SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

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November 5, 2010

Udelhoven Oilfield Support Systems, Inc.
194 East 53rd Avenue
Anchorage, Alaska 99518

Attn: Mr. Lonny Rhude

RE: LIMITED ENVIRONMENTAL BASELINE STUDY, 360 E. 100TH AVENUE, ANCHORAGE, ALASKA

This letter report documents the results of Shannon & Wilson, Inc.'s soil and water sampling activities at the property at 360 East 100th Avenue, Anchorage, Alaska. The project purpose is to assess the general environmental condition of the site's surface and near-surface soil, as it existed in September and October 2010. The first part of this work was authorized by Mr. Lonny Rhude of Udelhoven Oilfield Support Systems, Inc. (UOSS) on September 20, 2010, and the second part of this work was authorized by Vince Simac of UOSS on October 12, 2010.

Field Activities

Test Pits

Four test pits were advanced to approximately 4 to 5 feet below the ground surface (bgs) on the eastern portion of the property on September 22, 2010. Three of the test pits were placed along the northern edge of the eastern property boundary in the vicinity of the drum storage area on the adjacent property. The forth test pit was positioned on the southern portion of the eastern property boundary behind the office building in an area of reworked fill. Shannon & Wilson's field representative collected field screening samples from each test pit at a rate of 1 sample per vertical foot. One analytical sample was collected from each test pit based on the field screening results. The soil samples from the test pits were submitted to SGS North America Inc.'s (SGS) Anchorage laboratory for analysis of gasoline range organics (GRO) by Alaska Method (AK) 101, diesel range organics (DRO) by AK 102, residual range organics (RRO) by AK 103, volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, and Resource Conservation and Recovery Act (RCRA) metals by EPA Method 6000/7000 Series.

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Because groundwater was encountered at the base of the test pits, one groundwater sample was collected from the test pit that had the highest field screening result at the groundwater interface (Test Pit TP2). The groundwater sample was analyzed for GRO by AK 101, DRO by AK 102, RRO by AK 103, and VOCs by EPA 8260B.

Stockpile Sampling

According to UOSS, the material generated from site grading activities had been placed a stockpile in the northwestern portion of the eastern half of the property. The stockpile was calculated to be approximately 100 cubic yards of material on September 22, 2010. Shannon & Wilson's field representative collected 10 spatially representative field screening samples from the stockpile. Because all of the field screening results were 0.0 parts per million (ppm), a total of four analytical samples (three project samples and one duplicate) were collected from spatially representative locations within the stockpile. The soil samples from the stockpile were submitted to SGS for analysis of GRO by AK 101, DRO by AK 102, RRO by AK 103, aromatic volatile organics (BTEX) by EPA Method 8021B, RCRA metals by EPA Method 6000/7000 Series, and nickel by EPA 6020. UOSS had requested that the stockpiles samples be analyzed for nickel, because of a potential concern with nickel residue associated with sandblasting, which had previously occurred at the property.

Surface Stain Sampling

Numerous surface stains were observed on the eastern portion of the property both during the preliminary site visit conducted on September 15, 2010, and during the September 22, 2010 field activities. Fourteen field screening samples were collected from surface stained soil on the eastern portion of the property. Because all of the field screening results were 0.0 parts per million (ppm), analytical sample locations were selected based on visual and/or olfactory evidence of contamination, spatial representation, and discussions with UOSS during the preliminary site visit. Eight analytical samples were collected from surface stained soil, and were submitted to SGS for analysis of GRO by AK 101, DRO by AK 102, RRO by AK 103, BTEX by EPA Method 8021B, and RCRA metals by EPA Method 6000/7000 Series. The samples collected from the northern portion of the yard (four samples) were also submitted to SGS for analysis of nickel by EPA 6020. One additional analytical sample was collected from the northern portion of the property, and submitted to SGS for analysis of nickel by EPA 6020.

Several surface stains were observed on the western portion of the property during the October 12 and 13, 2010 field activities. Because the ground surface was moist or frozen during the field activities, it was difficult to distinguish discolored soil that was moist or frozen from

soil discolored due to potential hydrocarbon contamination. Seven analytical soil sample locations were selected by UOSS on the western portion of the property, based on previous site photos when the ground surface was dry and UOSS' knowledge of previous site activities. Field screening samples were collected from these locations, and analytical samples were submitted to SGS for analysis of GRO by AK 101, DRO by AK 102, RRO by AK 103, VOCs by EPA Method 8260B, and RCRA metals by EPA Method 6000/7000 Series.

Crawl Space Sampling

One water sample was collected from the crawl space of the on-site building on September 23, 2010. This sample was submitted to SGS for analysis of GRO by AK 101, DRO by AK 102, RRO by AK 103, VOCs by EPA Method 8260B, and RCRA metals by EPA Method 6000/7000 Series.

Results

Samples were transported to SGS using chain-of-custody procedures. Sample locations and descriptions are summarized in Table 1 and Figure 1, the analytical results are summarized in Tables 2 and 3, and copies of the SGS laboratory reports are provided in Attachment 1.

Test Pits

All of the soil samples collected from the test pits contained detectable arsenic, with concentrations ranging from 6.76 mg/kg in Test Pit TP2 to 8.23 mg/kg in Test Pit TP4. All of the soil samples from the test pits also contained detectable chromium, with concentrations ranging from 28.7 mg/kg in Test Pit TP2 to 32.5 mg/kg in Test Pit 4. These concentrations of arsenic and chromium are greater than the most stringent ADEC cleanup levels, but are consistent with typical background concentrations for Anchorage soils. The soil samples also contained detectable concentrations of DRO, RRO, barium, mercury, and lead at concentrations less than the applicable cleanup criteria. The laboratory made several notes about the soil samples collected from the test pits: some samples contained unknown hydrocarbon peaks present for RRO, one sample had a pattern consistent with weathered middle distillate for DRO, and one sample had a pattern consistent with lube oil for RRO.

The groundwater sample collected from the Test Pit TP2 had a reported concentration of 1.85 mg/L RRO, which is greater than the applicable cleanup criterion of 1.1 mg/L. A detectable concentration of DRO was also reported in the groundwater sample, but was less than the applicable cleanup criteria. Other target analytes were not detected in the analytical groundwater

sample. Note that this is considered screening-level data, due to the absence of a developed well and potential bias due to suspended solids.

Stockpile

Each of the four soil samples collected from the stockpile (three project samples and one duplicate) contained arsenic and chromium concentrations greater than the corresponding ADEC cleanup criteria. These arsenic concentrations are consistent with typical background concentrations. However, the chromium concentrations may be indicative of anthropogenic contamination. The soil samples also contained detectable concentrations of RRO, barium, mercury, nickel, and lead at concentrations less than the applicable cleanup criteria. The laboratory noted that the patterns associated with RRO concentrations detected in the soil stockpile samples are consistent with lube oil.

Surface Stain Sampling

Each surface soil sample contained detectable concentrations of DRO and/or RRO. As indicated in Table 1, concentrations of DRO and/or RRO in ten samples exceed the most stringent ADEC cleanup criteria. Moreover, multiple samples contained DRO and/or RRO concentrations that exceed the maximum allowable concentrations under ADEC Method 2 Cleanup Levels (12,500 mg/kg DRO and 22,000 mg/kg RRO). The laboratory noted that the patterns associated with RRO concentrations in most of the surface soil samples are consistent with lube oil.

Surface soil Samples SS1 and SS3 had reported concentrations of 0.214 mg/kg and 70.7 mg/kg tetrachloroethene (PCE), which are greater than the applicable cleanup criterion of 0.024 mg/kg. Other VOCs were detected at concentrations less than the applicable cleanup level.

Most surface soil samples collected from the western portion of the property on October 14, 2010 contained concentrations of arsenic and chromium greater than the most stringent ADEC cleanup criteria, although concentrations of arsenic are consistent with typical background concentrations. Concentrations of chromium in samples from the southwest end of the property (SS1 through SS4 collected on October 14, 2010) appear to be greater than typical background concentrations, and similar in magnitude to the stockpile samples collected from the north side of the property. The surface samples from the eastern portion of the property were not analyzed for chromium. The surface soil samples from the western portion of the property also contained detectable barium, cadmium, lead, mercury, and silver at concentrations less than the

applicable cleanup criteria. The surface soil samples collected from the northeastern portion of the property contained detectable nickel concentrations below the ADEC cleanup criterion.

Crawl Space

The crawl space water sample contained a detectable concentration of DRO, at a concentration less than the applicable cleanup criterion. Other target analytes were not detected in the analytical water sample from the crawl space.

Conclusions

The following areas of concern were identified with the property at 360 E 100th Avenue, based on Shannon & Wilson's sampling activities:

1. DRO and RRO concentrations greater than ADEC cleanup levels were measured in surface soil samples throughout the site.

2. PCE concentrations greater than the ADEC cleanup criterion were measured in surface soil samples from the southwest corner of the property.

3. Chromium was detected above the ADEC cleanup criterion and typical background concentrations in the soil samples collected from the western portion of the property and the stockpile.

