 09:45</b>	
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	07/01/07 15:36	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	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	"	"	--	--	--	--	--	--	"	

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7070002      Water Preparation Method: EPA 5030B**

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

**Blank (7070002-BLK1)**

Extracted: 07/01/07 09:45

Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	07/01/07 15:36	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
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: 91.4%</i>	<i>Limits: 80-120%</i>	<i>"</i>	<i>07/01/07 15:36</i>
<i>1,2-DCA-d4</i>	<i>91.6%</i>	<i>80-120%</i>	<i>"</i>	<i>"</i>
<i>Dibromofluoromethane</i>	<i>92.8%</i>	<i>80-120%</i>	<i>"</i>	<i>"</i>
<i>Toluene-d8</i>	<i>94.0%</i>	<i>80-120%</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7070002      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7070002-BS1)</b>													<b>Extracted: 07/01/07 09:45</b>	
Benzene	EPA 8260B	22.2	---	1.00	ug/l	1x	--	20.0	111%	(80-120)	--	--	07/01/07 13:43	
Chlorobenzene	"	22.2	---	1.00	"	"	--	"	111%	(80-124)	--	--	"	
1,1-Dichloroethene	"	19.1	---	1.00	"	"	--	"	95.4%	(78-120)	--	--	"	
Toluene	"	21.9	---	1.00	"	"	--	"	110%	(80-124)	--	--	"	
Trichloroethene	"	20.6	---	1.00	"	"	--	"	103%	(80-132)	--	--	"	
<i>Surrogate(s): 4-BFB</i>		<i>Recovery:</i>		<i>95.9%</i>		<i>Limits: 80-120%</i>		<i>"</i>				<i>07/01/07 13:43</i>		
<i>1,2-DCA-d4</i>		<i>Recovery:</i>		<i>92.3%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>		
<i>Dibromofluoromethane</i>		<i>Recovery:</i>		<i>96.2%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>		
<i>Toluene-d8</i>		<i>Recovery:</i>		<i>92.7%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>		

<b>Matrix Spike (7070002-MS1)</b>													<b>QC Source: PQF0960-04</b>		<b>Extracted: 07/01/07 09:45</b>	
Benzene	EPA 8260B	21.4	---	1.00	ug/l	1x	ND	20.0	107%	(80-124)	--	--	07/01/07 14:15			
Chlorobenzene	"	21.3	---	1.00	"	"	ND	"	107%	(72.9-134)	--	--	"			
1,1-Dichloroethene	"	18.4	---	1.00	"	"	ND	"	91.9%	(79.3-127)	--	--	"			
Toluene	"	21.2	---	1.00	"	"	ND	"	106%	(79.7-131)	--	--	"			
Trichloroethene	"	19.6	---	1.00	"	"	ND	"	97.8%	(68.4-130)	--	--	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery:</i>		<i>97.6%</i>		<i>Limits: 80-120%</i>		<i>"</i>				<i>07/01/07 14:15</i>				
<i>1,2-DCA-d4</i>		<i>Recovery:</i>		<i>93.0%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				
<i>Dibromofluoromethane</i>		<i>Recovery:</i>		<i>98.0%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				
<i>Toluene-d8</i>		<i>Recovery:</i>		<i>95.2%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				

<b>Matrix Spike Dup (7070002-MSD1)</b>													<b>QC Source: PQF0960-04</b>		<b>Extracted: 07/01/07 09:45</b>	
Benzene	EPA 8260B	22.4	---	1.00	ug/l	1x	ND	20.0	112%	(80-124)	4.47% (25)		07/01/07 14:42			
Chlorobenzene	"	22.5	---	1.00	"	"	ND	"	112%	(72.9-134)	5.25%	"	"			
1,1-Dichloroethene	"	19.1	---	1.00	"	"	ND	"	95.6%	(79.3-127)	4.00%	"	"			
Toluene	"	22.3	---	1.00	"	"	ND	"	112%	(79.7-131)	4.91%	"	"			
Trichloroethene	"	20.5	---	1.00	"	"	ND	"	102%	(68.4-130)	4.50%	"	"			
<i>Surrogate(s): 4-BFB</i>		<i>Recovery:</i>		<i>95.4%</i>		<i>Limits: 80-120%</i>		<i>"</i>				<i>07/01/07 14:42</i>				
<i>1,2-DCA-d4</i>		<i>Recovery:</i>		<i>93.2%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				
<i>Dibromofluoromethane</i>		<i>Recovery:</i>		<i>97.8%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				
<i>Toluene-d8</i>		<i>Recovery:</i>		<i>95.2%</i>		<i>80-120%</i>		<i>"</i>				<i>"</i>				

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/09/07 11:45

**Conventional Chemistry Parameters per Standard Methods - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7070095**      **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7070095-BLK1)</b>								Extracted: 07/03/07 14:36						
Total Organic Carbon	SM 5310C	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	07/03/07 17:52	
<b>LCS (7070095-BS1)</b>								Extracted: 07/03/07 14:36						
Total Organic Carbon	SM 5310C	20.4	---	1.00	mg/l	1x	--	20.0	102%	(85-115)	--	--	07/03/07 18:06	
<b>Duplicate (7070095-DUP1)</b>				QC Source: AQF0125-01				Extracted: 07/03/07 14:36						
Total Organic Carbon	SM 5310C	2.23	---	1.00	mg/l	1x	2.24	--	--	--	0.168% (20)	--	07/03/07 18:19	
<b>Matrix Spike (7070095-MS1)</b>				QC Source: AQF0125-01				Extracted: 07/03/07 14:36						
Total Organic Carbon	SM 5310C	25.6	---	1.01	mg/l	1x	2.24	25.3	92.1%	(75-125)	--	--	07/03/07 18:33	

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Rachel J James For Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
07/09/07 11:45

**Notes and Definitions**

Report Specific Notes:

None

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. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- 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.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK



Rachel J James For Troy J. Engstrom, Manager

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## CHAIN OF CUSTODY REPORT

Work Order #: **AQH0145**

CLIENT: Alaska Resources and Environmental Services REPORT TO: email: lyle@ak-res.com ADDRESS: Mail: P.O. Box 83050 Fairbanks, Alaska 99708 PHONE: (907) 374-3226 FAX: (907) 374-3219 PROJECT NAME: <b>Bentley Mall</b> PROJECT NUMBER:		INVOICE TO: Alaska Resources and Environmental Services P.O. Box 83050 Fairbanks, Alaska 99708 P.O. NUMBER:	
SUBPURC HCL HCL		PRESERVATIVE	
REQUESTED ANALYSES TOC VOC Methane Ethane		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses: 7 5 4 3 2 1 <1 Petroleum Hydrocarbon Analyses: 5 4 3 2 1 <1 * Turnaround Requests less than standard may incur Rush Charges.	
SAMPLED BY: <b>Lyle Gresehover</b>		OTHER Specify:	
CLIENT SAMPLE IDENTIFICATION SW5-82007 SW11-82007 DUP-82007 Trip Blank	SAMPLING DATE/TIME 8/22/2007 1549 8/22/2007 1712 8/22/2007 1745	MATRIX (W, S, O) W W W	# OF CONT. 7 7 7
		LOCATION / COMMENTS 01 02 03 04	TA W O I D
RELEASED BY: <i>Jason Gresehover</i> PRINT NAME: <b>JASON GRESEHOVER</b>		RECEIVED BY: <i>Johanna Decker</i> PRINT NAME: <b>Johanna Decker</b>	
FIRM: <b>ARES</b>		FIRM: <b>TAL-AIK</b>	
DATE: <b>08/27/2007</b> TIME: <b>1200</b>		DATE: <b>0828/07</b> TIME: <b>2905</b>	
ADDITIONAL REMARKS: <b>Level II Reporting Requested</b>		TEMP: <b>4.7</b> PAGE: <b>1 of 1</b>	

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.