4. RRO was detected above the ADEC cleanup criterion in the groundwater sample collected from Test Pit TP2.

Closure/Limitations

This report was prepared for the exclusive use of our client and their representatives in the study of this structure. The findings presented within this report are based on the limited research, sampling, and analyses that we conducted. They should not be construed as definite conclusions regarding the site's soil and water quality. It is possible that our subsurface tests missed higher levels of target analytes, although our intention was to sample areas most likely to be impacted, based on visual observations and information provided by UOSS. As a result, the analyses and sampling performed can only provide you with our professional judgment as to the environmental characteristics of the subject site, and in no way guarantees that an agency or its staff will reach the same conclusions as Shannon & Wilson, Inc. The data presented in this report should be considered representative of the time of our site assessment. Changes in site conditions can occur over time, due to natural forces or human activity. In addition, changes in

government codes, regulations, or laws may occur. Because of such changes beyond our control, our observations and interpretations may need to be revised.

You are advised that various state and federal agencies (ADEC, EPA, etc.) may require the reporting of this information. Shannon & Wilson does not assume the responsibility for reporting these findings and therefore has not, and will not, disclose the results of this study, unless specifically requested by you or as required by law.

Copies of documents that may be relied upon by our client are limited to the printed copies (also known as hard copies) that are signed or sealed by Shannon & Wilson with a wet, blue ink signature. Files provided in electronic media format are furnished solely for the convenience of the client. Any conclusion or information obtained or derived from such electronic files shall be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, or you question the authenticity of the report please contact the undersigned.

Shannon & Wilson has prepared the information in Attachment 2, "Important Information About Your Geotechnical/Environmental Report," to assist you and others in understanding the use and limitations of our report. Please call the undersigned at (907) 561-2120 with questions or comments concerning the contents of this report.

Sincerely,

SHANNON & WILSON, INC.

Matthew S. Hemry, P.E.
Vice President

enc: Tables 1 and 2, Figure 1, Attachments 1 and 2

TABLE 1 - SAMPLE LOCATIONS AND DESCRIPTIONS

Sample Number	Date	Sample Location (See Figure 1)	Depth (feet bgs)	Headspace (ppm) ^	Sample Classification
September 22, 2010					
Test Pits					
Test Pit TP1					
TP1S1	9/22/2010	Test Pit 1, Sample 1	0	0.0	Brown/gray, slightly silty, sandy GRAVEL; moist
TP1S2	9/22/2010	Test Pit 1, Sample 2	1	0.9	Brown/gray, slightly sandy, silty GRAVEL; moist
* TP1S3	9/22/2010	Test Pit 1, Sample 3	2	1.4	Gray, silty, GRAVEL; moist
TP1S4	9/22/2010	Test Pit 1, Sample 4	3	0.0	Gray, gravelly SILT; moist
TP1S5	9/22/2010	Test Pit 1, Sample 5	4	0.0	Gray, gravelly SILT; moist
Test Pit TP2					
TP2S1	9/22/2010	Test Pit 2, Sample 1	0	0.0	Brown, slightly silty, sandy GRAVEL; moist
TP2S2	9/22/2010	Test Pit 2, Sample 2	1	0.9	Brown, slightly silty, sandy GRAVEL; moist
TP2S3	9/22/2010	Test Pit 2, Sample 3	2	0.9	Brown to rust, slightly silty, sandy GRAVEL; moist
TP2S4	9/22/2010	Test Pit 2, Sample 4	3	0.0	Light brown, gravelly SILT; moist
* TP2S5	9/22/2010	Test Pit 2, Sample 5	4	1.9	Brown, silty GRAVEL; moist
Test Pit TP3					
TP3S1	9/22/2010	Test Pit 3, Sample 1	0	0.0	Brown slightly silty, sandy GRAVEL; moist
TP3S2	9/22/2010	Test Pit 3, Sample 2	1	0.0	Brown, slightly sandy, silty GRAVEL; moist
* TP3S3	9/22/2010	Test Pit 3, Sample 3	2	1.6	Brown to rust, silty GRAVEL; moist to wet
TP3S4	9/22/2010	Test Pit 3, Sample 4	3	0.0	Brown, gravelly SILT; moist
TP3S5	9/22/2010	Test Pit 3, Sample 5	4	0.0	Gray, gravelly SILT; moist
Test Pit TP4					
TP4S1	9/22/2010	Test Pit 4, Sample 1	0	0.0	Brown, slightly silty, sandy GRAVEL; moist
* TP4S2	9/22/2010	Test Pit 4, Sample 2	1	0.0	Brown, slightly silty, sandy GRAVEL; moist
TP4S3	9/22/2010	Test Pit 4, Sample 3	2	0.0	Brown, silty GRAVEL; moist
TP4S4	9/22/2010	Test Pit 4, Sample 4	3	0.0	Brown, gravelly SILT; moist
TP4S5	9/22/2010	Test Pit 4, Sample 5	4	0.0	Brown, gravelly SILT; moist
Surface Soil Stain Samples					
* SS1	9/22/2010	Surface Soil Stain Sample 1	0	0.0	Brown, sandy GRAVEL; moist
* SS2	9/22/2010	Surface Soil Stain Sample 2	0	0.0	Brown, silty, sandy GRAVEL; moist
* SS3	9/22/2010	Surface Soil Stain Sample 3	0	0.0	Black, sandy GRAVEL; moist; odor
* SS4	9/22/2010	Surface Soil Stain Sample 4	0	0.0	Brown, sandy GRAVEL; moist

KEY	DESCRIPTION
*	Sample analyzed by the project laboratory (See Tables 2 and 3)
^	Field screening instrument was a ThermoInstruments 580B photoionization detector (PID)
bgs	below ground surface
ppm	parts per million

TABLE 1 - SAMPLE LOCATIONS AND DESCRIPTIONS

Sample Number	Date	Sample Location (See Figure 1)	Depth (feet bgs)	Headspace (ppm) ^	Sample Classification
September 22, 2010					
Surface Soil Stain Samples (Continued)					
SS5	9/22/2010	Surface Soil Stain Sample 5	0	0.0	Brown, sandy GRAVEL; moist
* SS6	9/22/2010	Surface Soil Stain Sample 6	0	0.0	Brown, sandy GRAVEL; moist
SS7	9/22/2010	Surface Soil Stain Sample 7	0	0.0	Brown, sandy GRAVEL; moist
SS8	9/22/2010	Surface Soil Stain Sample 8	0	0.0	Brown, sandy GRAVEL; moist
* SS9	9/22/2010	Surface Soil Stain Sample 9	0	0.0	Brown, sandy GRAVEL; moist
* SS10	9/22/2010	Surface Soil Stain Sample 10	0	0.0	Brown, sandy GRAVEL; moist
SS11	9/22/2010	Surface Soil Stain Sample 11	0	0.0	Brown, sandy GRAVEL; moist
SS12	9/22/2010	Surface Soil Stain Sample 12	0	0.0	Brown, sandy GRAVEL; moist
* SS13	9/22/2010	Surface Soil Stain Sample 13	0	0.0	Brown, sandy GRAVEL; moist
* SS14	9/22/2010	Surface Soil Stain Sample 14	0	0.0	Brown, sandy GRAVEL; moist
Stockpile Samples					
S1S1	9/22/2010	Stockpile 1, Sample 1	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S2	9/22/2010	Stockpile 1, Sample 2	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
* S1S3	9/22/2010	Stockpile 1, Sample 3	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S4	9/22/2010	Stockpile 1, Sample 4	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S5	9/22/2010	Stockpile 1, Sample 5	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
* S1S6	9/22/2010	Stockpile 1, Sample 6	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S7	9/22/2010	Stockpile 1, Sample 7	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S8	9/22/2010	Stockpile 1, Sample 8	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
S1S9	9/22/2010	Stockpile 1, Sample 9	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
* S1S10	9/22/2010	Stockpile 1, Sample 10	0.5-1~	0.0	Brown, slightly silty, sandy GRAVEL; moist
* S1S11	9/22/2010	Duplicate of S1S3	0.5-1~	0.0	Duplicate of S1S3
Water Samples					
* TP2SW1	9/23/2010	Groundwater from Test Pit TP2	4	-	Groundwater
* CSSW1	9/23/2010	Water from Crawl Space	-	-	Water
Quality Control Samples					
* Soil Trip	9/22/2010	Soil Trip Blank	-	-	Ottawa sand with methanol added in the laboratory
* Water Trip	9/22/2010	Water Trip Blank	-	-	Organic-free water blank prepared in the laboratory

KEY	DESCRIPTION
*	Sample analyzed by the project laboratory (See Tables 2 and 3)
^	Field screening instrument was a ThermoInstruments 580B photoionization detector (PID)
bgs	below ground surface
ppm	parts per million
-	Measurement not recorded or not applicable
~	Depths listed for stockpile samples arerelative to the stockpile surface