# Test America Cooler Receipt Form

WORK ORDER # AQH0145 CLIENT: ARES PROJECT: Bustley Mall

Date /Time Cooler Arrived 08 / 28 / 07 09:05 Cooler signed for by: Johanna Dreher  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received or \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Cooler opened by (print) Johanna Dreher (sign) Johanna Dreher

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: \_\_\_\_\_

Shipment Tracking # if applicable PRO 457135 (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Jason Grisehaver Date 08/27/07

Were custody seals unbroken and intact on arrival?  Yes  No

3. Were custody papers sealed in a plastic bag?  Yes  No

4. Were custody papers filled out properly (ink, signed, etc.)?  Yes  No

5. Did you sign the custody papers in the appropriate place?  Yes  No

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: Soft

Temperature by Digi-Thermo Probe 4.7 °C Thermometer # rec # 4

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler:  bubble wrap  Styrofoam  cardboard  Other: \_\_\_\_\_

8. Did samples arrive in plastic bags?  Yes  No

9. Did all bottles arrive unbroken, and with labels in good condition?  Yes  No

10. Are all bottle labels complete (ID, date, time, etc.)  Yes  No

11. Do bottle labels and Chain of Custody agree?  Yes  No

*Trip Blank on COC but not in cooler contacted client.*

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "No" which containers contained "head space" or bubbles? \_\_\_\_\_

## Log-in Phase:

Date of sample log-in 08 / 29 / 07

Samples logged in by (print) Johanna Dreher (sign) Johanna Dreher

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No

AQH0142, AQH0143, AQH0144, AQH0145, AQH0146  
traveled in the same cooler

AQH0142, AQH0143, AH0144, AH0146

AQH0145

traveled to TAL-AK  
in the  
same cooler

**CUSTODY SEAL**

Date 8/27/07

Signature [Handwritten Signature]

**TestAmerica**  
ANALYTICAL TESTING CORPORATION

September 12, 2007

Lyle Gresehover  
Alaska Resources & Environmental Services  
P.O. Box 83050  
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 08/28/07 09:05.  
The following list is a summary of the Work Orders contained in this report, generated on 09/12/07  
13:26.

If you have any questions concerning this report, please feel free to contact me.

---

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
AQH0145	Bentley Mall	[none]

---

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TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b> P.O. Box 83050 Fairbanks, AK 99708	Project Name:	<b>Bentley Mall</b>	Report Created:
	Project Number:	[none]	09/12/07 13:26
	Project Manager:	Lyle Gresehover	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW5-82007	AQH0145-01	Water	08/22/07 15:49	08/28/07 09:05
SW11-82007	AQH0145-02	Water	08/22/07 17:12	08/28/07 09:05
DUP-82007	AQH0145-03	Water	08/22/07 17:45	08/28/07 09:05

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Hydrocarbons by GC/FID Headspace**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-01 (SW5-82007)</b>		<b>Water</b>			<b>Sampled: 08/22/07 15:49</b>					
Methane	RSK 175	<b>42.1</b>	----	1.20	ug/l	1x	7090003	09/04/07 07:07	09/04/07 09:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQH0145-02 (SW11-82007)</b>		<b>Water</b>			<b>Sampled: 08/22/07 17:12</b>					
Methane	RSK 175	<b>46.4</b>	----	1.20	ug/l	1x	7090003	09/04/07 07:07	09/04/07 09:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQH0145-03 (DUP-82007)</b>		<b>Water</b>			<b>Sampled: 08/22/07 17:45</b>					
Methane	RSK 175	<b>52.0</b>	----	1.20	ug/l	1x	7090003	09/04/07 07:07	09/04/07 09:00	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Conventional Chemistry Parameters per Standard Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-01 (SW5-82007)</b>		<b>Water</b>					<b>Sampled: 08/22/07 15:49</b>			
<b>Total Organic Carbon</b>	SM 5310C	<b>18.0</b>	----	1.00	mg/l	1x	7090291	09/07/07 22:10	09/07/07 23:51	
<b>AQH0145-02 (SW11-82007)</b>		<b>Water</b>					<b>Sampled: 08/22/07 17:12</b>			
<b>Total Organic Carbon</b>	SM 5310C	<b>3.26</b>	----	1.00	mg/l	1x	7090291	09/07/07 22:10	09/08/07 00:46	
<b>AQH0145-03 (DUP-82007)</b>		<b>Water</b>					<b>Sampled: 08/22/07 17:45</b>			
<b>Total Organic Carbon</b>	SM 5310C	<b>3.33</b>	----	1.00	mg/l	1x	7090291	09/07/07 22:10	09/08/07 01:00	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-01 (SW5-82007)</b>		<b>Water</b>			<b>Sampled: 08/22/07 15:49</b>					
Acetone	EPA 8260B	ND	----	20.0	ug/l	1x	7H31033	08/31/07 16:00	09/01/07 01:48	
<b>Benzene</b>	"	<b>1.63</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	2.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
1-Chlorohexane	"	ND	----	1.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>1.11</b>	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
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	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	"	<b>1.01</b>	----	1.00	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	"	<b>2.00</b>	----	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	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
n-Hexane	"	ND	----	2.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQH0145-01 (SW5-82007)</b>		<b>Water</b>				<b>Sampled: 08/22/07 15:49</b>					
2-Hexanone	EPA 8260B	ND	----	10.0	ug/l	1x	7H31033	08/31/07 16:00	09/01/07 01:48		
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>2.87</b>	----	1.00	"	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>3.06</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	"	"	"	"	"	"	
Total Xylenes	"	ND	----	3.00	"	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				104%		70 - 130 %	"			"	
<i>Toluene-d8</i>				91.8%		75 - 125 %	"			"	
<i>4-BFB</i>				101%		75 - 125 %	"			"	

<b>AQH0145-01RE1 (SW5-82007)</b>		<b>Water</b>				<b>Sampled: 08/22/07 15:49</b>					
<b>Tetrachloroethene</b>	EPA 8260B	<b>1650</b>	----	20.0	ug/l	20x	7101004	09/01/07 10:57	09/01/07 18:18		
<i>Surrogate(s): 1,2-DCA-d4</i>				103%		70 - 130 %	1x			"	
<i>Toluene-d8</i>				98.5%		75 - 125 %	"			"	
<i>4-BFB</i>				103%		75 - 125 %	"			"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-02 (SW11-82007)</b>		<b>Water</b>			<b>Sampled: 08/22/07 17:12</b>					
Acetone	EPA 8260B	ND	----	20.0	ug/l	1x	7101004	09/01/07 10:57	09/01/07 16:39	
<b>Benzene</b>	"	<b>3.60</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	2.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
1-Chlorohexane	"	ND	----	1.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>2.18</b>	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
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	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	"	<b>2.02</b>	----	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	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
n-Hexane	"	ND	----	2.00	"	"	"	"	"	

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Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
 Fairbanks, AK 99708

Project Name: **Bentley Mall**

Project Number: [none]

Project Manager: Lyle Gresehover

Report Created:  
 09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-02 (SW11-82007)</b>		<b>Water</b>		<b>Sampled: 08/22/07 17:12</b>						
2-Hexanone	EPA 8260B	ND	----	10.0	ug/l	1x	7101004	09/01/07 10:57	09/01/07 16:39	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>2.33</b>	----	1.00	"	"	"	"	"	
Toluene	"	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>3.63</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	"	"	"	"	"	
Total Xylenes	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>102%</i>		<i>70 - 130 %</i>	"				"
<i>Toluene-d8</i>			<i>90.6%</i>		<i>75 - 125 %</i>	"				"
<i>4-BFB</i>			<i>99.2%</i>		<i>75 - 125 %</i>	"				"