TABLE 1 - SAMPLE LOCATIONS AND DESCRIPTIONS

Sample Number	Date	Sample Location (See Figure 1)	Depth (feet bgs)	Headspace (ppm) ^	Sample Classification
October 13, 2010					
Surface Soil Stain Samples					
* SS1	10/13/2010	Surface Soil Stain Sample 1	0	8.5	Brown, slightly silty, sandy GRAVEL; moist
* SS2	10/13/2010	Surface Soil Stain Sample 2	0	2.8	Brown, slightly silty, sandy GRAVEL; moist
* SS3	10/13/2010	Surface Soil Stain Sample 3	0	124	Brown, slightly silty, sandy GRAVEL; moist, petroleum odor
* SS4	10/13/2010	Surface Soil Stain Sample 4	0	0.9	Brown, slightly silty, sandy GRAVEL; moist
* SS5	10/13/2010	Surface Soil Stain Sample 5	0	67.5	Dark brownish black, slightly silty, sandy GRAVEL; moist
* SS6	10/13/2010	Surface Soil Stain Sample 6	0	4.8	Brown, slightly silty, sandy GRAVEL; moist
* SS7	10/13/2010	Surface Soil Stain Sample 7	0	0.7	Brown, slightly silty, sandy GRAVEL; moist
SS8	10/13/2010	Duplicate of Sample SS7	0	0.7	Brown, slightly silty, sandy GRAVEL; moist
Quality Control Samples					
* Soil Trip	10/13/2010	Soil Trip Blank	-	-	Ottawa sand with methanol added in the laboratory

KEY	DESCRIPTION
*	Sample analyzed by the project laboratory (See Tables 2 and 3)
^	Field screening instrument was a ThermoInstruments 580B photoionization detector (PID)
bgs	below ground surface
ppm	parts per million
-	Measurement not recorded or not applicable

TABLE 2 - SUMMARY OF SOIL ANALYTICAL RESULTS

			Sample ID Number^, and Collection Depth in Feet						
			Test Pits - 9/22/2010				Surface Soil Stain Samples - 9/22/2010		
Parameter Tested	**Method***	**Cleanup Level (mg/kg)****	TP1S3 2	TP2S5 4	TP3S3 2	TP4S2 1	SS1 0	SS2 0	SS3 0
PID Headspace Reading - ppm	OVM 580B		1.4	1.9	1.6	0.0	0.0	0.0	0.0
Percent Solids - percent	SM20 2540G	-	88.7	89.3	88.8	89.5	97.0	93.8	99.7
Gasoline Range Organics (GRO) - mg/kg	AK 101	300	<4.09	<2.51	<3.23	<3.60	<2.86	<3.94	<4.02
Diesel Range Organics (DRO) - mg/kg	AK 102	250	<22.5	<22.3	<33.1	184	<2,690 J	<1,430	**9,500 J**
Residual Range Organics (RRO) - mg/kg	AK 103	10,000	148	<22.3	154	510	**12,000 J**	4,980 J	**76,000 J**
Volatile Organic Compounds (VOCs)	EPA 8260B	various	ND	ND	ND	ND	-	-	-
Aromatic Volatile Organics (BTEX)	EPA 8021B	various	-	-	-	-	ND	ND	ND
Metals									
Arsenic - mg/kg	SW6020	3.9	**6.87**	**6.76**	**6.88**	**8.23**	-	-	-
Barium - mg/kg	SW6020	1,100	80.8	76.9	81.7	85.2	-	-	-
Cadmium - mg/kg	SW6020	5.0	<0.218	<0.213	<0.209	<0.221	-	-	-
Chromium - mg/kg	SW6020	25	**32.2**	**28.7**	**30.9**	**32.5**	-	-	-
Lead - mg/kg	SW6020	400	6.31	4.73	5.67	8.05	-	-	-
Mercury - mg/kg	SW7471B	1.4	0.0798	0.100	0.0818	0.0827	-	-	-
Nickel - mg/kg	SW6020	86	-	-	-	-	33.6	66.6	18.1
Selenium - mg/kg	SW6020	3.4	<0.545	<0.533	<0.522	<0.552	-	-	-
Silver - mg/kg	SW6020	11.2	<0.109	<0.107	<0.104	<0.110	-	-	-

KEY	DESCRIPTION
*	See Attachment 1 for compounds tested, methods, and laboratory reporting limits
**	Soil cleanup level is the most stringent ADEC Method 2 standard listed in Table B1 or B2, 18 AAC 75 (October 9, 2008), for the "under 40 inches (precipitation) zone"
^	Sample ID No. preceded by "17391" on the chain of custody form
<4.09	Analyte not detected; laboratory reporting limit of 4.09 mg/kg
6.87	Reported concentration exceeds the ADEC cleanup level
76,000	Reported concentration exceeds the ADEC maximum allowable concentration (12,500 mg/kg DRO and 22,000 mg/kg RRO)
-	Not applicable or sample not tested for this analyte
J	Results may be biased low due to surrogate failure
mg/kg	Milligrams per kilogram
ND	Analyte not detcted
ppm	Parts per million

TABLE 2 - SUMMARY OF SOIL ANALYTICAL RESULTS

			Sample ID Number^, and Collection Depth in Feet					
			Surface Soil Stain Samples - 9/22/2010					
Parameter Tested	**Method***	**Cleanup Level (mg/kg)****	SS4 0	SS6 0	SS9 0	SS10 0	SS13 0	SS14 0
PID Headspace Reading - ppm	OVM 580B		0.0	0.0	0.0	0.0	0.0	0.0
Percent Solids - percent	SM20 2540G	-	98.2	96.0	95.2	95.2	89.5	98.2
Gasoline Range Organics (GRO) - mg/kg	AK 101	300	-	<3.53	<2.87	<4.26	<3.68	<2.70
Diesel Range Organics (DRO) - mg/kg	AK 102	250	-	<1,840 J	<1,420 J	<1,740 J	<1,580	<1,350 J
Residual Range Organics (RRO) - mg/kg	AK 103	10,000	-	**10,100 J**	4,080 J	6,760 J	6,730 J	8,640 J
Aromatic Volatile Organics (BTEX)	EPA 8021B	various	-	ND	ND	ND	ND	ND
Metals								
Nickel - mg/kg	SW6020	86	35.0	38.2	-	-	-	-

KEY	DESCRIPTION
*	See Attachment 1 for compounds tested, methods, and laboratory reporting limits
**	Soil cleanup level is the most stringent ADEC Method 2 standard listed in Table B1 or B2, 18 AAC 75 (October 9, 2008), for the "under 40 inches (precipitation) zone"
^	Sample ID No. preceded by "17391" on the chain of custody form
<3.53	Analyte not detected; laboratory reporting limit of 3.53 mg/kg
10,100	Reported concentration exceeds the ADEC cleanup level
-	Not applicable or sample not tested for this analyte
J	Results may be biased low due to surrogate failure
mg/kg	Milligrams per kilogram
ND	Analyte not detcted
ppm	Parts per million

TABLE 2 - SUMMARY OF SOIL ANALYTICAL RESULTS

			Sample ID Number^, and Collection Depth in Feet						
			Surface Soil Stain Samples - 10/13/2010						
Parameter Tested	**Method***	**Cleanup Level (mg/kg)****	SS1 0	SS2 0	SS3 0	SS4 0	SS5 0	SS6 0	SS7 0
PID Headspace Reading - ppm	OVM 580B		8.5	2.8	124	0.9	67.5	4.8	0.7
Percent Solids - percent	SM20 2540G	-	98.5	91.0	92.5	84.3	94.4	96.6	92.9
Gasoline Range Organics (GRO) - mg/kg	AK 101	300	2.46	<3.03	27.3	<3.34	35.1	<3.01	<2.97
Diesel Range Organics (DRO) - mg/kg	AK 102	250	**28,600 J**	**472**	**14,200 J**	**869**	**64,800 J**	**9,050 J**	**11,800 J**
Residual Range Organics (RRO) - mg/kg	AK 103	10,000	**106,000 J**	4,130	**56,800 J**	4,490	**64,500 J**	**16,500 J**	**71,800 J**
Volatile Organic Compounds (VOCs)	EPA 8260B								
Ethylbenezene	EPA 8260B	6.9	<0.0242	<0.0343	<0.026	<0.0332	0.581	<0.0267	<0.033
Isopropylbenezene	EPA 8260B	51	<0.0242	<0.0343	<0.026	<0.0332	0.140	<0.0267	<0.033
4-Isopropyltoluene	EPA 8260B	-	<0.0242	<0.0343	0.0405	<0.0332	0.265	<0.0267	<0.033
Napthalene	EPA 8260B	20	<0.0484	<0.0687	<0.052	<0.0664	4.87	<0.0534	<0.0661
n-Butylbenzene - mg/kg	EPA 8260B	15	0.0259	<0.0343	<0.026	<0.0332	5.06	<0.0267	<0.033
n-Propylbenzene	EPA 8260B	15	<0.0242	<0.0343	<0.026	<0.0332	1.57	<0.0267	<0.033
sec-Butylbenzene	EPA 8260B	12	<0.0242	<0.0343	<0.026	<0.0332	0.605	<0.0267	<0.033
Styrene	EPA 8260B	0.96	<0.0242	<0.0343	0.548	<0.0332	<0.0319	<0.0267	<0.033
Tetrachloroethene (PCE)	EPA 8260B	0.024	**0.214**	<0.0343	**70.7**	<0.0332	<0.0319	<0.0267	<0.033
Toluene	EPA 8260B	6.5	<0.0484	<0.0687	<0.052	<0.0664	0.354	<0.0534	<0.0661
1,3,5-Trimethylbenzene	EPA 8260B	23	<0.0242	<0.0343	<0.026	<0.0332	1.99	<0.0267	<0.033
1,2,4-Trimethlybenzene	EPA 8260B	23	0.0592	<0.0343	<0.026	<0.0664	9.23	<0.0267	<0.0661
2-Butanone (MEK)	EPA 8260B	59	<0.242	<343	0.283	<0.332	<0.319	<0.267	<0.330
M & P Xylenes - mg/kg	EPA 8260B	63	<0.0484	0.152	<0.052	<0.0664	1.95	<0.0534	<0.0661
o-Xylene	EPA 8260B	63	<0.0484	<0.0687	<0.052	<0.0664	1.24	<0.0534	<0.0661
Xylenes (total) - mg/kg	EPA 8260B	63	<0.0484	0.214	<0.104	<0.133	3.19	<0.107	<0.132
Other VOCs	EPA 8260B	various	ND	ND	ND	ND	ND	ND	ND
Metals									
Arsenic - mg/kg	SW6020	3.9	**4.52**	**5.01**	**12.6**	**7.44**	2.30	3.25	**4.38**
Barium - mg/kg	SW6020	1,100	69.7	61.4	83.9	641	44.7	58.1	66.2
Cadmium - mg/kg	SW6020	5.0	<0.197	<0.209	0.288	0.589	<0.212	<0.202	<0.206
Chromium - mg/kg	SW6020	25	**44.3**	**68.2**	**52.9**	**63.9**	**28.1**	23.6	**28.5**
Lead - mg/kg	SW6020	400	8.29	11.1	29.2	11.4	6.50	9.85	20.7
Mercury - mg/kg	SW7471B	1.4	<0.0392	<0.044	<0.0427	<0.0464	<0.0412	<0.414	0.0442
Selenium - mg/kg	SW6020	3.4	<0.492	<0.522	<0.517	<0.572	<0.530	<0.506	<0.515
Silver - mg/kg	SW6020	11.2	<0.0984	0.120	<0.103	0.710	<0.106	<0.101	<0.103

KEY	DESCRIPTION
*	See Attachment 1 for compounds tested, methods, and laboratory reporting limits
**	Soil cleanup level is the most stringent ADEC Method 2 standard listed in Table B1 or B2, 18 AAC 75 (October 9, 2008), for the "under 40 inches (precipitation) zone"
^	Sample ID No. preceded by "17391-002" on the chain of custody form
<3.03	Analyte not detected; laboratory reporting limit of 3.03 mg/kg
-	Not applicable or sample not tested for this analyte
J	Results may be biased low due to surrogate failure
mg/kg	Milligrams per kilogram
ND	Analyte not detcted
ppm	Parts per million

TABLE 2 - SUMMARY OF SOIL ANALYTICAL RESULTS

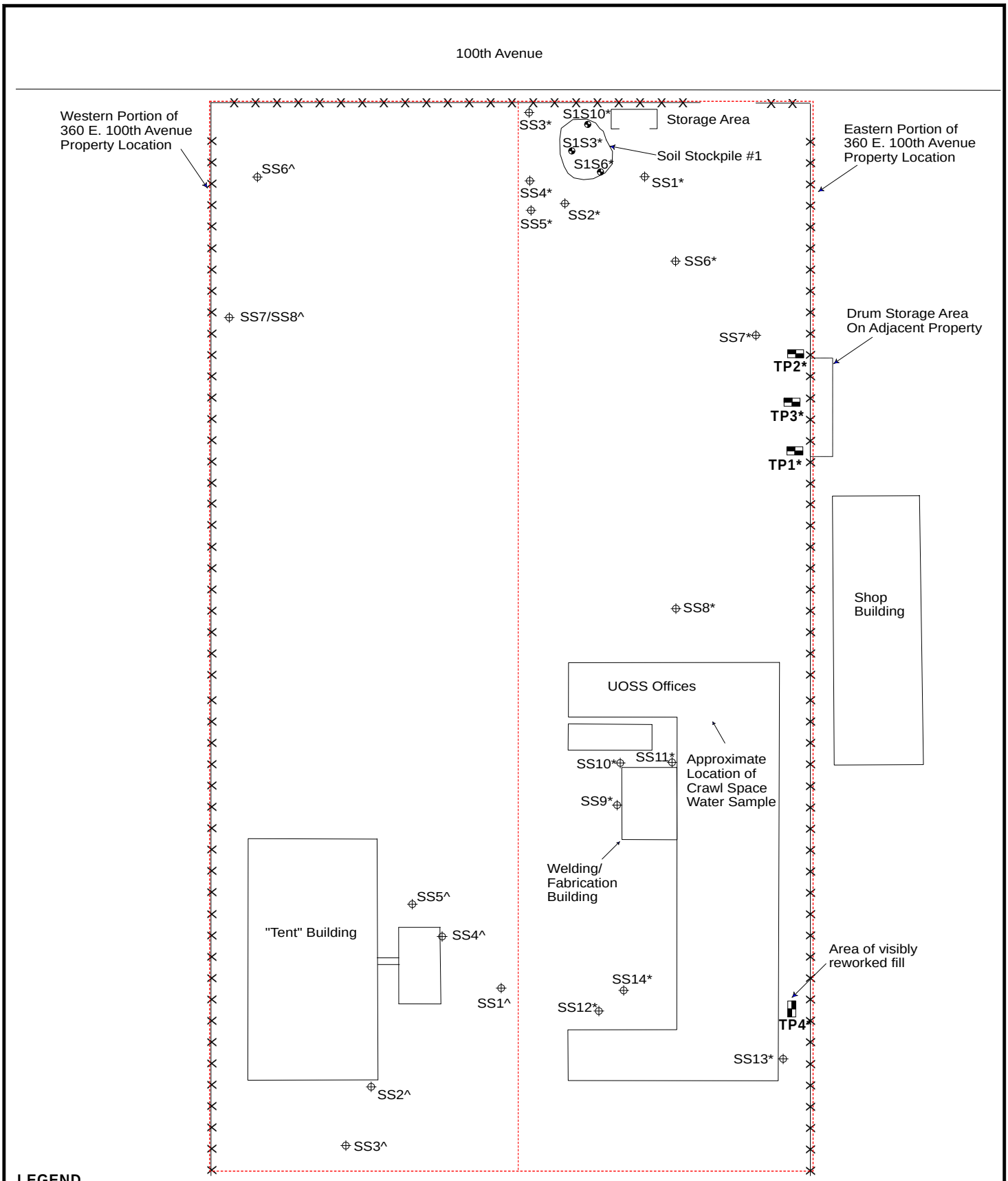
			Sample ID Number^, and Collection Depth in Feet					
			Soil Stockpile Samples 9/22/2010				QC	
							9/22/2010	10/13/2010
Parameter Tested	**Method***	**Cleanup Level (mg/kg)****	S1S3 0	S1S11~ 0	S1S6 0	S1S10 0	Soil Trip Blank -	Soil Trip Blank -
PID Headspace Reading - ppm	OVM 580B		0.0	0.0	0.0	0.0	-	-
Percent Solids - percent	SM20 2540G	-	96.0	96.7	95.3	93.1	-	-
Gasoline Range Organics (GRO) - mg/kg	AK 101	300	<2.19	<2.23	<2.15	<2.47	<2.50	<2.52
Diesel Range Organics (DRO) - mg/kg	AK 102	250	<1,890	<1,650	<1,190	<429	-	-
Residual Range Organics (RRO) - mg/kg	AK 103	10,000	4,700 J	8,610 J	3,980 J	3,450 J	-	-
Aromatic Volatile Organics (BTEX)	EPA 8021B	various	ND	ND	ND	ND	ND	ND
Metals								
Arsenic - mg/kg	SW6020	3.9	**8.09**	**9.42**	**6.98**	**6.59**	-	-
Barium - mg/kg	SW6020	1,100	75.7	80.2	79.9	76.5	-	-
Cadmium - mg/kg	SW6020	5.0	<0.207	<0.202	<0.205	<0.211	-	-
Chromium - mg/kg	SW6020	25	**63.5**	**66.5**	**55.7**	**41.3**	-	-
Lead - mg/kg	SW6020	400	22.0	16.6	45.9	17.0	-	-
Mercury - mg/kg	SW7471B	1.4	<0.0409	0.043	0.0508	0.0538	-	-
Nickel - mg/kg	SW6020	86	46.6	44.2	38.3	37.3	-	-
Selenium - mg/kg	SW6020	3.4	<0.518	<0.504	<0.513	<0.528	-	-
Silver - mg/kg	SW6020	11.2	<0.104	<0.101	<0.103	<0.106	-	-

KEY	DESCRIPTION
*	See Attachment 1 for compounds tested, methods, and laboratory reporting limits
**	Soil cleanup level is the most stringent ADEC Method 2 standard listed in Table B1 or B2, 18 AAC 75 (October 9, 2008), for the "under 40 inches (precipitation) zone"
^	Sample ID No. preceded by "17391" on the chain of custody form
<2.19	Analyte not detected; laboratory reporting limit of 2.19 mg/kg
-	Not applicable or sample not tested for this analyte
~	Duplicate of preceding sample
J	Results may be biased low due to surrogate failure
mg/kg	Milligrams per kilogram
ND	Analyte not detcted
ppm	Parts per million