<b>AQH0145-03 (DUP-82007)</b>		<b>Water</b>		<b>Sampled: 08/22/07 17:45</b>						
Acetone	EPA 8260B	ND	----	20.0	ug/l	1x	7H31033	08/31/07 16:00	09/01/07 02:47	
<b>Benzene</b>	"	<b>3.68</b>	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	2.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-03 (DUP-82007)</b>		<b>Water</b>					<b>Sampled: 08/22/07 17:45</b>			
Carbon tetrachloride	EPA 8260B	ND	----	1.00	ug/l	1x	7H31033	08/31/07 16:00	09/01/07 02:47	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
1-Chlorohexane	"	ND	----	1.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>2.28</b>	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
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	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	"	<b>1.86</b>	----	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	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
n-Hexane	"	ND	----	2.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	5.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQH0145-03 (DUP-82007)</b>		<b>Water</b>				<b>Sampled: 08/22/07 17:45</b>				
<b>Tetrachloroethene</b>	EPA 8260B	<b>3.26</b>	----	1.00	ug/l	1x	7H31033	08/31/07 16:00	09/01/07 02:47	
Toluene	"	ND	----	1.00	"	"	"	"	"	"
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	"
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	"
<b>Trichloroethene</b>	"	<b>1.22</b>	----	1.00	"	"	"	"	"	"
<b>Trichlorofluoromethane</b>	"	<b>3.82</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	"	"	"	"	"	"
Total Xylenes	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		<i>107%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>89.9%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>101%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7090003      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7090003-BLK1)</b>								Extracted: 09/04/07 07:07						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	09/04/07 09:00	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
<b>LCS (7090003-BS1)</b>								Extracted: 09/04/07 07:07						
Methane	RSK 175	56.7	---	1.20	ug/l	1x	--	57.5	98.7%	(80-120)	--	--	09/04/07 09:00	
Ethane	"	126	---	10.0	"	"	--	112	113%	"	--	--	"	
Ethene	"	150	---	10.0	"	"	--	134	112%	"	--	--	"	
<b>LCS Dup (7090003-BSD1)</b>								Extracted: 09/04/07 07:07						
Methane	RSK 175	51.4	---	1.20	ug/l	1x	--	57.5	89.3%	(80-120)	9.92%	(25)	09/04/07 09:00	
Ethane	"	114	---	10.0	"	"	--	112	102%	"	9.85%	"	"	
Ethene	"	136	---	10.0	"	"	--	134	102%	"	9.88%	"	"	
<b>Duplicate (7090003-DUP1)</b>				QC Source: AQH0100-01				Extracted: 09/04/07 07:07						
Methane	RSK 175	ND	---	1.20	ug/l	1x	ND	--	--	--	27.3%	(35)	09/04/07 09:00	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(17)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	NR	(16.2)	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Conventional Chemistry Parameters per Standard Methods - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7090291**      **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7090291-BLK1)</b>								Extracted: 09/07/07 22:10						
Total Organic Carbon	SM 5310C	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	09/07/07 22:20	
<b>LCS (7090291-BS1)</b>								Extracted: 09/07/07 22:10						
Total Organic Carbon	SM 5310C	20.2	---	1.00	mg/l	1x	--	20.0	101%	(85-115)	--	--	09/07/07 22:35	
<b>Duplicate (7090291-DUP1)</b>				QC Source: PQH1148-01				Extracted: 09/07/07 22:10						
Total Organic Carbon	SM 5310C	47.1	---	1.00	mg/l	1x	47.2	--	--	--	0.248% (20)	--	09/07/07 22:51	
<b>Matrix Spike (7090291-MS1)</b>				QC Source: PQH1148-01				Extracted: 09/07/07 22:10						
Total Organic Carbon	SM 5310C	72.1	---	1.01	mg/l	1x	47.2	25.3	98.3%	(75-125)	--	--	09/07/07 23:07	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Seattle, WA

**QC Batch: 7H31033      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7H31033-BLK1)</b>													<b>Extracted: 08/31/07 16:00</b>	
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	08/31/07 18:10	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--		
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--		
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--		
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--		
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--		
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--		
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--		
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	---	1.00	"	"	--	--	--	--	--	--		
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	"	"	--	--	--	--	--	--		

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Seattle, WA

**QC Batch: 7H31033      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7H31033-BLK1)</b>													<b>Extracted: 08/31/07 16:00</b>	
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	08/31/07 18:10	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-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	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4      Recovery: 108%      Limits: 70-130%      "</i>													<i>08/31/07 18:10</i>	
<i>Toluene-d8      99.4%      75-125%      "</i>													<i>"</i>	
<i>4-BFB      101%      75-125%      "</i>													<i>"</i>	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Seattle, WA

**QC Batch: 7H31033      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7H31033-BS1)</b>													<b>Extracted: 08/31/07 16:00</b>	
Benzene	EPA 8260B	19.4	---	1.00	ug/l	1x	--	20.0	97.2%	(80-120)	--	--	08/31/07 17:13	
Chlorobenzene	"	20.1	---	1.00	"	"	--	"	100%	"	--	--	"	
1,1-Dichloroethene	"	20.3	---	1.00	"	"	--	"	102%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	20.0	---	2.00	"	"	--	"	100%	(75-126)	--	--	"	
Toluene	"	19.4	---	1.00	"	"	--	"	97.2%	(75-125)	--	--	"	
Trichloroethene	"	19.7	---	1.00	"	"	--	"	98.7%	"	--	--	"	
Total Xylenes	"	60.3	---	3.00	"	"	--	60.0	100%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>108%</i>	<i>Limits: 70-130%</i>		<i>"</i>								<i>08/31/07 17:13</i>
<i>Toluene-d8</i>		<i>99.9%</i>	<i>75-125%</i>		<i>"</i>								<i>"</i>	
<i>4-BFB</i>		<i>101%</i>	<i>75-125%</i>		<i>"</i>								<i>"</i>	

<b>LCS Dup (7H31033-BSD1)</b>													<b>Extracted: 08/31/07 16:00</b>	
Benzene	EPA 8260B	20.2	---	1.00	ug/l	1x	--	20.0	101%	(80-120)	4.08% (20)		08/31/07 17:42	
Chlorobenzene	"	21.1	---	1.00	"	"	--	"	105%	"	4.86%	"	"	
1,1-Dichloroethene	"	21.4	---	1.00	"	"	--	"	107%	(75-125)	5.36%	"	"	
Methyl tert-butyl ether	"	20.7	---	2.00	"	"	--	"	103%	(75-126)	3.10%	"	"	
Toluene	"	20.2	---	1.00	"	"	--	"	101%	(75-125)	3.84%	"	"	
Trichloroethene	"	20.8	---	1.00	"	"	--	"	104%	"	5.47%	"	"	
Total Xylenes	"	63.6	---	3.00	"	"	--	60.0	106%	"	5.39%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>108%</i>	<i>Limits: 70-130%</i>		<i>"</i>								<i>08/31/07 17:42</i>
<i>Toluene-d8</i>		<i>98.7%</i>	<i>75-125%</i>		<i>"</i>								<i>"</i>	
<i>4-BFB</i>		<i>99.8%</i>	<i>75-125%</i>		<i>"</i>								<i>"</i>	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Seattle, WA

**QC Batch: 7I01004      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7I01004-BLK1)</b>													<b>Extracted: 09/01/07 10:57</b>	
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	09/01/07 13:41	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
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	---	1.00	"	"	--	--	--	--	--	--	"	
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	"	"	--	--	--	--	--	--	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Seattle, WA

**QC Batch: 7I01004      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7I01004-BLK1)</b>													<b>Extracted: 09/01/07 10:57</b>	
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	09/01/07 13:41	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-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	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 101%</i>		<i>Limits: 70-130%</i>		<i>"</i>							<i>09/01/07 13:41</i>	
<i>Toluene-d8</i>		<i>99.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>103%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	09/12/07 13:26

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica - Seattle, WA

**QC Batch: 7I01004      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7I01004-BS1)</b>													<b>Extracted: 09/01/07 10:57</b>	
Benzene	EPA 8260B	20.0	---	1.00	ug/l	1x	--	20.0	100%	(80-120)	--	--	09/01/07 12:48	
Chlorobenzene	"	20.7	---	1.00	"	"	--	"	104%	"	--	--	"	
1,1-Dichloroethene	"	20.2	---	1.00	"	"	--	"	101%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	20.0	---	2.00	"	"	--	"	99.8%	(75-126)	--	--	"	
Toluene	"	19.6	---	1.00	"	"	--	"	98.2%	(75-125)	--	--	"	
Trichloroethene	"	20.5	---	1.00	"	"	--	"	102%	"	--	--	"	
Total Xylenes	"	61.4	---	3.00	"	"	--	60.0	102%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 97.6%</i>		<i>Limits: 70-130%</i>		<i>"</i>						<i>09/01/07 12:48</i>		
<i>Toluene-d8</i>		<i>98.2%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		
<i>4-BFB</i>		<i>99.6%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		