TABLE 3 - SUMMARY OF WATER ANALYTICAL RESULTS

			Sample ID Number^ and Water Depth in Feet bgs (See Figure 1 and Table 1)		
		Cleanup Level (mg/L)**	Test Pit Groundwater	Crawl Space Water	QC
			TP2SW1	CSSW1	Water Trip Blank
Parameter Tested	**Method***		4.0	-	-
Gasoline Range Organics (GRO) - mg/L	AK101	2.2	<0.100	<0.100	<0.100
Diesel Range Organics (DRO) - mg/L	AK102	1.5	0.956	<0.825	-
Residual Range Organics (RRO) - mg/L	AK103	1.1	**1.85**	0.632	-
Volatile Organic Compounds (VOCs)	EPA 8260B	various	ND	ND	ND

KEY	DESCRIPTION
*	See Appendix C for compounds tested, methods, and laboratory reporting limits
**	Groundwater cleanup levels are listed in Table C, 18 AAC 75.345 (October 9, 2008)
^	Sample ID No. preceded by "17391-" on the chain of custody form
bgs	below the ground surface
mg/L	Milligrams per Liter
ND	Analyte not detcted
<0.100	Analyte not detected; laboratory reporting limit of 0.100 mg/L
-	Not applicable or sample not tested for this analyte
1.85	Concentration exceeds applicable cleanup level



LEGEND

TP1 — Approximate location of Test Pit TP1

SS1 — Approximate location of Surface Soil Sample SS1

S1S1 — Approximate location of Analytical Soil Sample S1 collected from Stockpile 1. Field Screening Soil Samples are not shown on this figure, but are listed in Table 1.

Notes:
*Samples from the Eastern portion of the Property were collected on September 22 and 23, 2010.
^Samples from the Western Portion of the Property were collected on October 13, 2010.

0 75 150
APPROXIMATE SCALE IN FEET

360 E 100th Avenue
Anchorage, Alaska

SITE PLAN

November 2010 17391

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 1

ATTACHMENT 1

RESULTS OF ANALYTICAL TESTING BY

SGS NORTH AMERICA INC.

SGS North America Inc.
Alaska Division
Level II Laboratory Data Report

Project:	17391-002 360 E 100th Ave
Client:	Shannon & Wilson, Inc.
SGS Work Order:	1105536

Released by:

SGS North America
Alaska Division Project Manager

Jennifer Serna 2010.11.02 15:55:22 -08'00'

Contents (Bookmarked in PDF):

Case Narrative

Client	SHANNOT	Shannon & Wilson, Inc.	**Printed Date/Time**	11/2/2010	15:53
Workorder	1105536	17391-002 360 E 100th Ave			

Sample ID **Client Sample ID**

Refer to the sample receipt form for information on sample condition.

1105536001 PS 17391-002-SS1

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
7471B - Mercury- MS/MSD recoveries for mercury were outside of acceptance criteria (biased high). Post digestion spike was successful.

1105536002 PS 17391-002-SS2

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample matrix.
AK102/103 - The pattern is consistent with a lube oil.

1105536003 PS 17391-002-SS3

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
8260B - Sample result for 2-butanone may be estimated due to a bias high CCV. Sample can not be reanalzed at this dilution due to six times rule.

1105536004 PS 17391-002-SS4

AK102 - The pattern is consistent with a weathered middle distillate.
AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105536005 PS 17391-002-SS5

AK102 - The pattern is consistent with a weathered middle distillate.
AK102 - Diesel range organics result is biased high due to heavier hydrocarbons contributing to the middle distillate range.
AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105536006 PS 17391-002-SS6

AK101 - BFB (surrogate) recovery does not meet QC criteria (biased low). Sample was analyzed twice and results confirmed.
AK102/103 - Unknown hydrocarbon with several peaks is present.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
8260B - Sample internal standard recovery for 1,2-dichlorobenzene-D4 does not meet QC criteria (biased low) due to sample matrix. Sample reanalyzed and results confirmed.
8260B - Unknown peaks at retention times 7.382 and 8.416 minutes resemble hexanal and heptanal, respectively.

1105536007 PS 17391-002-SS7

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

997660 * LCS LCS for HBN 912981 [VXX/21503]

8260B - LCS recovery for dichlorodifluoromethane and vinyl chloride does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

997662 * MS 1106807002(997661MS)

8260B - MS recovery for several analytes does not meet QC criteria. Refer to LCS.

997663 * MSD 1106807002(997661MSD)

* QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

Client	SHANNOT	Shannon & Wilson, Inc.	**Printed Date/Time**	11/2/2010	15:53
Workorder	1105536	17391-002 360 E 100th Ave			

Sample ID		**Client Sample ID**

8260B - MSD recovery for several analytes does not meet QC criteria. Refer to LCS.
8260B - MS/MSD RPD for several analytes does not meet QC criteria due to parent sample matrix interference. Refer to additional MS/MSD for RPD.

997690 ***CCV** **CCV for HBN 913180 [VMS/11689]**

8260B - CCV recovery for several analytes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

997701 ***MS** **1105430009(997700MS)**

8260B - MS recovery for dichlorodifluoromethane and tetrachloroethene does not meet QC criteria. Refer to LCS.

997702 ***MSD** **1105430009(997700MSD)**

8260B - MSD recovery for several analytes does not meet QC criteria. Refer to LCS.
8260B - MS/MSD RPD for several analytes does not meet QC criteria. These analytes were not detected above the LOQ in the associated samples.

998397 ***MS** **17391-002-SS1(1105536001MS)**

7471B - Mercury- MS/MSD recoveries for mercury were outside of acceptance criteria (biased high). Post digestion spike was successful.

998398 ***MSD** **17391-002-SS1(1105536001MSD)**

7471B - Mercury- MS/MSD recoveries for mercury were outside of acceptance criteria (biased high). Post digestion spike was successful.

999319 ***LCS** **LCS for HBN 932380 [VXX/21544]**

8260B - LCS recovery for dichlorodifluoromethane, acetone, and 2-hexanone does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

999321 ***MS** **1106852001(999320MS)**

8260B - MS recovery for several analytes does not meet QC criteria (biased high). Refer to LCS.

999322 ***MSD** **1106852001(999320MSD)**

8260B - MSD recovery for several analytes does not meet QC criteria (biased high). Refer to LCS.

999324 ***CCV** **CCV for HBN 932382 [VMS/11714]**

8260B - CCV recoveries for multiple analytes do not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.
8260B - CCV recovery for 2-butanone does not meet QC criteria (biased high). Results may be estimated where detected.

999792 ***MS** **1106844002(999791MS)**

8260B - MS recovery for naphthalene does not meet QC criteria (biased high). Refer to LCS.

* QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

Laboratory Analysis Report

Jessi Morris
Shannon & Wilson, Inc
5430 Fairbanks Street, Suite 3
Anchorage, AK 99518

Work Order:	1105536
	17391-002 360 E 100th Ave
Client:	Shannon & Wilson, Inc.
Report Date:	November 02, 2010

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (<http://www.sgs.com/terms_and_conditions.htm>), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and AK100001 for NELAP (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6010B, 6020, 7470A, 7471B, 8021B, 8081B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, the National Environmental Laboratory Accreditation Program and other regulatory authorities. The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV	Continuing Calibration Verification
CL	Control Limit
D	The analyte concentration is the result of a dilution.
DF	Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
F	Indicates value that is greater than or equal to the DL
GT	Greater Than
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
JL	The analyte was positively identified, but the quantitation is a low estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LOD	Limit of Detection (i.e., 2xDL)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
M	A matrix effect was present.
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
Q	QC parameter out of acceptance range.
R	Rejected
RPD	Relative Percent Difference
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.
All DRO/RRO analyses are integrated per SOP.

SGS North America Inc. | Environmental Division 200 West Potter Drive Anchorage AK 99518 t(907)562.2343 f(907)561.5301
www.ussgs.com Member of SGS Group

Detectable Results Summary

Print Date: 11/2/2010 3:53 pm

Client Sample ID: **17391-002-SS1**

SGS Ref. #: 1105536001

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	4.52	mg/Kg
Barium	69.7	mg/Kg
Chromium	44.3	mg/Kg
Lead	8.29	mg/Kg
Volatile Fuels Department		
Gasoline Range Organics	2.46	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	28600	mg/Kg
Residual Range Organics	106000	mg/Kg
Volatile Gas Chromatography/Mass Spectroscopy		
n-Butylbenzene	25.9	ug/Kg
Tetrachloroethene	214	ug/Kg
1,2,4-Trimethylbenzene	59.2	ug/Kg

Client Sample ID: **17391-002-SS2**

SGS Ref. #: 1105536002

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	5.01	mg/Kg
Barium	61.4	mg/Kg
Chromium	68.2	mg/Kg
Lead	11.1	mg/Kg
Silver	0.120	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	472	mg/Kg
Residual Range Organics	4130	mg/Kg
Volatile Gas Chromatography/Mass Spectroscopy		
P & M -Xylene	152	ug/Kg
Xylenes (total)	214	ug/Kg