<b>LCS Dup (7I01004-BSD1)</b>													<b>Extracted: 09/01/07 10:57</b>	
Benzene	EPA 8260B	20.0	---	1.00	ug/l	1x	--	20.0	100%	(80-120)	0.0500% (20)		09/01/07 13:15	
Chlorobenzene	"	20.8	---	1.00	"	"	--	"	104%	"	0.626%	"	"	
1,1-Dichloroethene	"	20.2	---	1.00	"	"	--	"	101%	(75-125)	0.198%	"	"	
Methyl tert-butyl ether	"	19.8	---	2.00	"	"	--	"	98.8%	(75-126)	1.11%	"	"	
Toluene	"	20.0	---	1.00	"	"	--	"	100%	(75-125)	1.77%	"	"	
Trichloroethene	"	20.7	---	1.00	"	"	--	"	104%	"	1.21%	"	"	
Total Xylenes	"	62.3	---	3.00	"	"	--	60.0	104%	"	1.47%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 97.6%</i>		<i>Limits: 70-130%</i>		<i>"</i>						<i>09/01/07 13:15</i>		
<i>Toluene-d8</i>		<i>99.0%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		
<i>4-BFB</i>		<i>99.6%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**  
Project Number: [none]  
Project Manager: Lyle Gresehover

Report Created:  
09/12/07 13:26

**Notes and Definitions**

Report Specific Notes:

None

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. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- 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.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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## CHAIN OF CUSTODY REPORT

Work Order #: **AQH0145**

CLIENT: Alaska Resources and Environmental Services REPORT TO: email: lyle@ak-res.com ADDRESS: Mail: P.O. Box 83050 Fairbanks, Alaska 99708 PHONE: (907) 374-3226 FAX: (907) 374-3219 PROJECT NAME: <b>Bentley Mall</b> PROJECT NUMBER:		INVOICE TO: Alaska Resources and Environmental Services P.O. Box 83050 Fairbanks, Alaska 99708 P.O. NUMBER:	
SUBPURC HCL HCL		PRESERVATIVE	
REQUESTED ANALYSES TOC VOC Methane Ethane		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses: 7 5 4 3 2 1 <1 Petroleum Hydrocarbon Analyses: 5 4 3 2 1 <1 * Turnaround Requests less than standard may incur Rush Charges.	
SAMPLED BY: <b>Lyle Gresehover</b>		OTHER Specify:	
CLIENT SAMPLE IDENTIFICATION SW5-82007 SW11-82007 DUP-82007 Trip Blank	SAMPLING DATE/TIME 8/22/2007 1549 8/22/2007 1712 8/22/2007 1745	MATRIX (W, S, O) W W W	# OF CONT. 7 7 7
		LOCATION / COMMENTS 01 02 03 04	TA W O I D
RELEASED BY: <i>Jason Gresehover</i> PRINT NAME: <b>JASON GRESEHOVER</b>		RECEIVED BY: <i>Johanna Decker</i> PRINT NAME: <b>Johanna Decker</b>	
FIRM: <b>ARES</b>		FIRM: <b>TAL-AIK</b>	
DATE: <b>08/27/2007</b> TIME: <b>1200</b>		DATE: <b>0828/07</b> TIME: <b>2905</b>	
ADDITIONAL REMARKS: <b>Level II Reporting Requested</b>		TEMP: <b>4.7</b> PAGE: <b>1 of 1</b>	

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

# Test America Cooler Receipt Form

WORK ORDER # AQH0145 CLIENT: ARES PROJECT: Bustley Mall

Date /Time Cooler Arrived 08 / 28 / 07 09:05 Cooler signed for by: Johanna Dreher  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received or      /      /     

Cooler opened by (print) Johanna Dreher (sign) Johanna Dreher

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: 08/26/07

Shipment Tracking # if applicable PRO 457135 (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Jason Grisehaver Date 08/27/07

Were custody seals unbroken and intact on arrival?  Yes  No

3. Were custody papers sealed in a plastic bag?  Yes  No

4. Were custody papers filled out properly (ink, signed, etc.)?  Yes  No

5. Did you sign the custody papers in the appropriate place?  Yes  No

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: Soft

Temperature by Digi-Thermo Probe 4.7 °C Thermometer # rec # 4

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler:  bubble wrap  Styrofoam  cardboard  Other:     

8. Did samples arrive in plastic bags?  Yes  No

9. Did all bottles arrive unbroken, and with labels in good condition?  Yes  No

10. Are all bottle labels complete (ID, date, time, etc.)  Yes  No

11. Do bottle labels and Chain of Custody agree?  Yes  No 08/29/07

*Trip Blank on coc but not in cool contacted client.*

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "No" which containers contained "head space" or bubbles?     

## Log-in Phase:

Date of sample log-in 08 / 29 / 07

Samples logged in by (print) Johanna Dreher (sign) Johanna Dreher

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No

AQH0142, AQH0143, AQH0144, AQH0145, AQH0146  
traveled in the same cooler

AQH0142, AQH0143, AH0144, AH0146

AQH0145

traveled to TAL-AK  
in the  
same cooler

**CUSTODY SEAL**

Date 8/27/07

Signature [Handwritten Signature]

**TestAmerica**  
ANALYTICAL TESTING CORPORATION



**Bentley Mall  
Groundwater Monitoring Well Report  
2007**

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**Groundwater Analytical Results (MW)  
November 2007**

November 26, 2007

Lyle Gresehover  
Alaska Resources & Environmental Services  
P.O. Box 83050  
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 11/09/07 14:40.  
The following list is a summary of the Work Orders contained in this report, generated on 11/26/07  
15:39.

If you have any questions concerning this report, please feel free to contact me.

---

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
AQK0034	Bentley Mall	[none]

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TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b> P.O. Box 83050 Fairbanks, AK 99708	Project Name:	<b>Bentley Mall</b>	Report Created:
	Project Number:	[none]	11/26/07 15:39
	Project Manager:	Lyle Gresehover	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-1107	AQK0034-01	Water	11/05/07 11:15	11/09/07 14:40
MW2-1107	AQK0034-02	Water	11/05/07 13:37	11/09/07 14:40
MW3-1107	AQK0034-03	Water	11/05/07 16:00	11/09/07 14:40
MW4-1107	AQK0034-04	Water	11/06/07 12:12	11/09/07 14:40
MW5-1107	AQK0034-05	Water	11/06/07 14:30	11/09/07 14:40
MW7-1107	AQK0034-06	Water	11/06/07 16:51	11/09/07 14:40
MW8-1107	AQK0034-07	Water	11/07/07 12:07	11/09/07 14:40
MW9-1107	AQK0034-08	Water	11/07/07 14:28	11/09/07 14:40
MW10-1107	AQK0034-09	Water	11/07/07 16:47	11/09/07 14:40
MW11-1107	AQK0034-10	Water	11/08/07 11:52	11/09/07 14:40
MW12-1107	AQK0034-11	Water	11/08/07 14:12	11/09/07 14:40
MW13-1107	AQK0034-12	Water	11/08/07 16:31	11/09/07 14:40
DUP	AQK0034-13	Water	11/08/07 16:45	11/09/07 14:40
DUP2	AQK0034-14	Water	11/08/07 17:00	11/09/07 14:40
Trip Blank	AQK0034-15	Water	11/05/07 08:00	11/09/07 14:40

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

## Hydrocarbons by GC/FID Headspace

TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-01 (MW1-1107)</b>		<b>Water</b>			<b>Sampled: 11/05/07 11:15</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-02 (MW2-1107)</b>		<b>Water</b>			<b>Sampled: 11/05/07 13:37</b>					
<b>Methane</b>	RSK 175	<b>1.76</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-03 (MW3-1107)</b>		<b>Water</b>			<b>Sampled: 11/05/07 16:00</b>					
<b>Methane</b>	RSK 175	<b>55.8</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-04 (MW4-1107)</b>		<b>Water</b>			<b>Sampled: 11/06/07 12:12</b>					
<b>Methane</b>	RSK 175	<b>4.20</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-05 (MW5-1107)</b>		<b>Water</b>			<b>Sampled: 11/06/07 14:30</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-06 (MW7-1107)</b>		<b>Water</b>			<b>Sampled: 11/06/07 16:51</b>					
<b>Methane</b>	RSK 175	<b>1160</b>	----	51.9	ug/l	43.3x	7110059	11/14/07 10:12	11/14/07 12:35	<b>RL7</b>
Ethane	"	ND	----	10.0	"	1x	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-07 (MW8-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 12:07</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Hydrocarbons by GC/FID Headspace**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-08 (MW9-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 14:28</b>					
Methane	RSK 175	<b>5.31</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-09 (MW10-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 16:47</b>					
Methane	RSK 175	<b>773</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-10 (MW11-1107)</b>		<b>Water</b>			<b>Sampled: 11/08/07 11:52</b>					
Methane	RSK 175	<b>13.9</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-11 (MW12-1107)</b>		<b>Water</b>			<b>Sampled: 11/08/07 14:12</b>					
Methane	RSK 175	<b>34.7</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-12 (MW13-1107)</b>		<b>Water</b>			<b>Sampled: 11/08/07 16:31</b>					
Methane	RSK 175	<b>3.64</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-14 (DUP2)</b>		<b>Water</b>			<b>Sampled: 11/08/07 17:00</b>					
Methane	RSK 175	<b>890</b>	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	
<b>AQK0034-15 (Trip Blank)</b>		<b>Water</b>			<b>Sampled: 11/05/07 08:00</b>					
Methane	RSK 175	ND	----	1.20	ug/l	1x	7110059	11/14/07 10:12	11/14/07 12:35	
Ethane	"	ND	----	10.0	"	"	"	"	"	
Ethene	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-01 (MW1-1107)</b>		<b>Water</b>					<b>Sampled: 11/05/07 11:15</b>			
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 15:10	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>13.5</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>14.1</b>	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
<b>Bromodichloromethane</b>	"	<b>1.38</b>	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>3.53</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

AQK0034-01 (MW1-1107)		Water			Sampled: 11/05/07 11:15					
Bromoform	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 15:10	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>			70.2%		62.9 - 131 %	"				"
<i>Toluene-d8</i>			92.1%		58.7 - 133 %	"				"
<i>4-bromofluorobenzene</i>			91.5%		60.8 - 140 %	"				"

AQK0034-02 (MW2-1107)		Water			Sampled: 11/05/07 13:37					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 15:39	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>18.9</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>7.29</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-02 (MW2-1107)</b>										
		<b>Water</b>					<b>Sampled: 11/05/07 13:37</b>			
Bromochloromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 15:39	
<b>Chloroform</b>	"	<b>1.95</b>	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>5.94</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1820</b>	----	100	"	100x	"	"	11/16/07 08:51	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 15:39	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-02 (MW2-1107)</b>		<b>Water</b>					<b>Sampled: 11/05/07 13:37</b>			
n-Butylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 15:39	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>		74.3%		62.9 - 131 %	"				"
	<i>Toluene-d8</i>		88.1%		58.7 - 133 %	"				"
	<i>4-bromofluorobenzene</i>		92.5%		60.8 - 140 %	"				"

<b>AQK0034-03 (MW3-1107)</b>		<b>Water</b>					<b>Sampled: 11/05/07 16:00</b>			
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/16/07 11:46	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>1.22</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-03 (MW3-1107)</b>		<b>Water</b>			<b>Sampled: 11/05/07 16:00</b>					
trans-1,3-Dichloropropene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/16/07 11:46	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>	<i>77.9%</i>	<i>62.9 - 131 %</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>83.8%</i>	<i>58.7 - 133 %</i>	<i>"</i>	<i>"</i>
	<i>4-bromofluorobenzene</i>	<i>76.9%</i>	<i>60.8 - 140 %</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-04 (MW4-1107)</b>		<b>Water</b>					<b>Sampled: 11/06/07 12:12</b>			
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 16:37	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>2.61</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>10.9</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>227</b>	----	10.0	"	10x	"	"	11/16/07 09:21	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 16:37	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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AQK0034-04 (MW4-1107)		Water			Sampled: 11/06/07 12:12					
Bromoform	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 16:37	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>			74.3%		62.9 - 131 %	"				"
<i>Toluene-d8</i>			86.0%		58.7 - 133 %	"				"
<i>4-bromofluorobenzene</i>			87.2%		60.8 - 140 %	"				"

AQK0034-05 (MW5-1107)		Water			Sampled: 11/06/07 14:30					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 17:06	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>2.14</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-05 (MW5-1107)</b>		<b>Water</b>			<b>Sampled: 11/06/07 14:30</b>					
Bromochloromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 17:06	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>1.54</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>20.3</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-05 (MW5-1107)</b>		<b>Water</b>					<b>Sampled: 11/06/07 14:30</b>			
n-Butylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 17:06	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>			76.3%						62.9 - 131 %
	<i>Toluene-d8</i>			88.0%						58.7 - 133 %
	<i>4-bromofluorobenzene</i>			85.3%						60.8 - 140 %

<b>AQK0034-06 (MW7-1107)</b>		<b>Water</b>					<b>Sampled: 11/06/07 16:51</b>			
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 17:35	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>9.65</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>4.61</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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AQK0034-06 (MW7-1107)		Water			Sampled: 11/06/07 16:51					
trans-1,3-Dichloropropene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 17:35	
<b>Tetrachloroethene</b>	"	<b>5.60</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

Surrogate(s):	Dibromofluoromethane	72.7%	62.9 - 131 %	"	"
	Toluene-d8	87.5%	58.7 - 133 %	"	"
	4-bromofluorobenzene	87.4%	60.8 - 140 %	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-07 (MW8-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 12:07</b>					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 18:04	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>		<b>2.14</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, 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.*





<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-07 (MW8-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 12:07</b>					
Bromoform	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 18:04	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>				73.2%			62.9 - 131 %	"	"	
<i>Toluene-d8</i>				85.3%			58.7 - 133 %	"	"	
<i>4-bromofluorobenzene</i>				84.8%			60.8 - 140 %	"	"	

<b>AQK0034-08 (MW9-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 14:28</b>					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 18:34	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	"	<b>1.89</b>	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>3.18</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-08 (MW9-1107)</b>		<b>Water</b>					<b>Sampled: 11/07/07 14:28</b>			
Bromochloromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 18:34	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>12.0</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>23.0</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-08 (MW9-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 14:28</b>					
n-Butylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 18:34	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>		73.2%		62.9 - 131 %	"				"
	<i>Toluene-d8</i>		85.7%		58.7 - 133 %	"				"
	<i>4-bromofluorobenzene</i>		83.8%		60.8 - 140 %	"				"

<b>AQK0034-09 (MW10-1107)</b>		<b>Water</b>			<b>Sampled: 11/07/07 16:47</b>					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 19:03	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>4.70</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>19.4</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-09 (MW10-1107)</b>		<b>Water</b>					<b>Sampled: 11/07/07 16:47</b>			
trans-1,3-Dichloropropene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 19:03	
<b>Tetrachloroethene</b>	"	<b>114</b>	----	10.0	"	10x	"	"	11/16/07 09:50	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 19:03	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>			<i>77.0%</i>		<i>62.9 - 131 %</i>	<i>"</i>			<i>"</i>
	<i>Toluene-d8</i>			<i>84.6%</i>		<i>58.7 - 133 %</i>	<i>"</i>			<i>"</i>
	<i>4-bromofluorobenzene</i>			<i>83.2%</i>		<i>60.8 - 140 %</i>	<i>"</i>			<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-10 (MW11-1107)</b>		<b>Water</b>			<b>Sampled: 11/08/07 11:52</b>					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 19:32	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>6.92</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>1.18</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>5.37</b>	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
 Fairbanks, AK 99708