Detectable Results Summary

Print Date: 11/2/2010 3:53 pm

Client Sample ID: **17391-002-SS3**

SGS Ref. #: 1105536003

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	12.6	mg/Kg
Barium	83.9	mg/Kg
Cadmium	0.288	mg/Kg
Chromium	52.9	mg/Kg
Lead	29.2	mg/Kg
Volatile Fuels Department		
Gasoline Range Organics	27.3	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	14200	mg/Kg
Residual Range Organics	56800	mg/Kg
Volatile Gas Chromatography/Mass Spectroscopy		
4-Isopropyltoluene	40.5	ug/Kg
Styrene	548	ug/Kg
Tetrachloroethene	70700	ug/Kg
2-Butanone (MEK)	283	ug/Kg

Client Sample ID: **17391-002-SS4**

SGS Ref. #: 1105536004

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	7.44	mg/Kg
Barium	641	mg/Kg
Cadmium	0.589	mg/Kg
Chromium	63.9	mg/Kg
Lead	11.4	mg/Kg
Silver	0.710	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	869	mg/Kg
Residual Range Organics	4490	mg/Kg

Detectable Results Summary

Print Date: 11/2/2010 3:53 pm

Client Sample ID: **17391-002-SS5**

SGS Ref. #: 1105536005

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	2.30	mg/Kg
Barium	44.7	mg/Kg
Chromium	28.1	mg/Kg
Lead	6.50	mg/Kg
Volatile Fuels Department		
Gasoline Range Organics	35.1	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	64800	mg/Kg
Residual Range Organics	64500	mg/Kg
Volatile Gas Chromatography/Mass Spectroscopy		
Toluene	354	ug/Kg
Ethylbenzene	581	ug/Kg
n-Butylbenzene	5060	ug/Kg
1,3,5-Trimethylbenzene	1990	ug/Kg
4-Isopropyltoluene	265	ug/Kg
n-Propylbenzene	1570	ug/Kg
sec-Butylbenzene	605	ug/Kg
P & M -Xylene	1950	ug/Kg
Naphthalene	4870	ug/Kg
o-Xylene	1240	ug/Kg
Xylenes (total)	3190	ug/Kg
1,2,4-Trimethylbenzene	9230	ug/Kg
Isopropylbenzene (Cumene)	140	ug/Kg

Client Sample ID: **17391-002-SS6**

SGS Ref. #: 1105536006

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	3.25	mg/Kg
Barium	58.1	mg/Kg
Chromium	23.6	mg/Kg
Lead	9.85	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	9050	mg/Kg
Residual Range Organics	16500	mg/Kg

Detectable Results Summary

Print Date: 11/2/2010 3:53 pm

Client Sample ID: **17391-002-SS7**

SGS Ref. #: 1105536007

Parameter	Result	Units
Metals Department		
Mercury	44.2	ug/Kg
Metals by ICP/MS		
Arsenic	4.38	mg/Kg
Barium	66.2	mg/Kg
Chromium	28.5	mg/Kg
Lead	20.7	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	11800	mg/Kg
Residual Range Organics	71800	mg/Kg

SGS Ref.#	1105536001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:30
Client Sample ID	17391-002-SS1	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
7471B - Mercury- MS/MSD recoveries for mercury were outside of acceptance criteria (biased high). Post digestion spike was successful.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	39.2 U	39.2	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	4.52	0.984	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	69.7	0.295	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.197 U	0.197	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	44.3	0.394	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	8.29	0.197	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.492 U	0.492	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.0984 U	0.0984	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	2.46	2.22	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	75.6		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	28600	9830	mg/Kg	AK102	A		10/14/10	10/18/10	LCE
Residual Range Organics	106000	9830	mg/Kg	AK103	A		10/14/10	10/18/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/18/10	LCE

SGS Ref.#	1105536001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:30
Client Sample ID	17391-002-SS1	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/18/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	59.2	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromo-3-chloropropane	96.7 U	96.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	242 U	242	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	242 U	242	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	242 U	242	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:30
Client Sample ID	17391-002-SS1	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Benzene	12.1 U	12.1	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromodichloromethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	193 U	193	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	96.7 U	96.7	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	193 U	193	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	96.7 U	96.7	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	96.7 U	96.7	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
n-Butylbenzene	25.9	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
n-Propylbenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:30
Client Sample ID	17391-002-SS1	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Tetrachloroethene	214	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Toluene	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,3-Dichloropropene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	48.4 U	48.4	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	24.2 U	24.2	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	96.7 U	96.7	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	94.7		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	91		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	103		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	98.5		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:40
Client Sample ID	17391-002-SS2	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample matrix.
AK102/103 - The pattern is consistent with a lube oil.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	44.0 U	44.0	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	5.01	1.04	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	61.4	0.313	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.209 U	0.209	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	68.2	0.417	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	11.1	0.209	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.522 U	0.522	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.120	0.104	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	3.03 U	3.03	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	97.3		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	472	166	mg/Kg	AK102	A		10/14/10	10/18/10	LCE
Residual Range Organics	4130	166	mg/Kg	AK103	A		10/14/10	10/18/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/18/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/18/10	LCE

SGS Ref.#	1105536002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:40
Client Sample ID	17391-002-SS2	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromo-3-chloropropane	137 U	137	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	343 U	343	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	343 U	343	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	343 U	343	ug/Kg	SW8260B	B			10/22/10	JPI
Benzene	17.2 U	17.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:40
Client Sample ID	17391-002-SS2	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	275 U	275	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	137 U	137	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	275 U	275	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	137 U	137	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	137 U	137	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
n-Butylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
n-Propylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	152	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Tetrachloroethene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Toluene	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:40
Client Sample ID	17391-002-SS2	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	68.7 U	68.7	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	34.3 U	34.3	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	214	137	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	96.9		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	90.9		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	99.1		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	91.0		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:50
Client Sample ID	17391-002-SS3	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
8260B - Sample result for 2-butanone may be estimated due to a bias high CCV. Sample can not be reanalzed at this dilution due to six times rule.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	42.7 U	42.7	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	12.6	1.03	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	83.9	0.310	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.288	0.207	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	52.9	0.414	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	29.2	0.207	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.517 U	0.517	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.103 U	0.103	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	27.3	3.30	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	76.8		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	14200	2300	mg/Kg	AK102	A		10/14/10	10/17/10	LCE
Residual Range Organics	56800	2300	mg/Kg	AK103	A		10/14/10	10/17/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/17/10	LCE

SGS Ref.#	1105536003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:50
Client Sample ID	17391-002-SS3	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/17/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromo-3-chloropropane	104 U	104	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	283	260	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	260 U	260	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	40.5	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	260 U	260	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:50
Client Sample ID	17391-002-SS3	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Benzene	13.0 U	13.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromodichloromethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	208 U	208	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	104 U	104	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	208 U	208	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	104 U	104	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	104 U	104	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
n-Butylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
n-Propylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	548	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 13:50
Client Sample ID	17391-002-SS3	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Tetrachloroethene	70700	2600	ug/Kg	SW8260B	B			10/25/10	JPI
Toluene	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,3-Dichloropropene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	52.0 U	52.0	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	26.0 U	26.0	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	104 U	104	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	90.7		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	94.8		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	104		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	92.5		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:05
Client Sample ID	17391-002-SS4	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102 - The pattern is consistent with a weathered middle distillate.
AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	46.4 U	46.4	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	7.44	1.14	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	641	0.343	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.589	0.229	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	63.9	0.457	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	11.4	0.229	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.572 U	0.572	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.710	0.114	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	3.34 U	3.34	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	99.8		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	869	486	mg/Kg	AK102	A		10/14/10	10/18/10	LCE
Residual Range Organics	4490	486	mg/Kg	AK103	A		10/14/10	10/18/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/18/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/18/10	LCE

SGS Ref.#	1105536004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:05
Client Sample ID	17391-002-SS4	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Semivolatile Organic Fuels Department

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
1,1,1,2-Tetrachloroethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromo-3-chloropropane	133 U	133	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	332 U	332	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	332 U	332	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	332 U	332	ug/Kg	SW8260B	B			10/22/10	JPI
Benzene	16.6 U	16.6	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:05
Client Sample ID	17391-002-SS4	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromodichloromethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	266 U	266	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	133 U	133	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	266 U	266	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	133 U	133	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	133 U	133	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
n-Butylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
n-Propylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Tetrachloroethene	33.2 U	33.2	ug/Kg	SW8260B	B			10/25/10	JPI

SGS Ref.#	1105536004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:05
Client Sample ID	17391-002-SS4	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Toluene	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,3-Dichloropropene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	66.4 U	66.4	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	33.2 U	33.2	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	133 U	133	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	97.7		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	94.8		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	99.1		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	84.3		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536005		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:20
Client Sample ID	17391-002-SS5	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102 - The pattern is consistent with a weathered middle distillate.
AK102 - Diesel range organics result is biased high due to heavier hydrocarbons contributing to the middle distillate range.
AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	41.2 U	41.2	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	2.30	1.06	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	44.7	0.318	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.212 U	0.212	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	28.1	0.424	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	6.50	0.212	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.530 U	0.530	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.106 U	0.106	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	35.1	2.43	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	101		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	64800	3020	mg/Kg	AK102	A		10/14/10	10/18/10	LCE
Residual Range Organics	64500	3020	mg/Kg	AK103	A		10/14/10	10/18/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/18/10	LCE