Project Name: **Bentley Mall**

Project Number: [none]

Project Manager: Lyle Gresehover

Report Created:

11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

**AQK0034-10 (MW11-1107)**

Water

Sampled: 11/08/07 11:52

Bromoform	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 19:32	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

Surrogate(s): Dibromofluoromethane

75.6%

62.9 - 131 %

"

"

Toluene-d8

86.2%

58.7 - 133 %

"

"

4-bromofluorobenzene

82.5%

60.8 - 140 %

"

"

**AQK0034-11 (MW12-1107)**

Water

Sampled: 11/08/07 14:12

Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:01	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>4.91</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>2.26</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-11 (MW12-1107)</b>		<b>Water</b>					<b>Sampled: 11/08/07 14:12</b>			
Bromochloromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:01	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>33.4</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>492</b>	----	50.0	"	50x	"	"	11/16/07 10:19	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 20:01	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>AQK0034-11 (MW12-1107)</b>		<b>Water</b>					<b>Sampled: 11/08/07 14:12</b>				
n-Butylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:01		
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"		
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"		
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
Naphthalene	"	ND	----	2.00	"	"	"	"	"		
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>		<i>72.9%</i>		<i>62.9 - 131 %</i>	<i>"</i>				<i>"</i>	
	<i>Toluene-d8</i>		<i>87.2%</i>		<i>58.7 - 133 %</i>	<i>"</i>				<i>"</i>	
	<i>4-bromofluorobenzene</i>		<i>84.6%</i>		<i>60.8 - 140 %</i>	<i>"</i>				<i>"</i>	

<b>AQK0034-12 (MW13-1107)</b>		<b>Water</b>					<b>Sampled: 11/08/07 16:31</b>				
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:30		
Chloromethane	"	ND	----	5.00	"	"	"	"	"		
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"		
Bromomethane	"	ND	----	5.00	"	"	"	"	"		
Chloroethane	"	ND	----	1.00	"	"	"	"	"		
<b>Trichlorofluoromethane</b>	"	<b>2.38</b>	----	1.00	"	"	"	"	"		
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"		
Methylene chloride	"	ND	----	10.0	"	"	"	"	"		
Acetone	"	ND	----	25.0	"	"	"	"	"		
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"		
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"		
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"		
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"		
<b>Chloroform</b>	"	<b>2.58</b>	----	1.00	"	"	"	"	"		
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"		
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"		
2-Butanone	"	ND	----	10.0	"	"	"	"	"		
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"		
Benzene	"	ND	----	1.00	"	"	"	"	"		
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"		
Trichloroethene	"	ND	----	1.00	"	"	"	"	"		
Dibromomethane	"	ND	----	1.00	"	"	"	"	"		
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"		
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"		
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"		
Toluene	"	ND	----	1.00	"	"	"	"	"		
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"		

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-12 (MW13-1107)</b>		<b>Water</b>					<b>Sampled: 11/08/07 16:31</b>			
trans-1,3-Dichloropropene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:30	
<b>Tetrachloroethene</b>	"	<b>118</b>	----	10.0	"	10x	"	"	11/16/07 10:48	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 20:30	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>	<i>72.5%</i>	<i>62.9 - 131 %</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>88.2%</i>	<i>58.7 - 133 %</i>	<i>"</i>	<i>"</i>
	<i>4-bromofluorobenzene</i>	<i>87.6%</i>	<i>60.8 - 140 %</i>	<i>"</i>	<i>"</i>

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-13 (DUP)</b>										
		<b>Water</b>					<b>Sampled: 11/08/07 16:45</b>			
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:59	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>20.6</b>	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	"	<b>6.94</b>	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
<b>Chloroform</b>	"	<b>1.91</b>	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
<b>Trichloroethene</b>	"	<b>6.23</b>	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1250</b>	----	100	"	100x	"	"	11/16/07 11:17	
1,1,2-Trichloroethane	"	ND	----	1.00	"	1x	"	"	11/14/07 20:59	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-13 (DUP)</b>		<b>Water</b>			<b>Sampled: 11/08/07 16:45</b>					
Bromoform	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/14/07 20:59	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>			75.1%			62.9 - 131 %	"	"	
	<i>Toluene-d8</i>			84.8%			58.7 - 133 %	"	"	
	<i>4-bromofluorobenzene</i>			85.5%			60.8 - 140 %	"	"	

<b>AQK0034-15 (Trip Blank)</b>		<b>Water</b>			<b>Sampled: 11/05/07 08:00</b>					
Dichlorodifluoromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/16/07 12:15	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	10.0	"	"	"	"	"	
Acetone	"	ND	----	25.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-15 (Trip Blank)</b>		<b>Water</b>					<b>Sampled: 11/05/07 08:00</b>			
Bromochloromethane	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/16/07 12:15	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Benzene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-15 (Trip Blank)</b>		<b>Water</b>			<b>Sampled: 11/05/07 08:00</b>					
n-Butylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	7110109	11/14/07 13:00	11/16/07 12:15	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	"
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	"
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	2.00	"	"	"	"	"	"
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>		78.7%		62.9 - 131 %	"				"
	<i>Toluene-d8</i>		86.2%		58.7 - 133 %	"				"
	<i>4-bromofluorobenzene</i>		78.2%		60.8 - 140 %	"				"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Conventional Chemistry Parameters per APHA/EPA Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-01 (MW1-1107)</b>		<b>Water</b>				<b>Sampled: 11/05/07 11:15</b>				
Total Organic Carbon	EPA 9060	2.14	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 04:09	
<b>AQK0034-02 (MW2-1107)</b>		<b>Water</b>				<b>Sampled: 11/05/07 13:37</b>				
Total Organic Carbon	EPA 9060	5.64	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 04:30	
<b>AQK0034-03 (MW3-1107)</b>		<b>Water</b>				<b>Sampled: 11/05/07 16:00</b>				
Total Organic Carbon	EPA 9060	2.26	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 04:51	
<b>AQK0034-04 (MW4-1107)</b>		<b>Water</b>				<b>Sampled: 11/06/07 12:12</b>				
Total Organic Carbon	EPA 9060	3.35	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 05:11	
<b>AQK0034-05 (MW5-1107)</b>		<b>Water</b>				<b>Sampled: 11/06/07 14:30</b>				
Total Organic Carbon	EPA 9060	1.62	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 05:32	
<b>AQK0034-06 (MW7-1107)</b>		<b>Water</b>				<b>Sampled: 11/06/07 16:51</b>				
Total Organic Carbon	EPA 9060	5.97	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 06:37	
<b>AQK0034-07 (MW8-1107)</b>		<b>Water</b>				<b>Sampled: 11/07/07 12:07</b>				
Total Organic Carbon	EPA 9060	3.39	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 06:57	
<b>AQK0034-08 (MW9-1107)</b>		<b>Water</b>				<b>Sampled: 11/07/07 14:28</b>				
Total Organic Carbon	EPA 9060	2.88	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 07:18	
<b>AQK0034-09 (MW10-1107)</b>		<b>Water</b>				<b>Sampled: 11/07/07 16:47</b>				
Total Organic Carbon	EPA 9060	4.68	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 07:39	
<b>AQK0034-10 (MW11-1107)</b>		<b>Water</b>				<b>Sampled: 11/08/07 11:52</b>				
Total Organic Carbon	EPA 9060	3.79	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 08:00	
<b>AQK0034-11 (MW12-1107)</b>		<b>Water</b>				<b>Sampled: 11/08/07 14:12</b>				
Total Organic Carbon	EPA 9060	8.59	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 08:21	

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Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Conventional Chemistry Parameters per APHA/EPA Methods**  
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>AQK0034-12 (MW13-1107)</b>		<b>Water</b>			<b>Sampled: 11/08/07 16:31</b>					
<b>Total Organic Carbon</b>	EPA 9060	<b>3.18</b>	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 08:42	
<b>AQK0034-14 (DUP2)</b>		<b>Water</b>			<b>Sampled: 11/08/07 17:00</b>					
<b>Total Organic Carbon</b>	EPA 9060	<b>4.49</b>	----	1.00	mg/l	1x	7110553	11/14/07 21:42	11/15/07 09:03	

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results**  
 TestAmerica - Anchorage, AK

**QC Batch: 7110059      Water Preparation Method: RSK**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7110059-BLK1)</b>								Extracted: 11/14/07 10:12						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	11/14/07 12:35	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
<b>LCS (7110059-BS1)</b>								Extracted: 11/14/07 10:12						
Methane	RSK 175	53.5	---	1.20	ug/l	1x	--	57.5	93.0%	(80-120)	--	--	11/14/07 12:35	
Ethane	"	118	---	10.0	"	"	--	112	105%	"	--	--	"	
Ethene	"	143	---	10.0	"	"	--	134	107%	"	--	--	"	
<b>LCS Dup (7110059-BSD1)</b>								Extracted: 11/14/07 10:12						
Methane	RSK 175	52.9	---	1.20	ug/l	1x	--	57.5	92.0%	(80-120)	1.11%	(25)	11/14/07 12:35	
Ethane	"	117	---	10.0	"	"	--	112	104%	"	0.941%	"	"	
Ethene	"	142	---	10.0	"	"	--	134	106%	"	0.945%	"	"	
<b>Duplicate (7110059-DUP1)</b>				QC Source: AQK0034-01				Extracted: 11/14/07 10:12						
Methane	RSK 175	ND	---	1.20	ug/l	1x	ND	--	--	--	53.7%	(35)	11/14/07 12:35	R4
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(17)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	NR	(16.2)	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Spokane, WA

**QC Batch: 7110109**      **Water Preparation Method: GC/MS Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7110109-BLK1)</b>													<b>Extracted: 11/14/07 13:00</b>	
Dichlorodifluoromethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	11/14/07 14:11	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Acetone	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane (EDC)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Spokane, WA

**QC Batch: 7110109**      **Water Preparation Method: GC/MS Volatiles**

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

**Blank (7110109-BLK1)**

Extracted: 11/14/07 13:00

1,1,1,2-Tetrachloroethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	11/14/07 14:11	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

<i>Surrogate(s):</i> Dibromofluoromethane	<i>Recovery:</i> 74.9%	<i>Limits:</i> 62.9-131%	"	11/14/07 14:11
Toluene-d8	87.2%	58.7-133%	"	"
4-bromofluorobenzene	84.0%	60.8-140%	"	"

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
TestAmerica - Spokane, WA

**QC Batch: 7110109**      **Water Preparation Method: GC/MS Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS (7110109-BS1)</b>													<b>Extracted: 11/14/07 13:00</b>	
1,1-Dichloroethene	EPA 8260B	9.36	---	1.00	ug/l	1x	--	10.0	93.6%	(67-137)	--	--	11/14/07 14:40	
Methyl tert-butyl ether	"	11.5	---	1.00	"	"	--	"	115%	(70-130)	--	--	"	
Benzene	"	8.83	---	1.00	"	"	--	"	88.3%	"	--	--	"	
1,2-Dichloroethane (EDC)	"	11.9	---	1.00	"	"	--	"	119%	"	--	--	"	
Trichloroethene	"	10.2	---	1.00	"	"	--	"	102%	(68.1-128)	--	--	"	
Toluene	"	9.34	---	1.00	"	"	--	"	93.4%	(68.8-139)	--	--	"	
Chlorobenzene	"	9.58	---	1.00	"	"	--	"	95.8%	(68.3-123)	--	--	"	
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>107%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>							<i>11/14/07 14:40</i>	
<i>Toluene-d8</i>		<i>92.3%</i>		<i>58.7-133%</i>	<i>"</i>								<i>"</i>	
<i>4-bromofluorobenzene</i>		<i>90.9%</i>		<i>60.8-140%</i>	<i>"</i>								<i>"</i>	

<b>Matrix Spike (7110109-MS1)</b>													<b>QC Source: AQK0034-02</b>		<b>Extracted: 11/14/07 13:00</b>	
1,1-Dichloroethene	EPA 8260B	8.47	---	1.00	ug/l	1x	ND	10.0	84.7%	(63.8-137)	--	--	11/14/07 21:57			
Benzene	"	8.18	---	1.00	"	"	0.554	"	76.3%	(59.7-129)	--	--	"			
Trichloroethene	"	15.0	---	1.00	"	"	5.94	"	90.7%	(75.5-129)	--	--	"			
Toluene	"	9.04	---	1.00	"	"	0.178	"	88.6%	(84.5-127)	--	--	"			
Chlorobenzene	"	9.06	---	1.00	"	"	ND	"	90.6%	(75.8-121)	--	--	"			
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>77.4%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>							<i>11/14/07 21:57</i>			
<i>Toluene-d8</i>		<i>84.6%</i>		<i>58.7-133%</i>	<i>"</i>								<i>"</i>			
<i>4-bromofluorobenzene</i>		<i>85.8%</i>		<i>60.8-140%</i>	<i>"</i>								<i>"</i>			

<b>Matrix Spike Dup (7110109-MSD1)</b>													<b>QC Source: AQK0034-02</b>		<b>Extracted: 11/14/07 13:00</b>	
1,1-Dichloroethene	EPA 8260B	8.54	---	1.00	ug/l	1x	ND	10.0	85.4%	(63.8-137)	0.846% (14)		11/14/07 22:25			
Benzene	"	8.20	---	1.00	"	"	0.554	"	76.5%	(59.7-129)	0.232% (10)		"			
Trichloroethene	"	15.3	---	1.00	"	"	5.94	"	93.6%	(75.5-129)	1.91%	"	"			
Toluene	"	8.95	---	1.00	"	"	0.178	"	87.7%	(84.5-127)	1.03% (12)		"			
Chlorobenzene	"	9.29	---	1.00	"	"	ND	"	92.9%	(75.8-121)	2.51% (11)		"			
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>75.3%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>							<i>11/14/07 22:25</i>			
<i>Toluene-d8</i>		<i>84.1%</i>		<i>58.7-133%</i>	<i>"</i>								<i>"</i>			
<i>4-bromofluorobenzene</i>		<i>86.9%</i>		<i>60.8-140%</i>	<i>"</i>								<i>"</i>			

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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<b>Alaska Resources &amp; Environmental Services</b>	Project Name: <b>Bentley Mall</b>	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	11/26/07 15:39

**Conventional Chemistry Parameters per APHA/EPA Methods - Laboratory Quality Control Results**  
 TestAmerica - Portland, OR

**QC Batch: 7110553      Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7110553-BLK1)</b>								Extracted: 11/14/07 21:42						
Total Organic Carbon	EPA 9060	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	11/15/07 02:20	
<b>LCS (7110553-BS1)</b>								Extracted: 11/14/07 21:42						
Total Organic Carbon	EPA 9060	20.1	---	1.00	mg/l	1x	--	20.0	100%	(85-115)	--	--	11/15/07 02:43	
<b>Duplicate (7110553-DUP1)</b>				QC Source: AQK0034-01				Extracted: 11/14/07 21:42						
Total Organic Carbon	EPA 9060	2.15	---	1.00	mg/l	1x	2.14	--	--	--	0.586% (20)	--	11/15/07 03:04	
<b>Matrix Spike (7110553-MS1)</b>				QC Source: AQK0034-01				Extracted: 11/14/07 21:42						
Total Organic Carbon	EPA 9060	25.6	---	1.01	mg/l	1x	2.14	25.3	92.5%	(75-125)	--	--	11/15/07 03:26	
<b>Matrix Spike Dup (7110553-MSD1)</b>				QC Source: AQK0034-01				Extracted: 11/14/07 21:42						
Total Organic Carbon	EPA 9060	25.0	---	1.01	mg/l	1x	2.14	25.3	90.4%	(75-125)	2.13% (20)	--	11/15/07 03:48	

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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**Alaska Resources & Environmental Services**

P.O. Box 83050  
Fairbanks, AK 99708

Project Name: **Bentley Mall**

Project Number: [none]

Project Manager: Lyle Gresehover

Report Created:

11/26/07 15:39

**Notes and Definitions**

Report Specific Notes:

- R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
- RL7 - Sample required dilution due to high concentrations of target analyte.