SGS Ref.#	1105536005		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:20
Client Sample ID	17391-002-SS5	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/18/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	63.9 U	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	63.9 U	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	9230	639	ug/Kg	SW8260B	B			10/27/10	SCL
1,2-Dibromo-3-chloropropane	128 U	128	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	1990	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	319 U	319	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	319 U	319	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	265	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	319 U	319	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536005		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:20
Client Sample ID	17391-002-SS5	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Benzene	16.0 U	16.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Bromodichloromethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	256 U	256	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	128 U	128	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	256 U	256	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	63.9 U	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	581	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	63.9 U	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	140	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	128 U	128	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	128 U	128	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	4870	639	ug/Kg	SW8260B	B			10/27/10	SCL
n-Butylbenzene	5060	319	ug/Kg	SW8260B	B			10/27/10	SCL
n-Propylbenzene	1570	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	1240	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	1950	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	605	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536005		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:20
Client Sample ID	17391-002-SS5	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Tetrachloroethene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Toluene	354	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,3-Dichloropropene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	63.9 U	63.9	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	31.9 U	31.9	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	3190	128	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	97.3		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	90.3		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	102		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	94.4		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536006		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:30
Client Sample ID	17391-002-SS6	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK101 - BFB (surrogate) recovery does not meet QC criteria (biased low). Sample was analyzed twice and results confirmed.
AK102/103 - Unknown hydrocarbon with several peaks is present.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.
8260B - Sample internal standard recovery for 1,2-dichlorobenzene-D4 does not meet QC criteria (biased low) due to sample matrix. Sample reanalyzed and results confirmed.
8260B - Unknown peaks at retention times 7.382 and 8.416 minutes resemble hexanal and heptanal, respectively.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	41.4 U	41.4	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	3.25	1.01	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	58.1	0.303	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.202 U	0.202	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	23.6	0.405	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	9.85	0.202	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.506 U	0.506	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.101 U	0.101	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	3.01 U	3.01	mg/Kg	AK101	B			10/16/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	42.1 !		%	AK101	B	50-150		10/16/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	9050	1050	mg/Kg	AK102	A		10/14/10	10/18/10	LCE
Residual Range Organics	16500	1050	mg/Kg	AK103	A		10/14/10	10/18/10	LCE

SGS Ref.#	1105536006		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:30
Client Sample ID	17391-002-SS6	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
Surrogates									
5a Androstane <surr>	0	!	%	AK102	A	50-150	10/14/10	10/18/10	LCE
n-Triacontane-d62 <surr>	0	!	%	AK103	A	50-150	10/14/10	10/18/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	53.4 U	53.4	ug/Kg	SW8260B	B			10/25/10	JPI
1,1,2-Trichloroethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	53.4 U	53.4	ug/Kg	SW8260B	B			10/25/10	JPI
1,2,3-Trichloropropane	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
1,2,4-Trichlorobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
1,2,4-Trimethylbenzene	53.4 U	53.4	ug/Kg	SW8260B	B			10/25/10	JPI
1,2-Dibromo-3-chloropropane	107 U	107	ug/Kg	SW8260B	B			10/25/10	JPI
1,2-Dibromoethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
1,2-Dichloroethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
1,3-Dichlorobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
1,3-Dichloropropane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
2,2-Dichloropropane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	267 U	267	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
2-Hexanone	267 U	267	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536006		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:30
Client Sample ID	17391-002-SS6	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
4-Chlorotoluene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
4-Methyl-2-pentanone (MIBK)	267 U	267	ug/Kg	SW8260B	B			10/22/10	JPI
Benzene	13.3 U	13.3	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
Bromochloromethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Bromodichloromethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	214 U	214	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	107 U	107	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	214 U	214	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	53.4 U	53.4	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	53.4 U	53.4	ug/Kg	SW8260B	B			10/25/10	JPI
Isopropylbenzene (Cumene)	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	107 U	107	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	107 U	107	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	53.4 U	53.4	ug/Kg	SW8260B	B			10/25/10	JPI
n-Butylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
n-Propylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
o-Xylene	53.4 U	53.4	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	53.4 U	53.4	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536006		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:30
Client Sample ID	17391-002-SS6	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
sec-Butylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
Styrene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	26.7 U	26.7	ug/Kg	SW8260B	B			10/25/10	JPI
Tetrachloroethene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Toluene	53.4 U	53.4	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,3-Dichloropropene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	53.4 U	53.4	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	26.7 U	26.7	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	107 U	107	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	97.3		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	122		%	SW8260B	B	68-136		10/25/10	JPI
Toluene-d8 <surr>	111		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	96.6		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536007		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:45
Client Sample ID	17391-002-SS7	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	44.2	42.6	ug/Kg	SW7471B	A		10/19/10	10/19/10	SMH
Metals by ICP/MS									
Arsenic	4.38	1.03	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Barium	66.2	0.309	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Cadmium	0.206 U	0.206	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Chromium	28.5	0.412	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Lead	20.7	0.206	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Selenium	0.515 U	0.515	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Silver	0.103 U	0.103	mg/Kg	SW6020	A		10/15/10	10/18/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	2.97 U	2.97	mg/Kg	AK101	B			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	87.3		%	AK101	B	50-150		10/14/10	EAB
Semivolatile Organic Fuels Department									
Diesel Range Organics	11800	1760	mg/Kg	AK102	A		10/14/10	10/17/10	LCE
Residual Range Organics	71800	3510	mg/Kg	AK103	A		10/14/10	10/19/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	10/14/10	10/17/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	10/14/10	10/19/10	LCE

SGS Ref.#	1105536007		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:45
Client Sample ID	17391-002-SS7	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,1-Trichloroethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2,2-Tetrachloroethane	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
1,1,2-Trichloroethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloroethene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,1-Dichloropropene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichlorobenzene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,3-Trichloropropane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trichlorobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2,4-Trimethylbenzene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromo-3-chloropropane	132 U	132	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dibromoethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichlorobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloroethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,2-Dichloropropane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3,5-Trimethylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichlorobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,3-Dichloropropane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
1,4-Dichlorobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
2,2-Dichloropropane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
2-Butanone (MEK)	330 U	330	ug/Kg	SW8260B	B			10/22/10	JPI
2-Chlorotoluene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
2-Hexanone	330 U	330	ug/Kg	SW8260B	B			10/22/10	JPI
4-Chlorotoluene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
4-Isopropyltoluene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
4-Methyl-2-pentanone (MIBK)	330 U	330	ug/Kg	SW8260B	B			10/22/10	JPI
Benzene	16.5 U	16.5	ug/Kg	SW8260B	B			10/22/10	JPI
Bromobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromochloromethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536007		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:45
Client Sample ID	17391-002-SS7	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromoform	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Bromomethane	264 U	264	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon disulfide	132 U	132	ug/Kg	SW8260B	B			10/22/10	JPI
Carbon tetrachloride	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chlorobenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroethane	264 U	264	ug/Kg	SW8260B	B			10/22/10	JPI
Chloroform	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Chloromethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,2-Dichloroethene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
cis-1,3-Dichloropropene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromochloromethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dibromomethane	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Dichlorodifluoromethane	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
Ethylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Hexachlorobutadiene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
Isopropylbenzene (Cumene)	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Methylene chloride	132 U	132	ug/Kg	SW8260B	B			10/22/10	JPI
Methyl-t-butyl ether	132 U	132	ug/Kg	SW8260B	B			10/22/10	JPI
Naphthalene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
n-Butylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
n-Propylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
o-Xylene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
P & M -Xylene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
sec-Butylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Styrene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
tert-Butylbenzene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Tetrachloroethene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Toluene	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
trans-1,2-Dichloroethene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI

SGS Ref.#	1105536007		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 14:45
Client Sample ID	17391-002-SS7	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Trichloroethene	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Trichlorofluoromethane	66.1 U	66.1	ug/Kg	SW8260B	B			10/22/10	JPI
Vinyl chloride	33.0 U	33.0	ug/Kg	SW8260B	B			10/22/10	JPI
Xylenes (total)	132 U	132	ug/Kg	SW8260B	B			10/22/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	98.8		%	SW8260B	B	80-117		10/22/10	JPI
4-Bromofluorobenzene <surr>	95.4		%	SW8260B	B	68-136		10/22/10	JPI
Toluene-d8 <surr>	99.7		%	SW8260B	B	85-121		10/22/10	JPI
Solids									
Total Solids	92.9		%	SM20 2540G	A			10/14/10	SHA

SGS Ref.#	1105536009		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 8:00
Client Sample ID	Trip Blank	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	2.52 U	2.52	mg/Kg	AK101	A			10/14/10	EAB
Surrogates									
4-Bromofluorobenzene <surr>	91.5		%	AK101	A	50-150		10/14/10	EAB
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,1,1-Trichloroethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,1,2,2-Tetrachloroethane	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
1,1,2-Trichloroethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,1-Dichloroethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,1-Dichloroethene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,1-Dichloropropene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2,3-Trichlorobenzene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
1,2,3-Trichloropropane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2,4-Trichlorobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2,4-Trimethylbenzene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
1,2-Dibromo-3-chloropropane	101 U	101	ug/Kg	SW8260B	A			10/17/10	JPI
1,2-Dibromoethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2-Dichlorobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2-Dichloroethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,2-Dichloropropane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,3,5-Trimethylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,3-Dichlorobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,3-Dichloropropane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
1,4-Dichlorobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
2,2-Dichloropropane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI