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. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- 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.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK



Troy J. Engstrom, Manager

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## CHAIN OF CUSTODY REPORT

Work Order #: **AQK0034**

CLIENT: Alaska Resources and Environmental Services				INVOICE TO: ARES P.O. Box 83050 Fairbanks, Alaska 99708				<b>TURNAROUND REQUEST</b> in Business Days * Organic & Inorganic Analyses <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD: Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD: <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.									
REPORT TO: ARES ADDRESS: P.O. Box 83050 Fairbanks, Alaska 99708				P.O. NUMBER:													
PHONE: (907) 374-3228 FAX: (907) 374-3219				PROJECT NAME: Bentley Mall 11/08/07				PRESERVATIVE									
PROJECT NUMBER:				HCL HCL SULFURIC				REQUESTED ANALYSES									
SAMPLED BY: Lyle Gresehover, Alaska Resources				VOC EPA 8260B				M, E, E * RSK 175									
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		TOC EPA 9060						MATRIX (W, S, O)		# OF CONT.		LOCATION / COMMENTS		TA WO ID	
1 MW1-1107		11/05/2007 1115		X X X						W		7				01	
2 MW2-1107		11/05/2007 1337		X X X						W		7				02	
3 MW3-1107		11/05/2007 1600		X X X						W		7				03	
4 MW4-1107		11/06/2007 1212		X X X						W		7				04	
5 MW5-1107		11/06/2007 1430		X X X						W		7				05	
6 MW7-1107		11/06/2007 1651		X X X						W		7				06	
7 MW8-1107		11/07/2007 1207		X X X						W		7				07	
8 MW9-1107		11/07/2007 1428		X X X						W		7				08	
9 MW10-1107		11/07/2007 1647		X X X						W		7				09	
10 MW11-1107		11/08/2007 1152		X X X						W		7				10	
RELEASED BY: <i>Jason Gresehover</i>				DATE: 11/09/07				RECEIVED BY: <i>Russ Jorntun</i>				DATE: 9 November 07					
PRINT NAME: Jason Gresehover FIRM: ARES				TIME: 0900				PRINT NAME: <i>Russ Jorntun</i> FIRM: JA				TIME: 14.40					
RELEASED BY:				DATE:				RECEIVED BY:				DATE:					
PRINT NAME:				TIME:				PRINT NAME:				TIME:					
ADDITIONAL REMARKS: <b>Level II Reporting Requested (* M, E, E = Methane, Ethane, Ethene)</b>																	
														TEMP: 1.5		PAGE 1 OF 2	

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

## CHAIN OF CUSTODY REPORT

Work Order #: **AQK003A**

CLIENT: Alaska Resources and Environmental Services				INVOICE TO: ARES P.O. Box 83050 Fairbanks, Alaska 99708												<b>TURNAROUND REQUEST</b> in Business Days * Organic & Inorganic Analyses <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 <small>STD.</small> Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 <small>STD.</small> <input type="checkbox"/> OTHER Specify: <small>* Turnaround Requests less than standard may incur Rush Charges.</small>				
REPORT TO: ARES ADDRESS: P.O. Box 83050 Fairbanks, Alaska 99708				P.O. NUMBER:																
PHONE: (907) 374-3226 FAX: (907) 374-3219				PRESERVATIVE																
PROJECT NAME: Bentley Mall 11/08/07				HCL HCL SULFURIC																
PROJECT NUMBER:				REQUESTED ANALYSES																
SAMPLED BY: Lyle Gresehover, Alaska Resources																				
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		VOC EPA 8260B	M, E, E* RSK 175	TOC EPA 9060											MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1 MW12-1107		11/08/2007 1412		X	X	X											W	7		11
2 MW13-1107		11/08/2007 1631		X	X	X											W	7		12
3 DUP		11/08/2007 1645		X													W	3		13
4 DUP2		11/08/2007 1700			X	X											W	4		14
5																				
6																				
7																				
8																				
9																				
10																				
RELEASED BY: <i>Jason Gresehover</i>				DATE: 11/09/07				RECEIVED BY: <i>Race Brunton</i>				DATE: 9 November 07								
PRINT NAME: Jason Gresehover				FIRM: ARES				TIME: 0900				PRINT NAME: Race Brunton				FIRM: TA				
RELEASED BY:				DATE:				RECEIVED BY:				DATE:								
PRINT NAME:				FIRM:				TIME:				PRINT NAME:				FIRM:				
ADDITIONAL REMARKS: <b>Level II Reporting Requested (* M, E, E = Methane, Ethane, Ethene)</b>																TEMP: 1.5	PAGE 2 OF 2			

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

# Test America Cooler Receipt Form

WORK ORDER # AQK0034 CLIENT: ARES PROJECT: Bentley Hall 11/08/07  
Date /Time Cooler Arrived 11 / 09 / 07 14:40 Cooler signed for by: Race Brandon  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received, or \_\_\_\_\_  
Cooler opened by (print) Race Brandon (sign) Race Brandon

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: \_\_\_\_\_  
Shipment Tracking # if applicable gillbrook (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Jason Grossman Date 11/09/07

Were custody seals unbroken and intact on arrival?  Yes  No

3. Were custody papers sealed in a plastic bag?  Yes  No

4. Were custody papers filled out properly (ink, signed, etc.)?  Yes  No

5. Did you sign the custody papers in the appropriate place?  Yes  No

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: solid

Temperature by Digi-Thermo Probe 1.5 °C Thermometer # Rec #3

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler:  bubble wrap  styrofoam  cardboard  Other: \_\_\_\_\_

8. Did samples arrive in plastic bags?  Yes  No

9. Did all bottles arrive unbroken, and with labels in good condition?  Yes  No

10. Are all bottle labels complete (ID, date, time, etc.)  Yes  No

11. Do bottle labels and Chain of Custody agree?  Yes  No

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "No" which containers contained "head space" or bubbles? AQK0034-11B

## Log-in Phase:

Date of sample log-in 11 / 09 / 07  
Samples logged in by (print) Race Brandon (sign) Race Brandon

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No



# **APPENDIX F**

## **Qualifications**

## STATEMENT OF QUALIFICATIONS

### Lyle Gresehover

<b>Education</b>	Bachelor of Science – Geology University of Alaska Fairbanks
<b>Certifications</b>	OSHA 40-Hour HAZWOPER training OSHA 8-Hour HAZWOPER refresher course EPA/AHERA 40-Hour Asbestos Abatement Contractors & Supervisors OSHA On-Site Manager/Supervisor training Confined Space Training Alaska Department of Environmental Conservation Certified Sanitary Survey Inspector/Public water systems USACE Wetlands Delineation certification Alaska Department of Environmental Conservation Qualified Person AK Class A Commercial Drivers License with Hazardous Materials endorsement
<b>Employment</b>	1982 – Present Wray Petroleum Company – Exploration Geologist University of Alaska Fairbanks – Project manager/Superintendent Alaska Department of Environmental Conservation – Environmental Specialist III ENSR Environmental and Engineering – Environmental Geologist Lifewater Engineering – Environmental Geologist/Project Manager Boreal Environmental Services and Technology – Project Manager Alaska Resources and Environmental Services – Owner/Consultant
<b>Technical Specialties</b>	Project Management Environmental Compliance

Air, water, and solid waste permitting  
Multimedia sampling (Air, Groundwater, Surface Water, Soil)  
NEPA Environmental Impact Studies and Documentation  
Environmental Baseline Surveys  
Wetlands delineations and permitting  
Pollution prevention  
Phase I and II Environmental Site Assessments  
Sampling and Analysis Plans  
Field Screening/Contaminated Sites  
Site Characterizations and Release Investigations  
Groundwater and natural attenuation studies  
Groundwater monitoring well development  
Risk Assessment  
Soil Logging/Sieve Analysis  
Hazardous waste identification and compliance