SGS Ref.#	1105536009		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 8:00
Client Sample ID	Trip Blank	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
2-Butanone (MEK)	252 U	252	ug/Kg	SW8260B	A			10/17/10	JPI
2-Chlorotoluene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
2-Hexanone	252 U	252	ug/Kg	SW8260B	A			10/17/10	JPI
4-Chlorotoluene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
4-Isopropyltoluene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
4-Methyl-2-pentanone (MIBK)	252 U	252	ug/Kg	SW8260B	A			10/17/10	JPI
Benzene	12.6 U	12.6	ug/Kg	SW8260B	A			10/17/10	JPI
Bromobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Bromochloromethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Bromodichloromethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Bromoform	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Bromomethane	201 U	201	ug/Kg	SW8260B	A			10/17/10	JPI
Carbon disulfide	101 U	101	ug/Kg	SW8260B	A			10/17/10	JPI
Carbon tetrachloride	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Chlorobenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Chloroethane	201 U	201	ug/Kg	SW8260B	A			10/17/10	JPI
Chloroform	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Chloromethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
cis-1,2-Dichloroethene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
cis-1,3-Dichloropropene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Dibromochloromethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Dibromomethane	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Dichlorodifluoromethane	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
Ethylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Hexachlorobutadiene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
Isopropylbenzene (Cumene)	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Methylene chloride	101 U	101	ug/Kg	SW8260B	A			10/17/10	JPI
Methyl-t-butyl ether	101 U	101	ug/Kg	SW8260B	A			10/17/10	JPI
Naphthalene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
n-Butylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI

SGS Ref.#	1105536009		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	11/02/2010 15:53
Project Name/#	17391-002 360 E 100th Ave	**Collected Date/Time**	10/13/2010 8:00
Client Sample ID	Trip Blank	**Received Date/Time**	10/13/2010 16:15
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
n-Propylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
o-Xylene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
P & M -Xylene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
sec-Butylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Styrene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
tert-Butylbenzene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Tetrachloroethene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Toluene	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
trans-1,2-Dichloroethene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
trans-1,3-Dichloropropene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Trichloroethene	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Trichlorofluoromethane	50.3 U	50.3	ug/Kg	SW8260B	A			10/17/10	JPI
Vinyl chloride	25.2 U	25.2	ug/Kg	SW8260B	A			10/17/10	JPI
Xylenes (total)	101 U	101	ug/Kg	SW8260B	A			10/17/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	108		%	SW8260B	A	80-117		10/17/10	JPI
4-Bromofluorobenzene <surr>	105		%	SW8260B	A	68-136		10/17/10	JPI
Toluene-d8 <surr>	104		%	SW8260B	A	85-121		10/17/10	JPI

SGS Ref.#	997118	Method Blank	**Printed Date/Time**		11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	XXX23897
Project Name/#	17391-002 360 E 100th Ave			**Method**	SW3550C
Matrix	Soil/Solid (dry weight)			**Date**	10/14/2010

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Semivolatile Organic Fuels Department					
Diesel Range Organics				mg/Kg	10/18/10
Surrogates					
5a Androstane <surr>	88.1	60-120		%	10/18/10
Batch XFC9589					
Method AK102					
Instrument HP 6890 Series II FID SV D R					
Residual Range Organics				mg/Kg	10/18/10
Surrogates					
n-Triacontane-d62 <surr>	101	60-120		%	10/18/10
Batch XFC9589					
Method AK103					
Instrument HP 6890 Series II FID SV D R					

SGS Ref.#	997174	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536007, 1105536009

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Fuels Department					
Gasoline Range Organics	1.50 U	2.50	0.750	mg/Kg	10/14/10
Surrogates					
4-Bromofluorobenzene <surr>	86.4	50-150		%	10/14/10

Batch VFC10230
Method AK101
Instrument HP 5890 Series II PID+HECD VBA

SGS Ref.#	997187	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Solids					
Total Solids	100			%	10/14/10
Batch	SPT8265				
Method	SM20 2540G				
Instrument					

SGS Ref.#	997460 Method Blank	**Printed Date/Time**	11/02/2010 15:53	
Client Name	Shannon & Wilson, Inc.	**Prep**	**Batch**	MXX23667
Project Name/#	17391-002 360 E 100th Ave		**Method**	SW3050B
Matrix	Soil/Solid (dry weight)		**Date**	10/15/2010

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Metals by ICP/MS					
Arsenic	0.620 U	1.00	0.310	mg/Kg	10/18/10
Barium	0.188 U	0.300	0.0940	mg/Kg	10/18/10
Cadmium	0.124 U	0.200	0.0620	mg/Kg	10/18/10
Chromium	0.240 U	0.400	0.120	mg/Kg	10/18/10
Lead	0.124 U	0.200	0.0620	mg/Kg	10/18/10
Selenium	0.300 U	0.500	0.150	mg/Kg	10/18/10
Silver	0.0620 U	0.100	0.0310	mg/Kg	10/18/10

Batch MMS6750
Method SW6020
Instrument Perkin Elmer Sciex ICP-MS P3

SGS Ref.#	997561	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536006

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Fuels Department					
Gasoline Range Organics	1.50 U	2.50	0.750	mg/Kg	10/15/10
Surrogates					
4-Bromofluorobenzene <surr>	91.8	50-150		%	10/15/10

Batch VFC10234
Method AK101
Instrument HP 5890 Series II PID+HECD VBA

SGS Ref.#	997659	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536009

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	997659	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,1,1,2-Tetrachloroethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,1,1-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,1,2,2-Tetrachloroethane	30.0 U	50.0	15.0	ug/Kg	10/17/10
1,1,2-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,1-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,1-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,1-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2,3-Trichlorobenzene	30.0 U	50.0	15.0	ug/Kg	10/17/10
1,2,3-Trichloropropane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2,4-Trichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	10/17/10
1,2-Dibromo-3-chloropropane	62.0 U	100	31.0	ug/Kg	10/17/10
1,2-Dibromoethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,3,5-Trimethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,3-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,3-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/17/10
1,4-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
2,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/17/10
2-Butanone (MEK)	156 U	250	78.0	ug/Kg	10/17/10
2-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/17/10
2-Hexanone	156 U	250	78.0	ug/Kg	10/17/10
4-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/17/10
4-Isopropyltoluene	15.6 U	25.0	7.80	ug/Kg	10/17/10
4-Methyl-2-pentanone (MIBK)	156 U	250	78.0	ug/Kg	10/17/10
Benzene	7.80 U	12.5	3.90	ug/Kg	10/17/10
Bromobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Bromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
Bromodichloromethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
Bromoform	15.6 U	25.0	7.80	ug/Kg	10/17/10
Bromomethane	124 U	200	62.0	ug/Kg	10/17/10
Carbon disulfide	62.0 U	100	31.0	ug/Kg	10/17/10
Carbon tetrachloride	15.6 U	25.0	7.80	ug/Kg	10/17/10
Chlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Chloroethane	124 U	200	62.0	ug/Kg	10/17/10
Chloroform	15.6 U	25.0	7.80	ug/Kg	10/17/10
Chloromethane	15.6 U	25.0	7.80	ug/Kg	10/17/10

SGS Ref.#	997659	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
cis-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/17/10
cis-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Dibromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
Dibromomethane	15.6 U	25.0	7.80	ug/Kg	10/17/10
Dichlorodifluoromethane	30.0 U	50.0	15.0	ug/Kg	10/17/10
Ethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Hexachlorobutadiene	30.0 U	50.0	15.0	ug/Kg	10/17/10
Isopropylbenzene (Cumene)	15.6 U	25.0	7.80	ug/Kg	10/17/10
Methylene chloride	62.0 U	100	31.0	ug/Kg	10/17/10
Methyl-t-butyl ether	62.0 U	100	31.0	ug/Kg	10/17/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	10/17/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
n-Propylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	10/17/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	10/17/10
sec-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Styrene	15.6 U	25.0	7.80	ug/Kg	10/17/10
tert-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Tetrachloroethene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Toluene	30.0 U	50.0	15.0	ug/Kg	10/17/10
trans-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/17/10
trans-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Trichloroethene	15.6 U	25.0	7.80	ug/Kg	10/17/10
Trichlorofluoromethane	30.0 U	50.0	15.0	ug/Kg	10/17/10
Vinyl chloride	15.6 U	25.0	7.80	ug/Kg	10/17/10
Xylenes (total)	62.0 U	100	31.0	ug/Kg	10/17/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	104	80-117		%	10/17/10
4-Bromofluorobenzene <surr>	108	68-136		%	10/17/10
Toluene-d8 <surr>	106	85-121		%	10/17/10

Batch	VMS11689
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	998394	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	MXX23690
Project Name/#	17391-002 360 E 100th Ave		**Method**	METHOD
Matrix	Soil/Solid (dry weight)		**Date**	10/19/2010

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Metals Department					
Mercury	24.0 U	40.0	12.0	ug/Kg	10/19/10

Batch MCV4680
Method SW7471B
Instrument PSA Mellennium Mercury AA

SGS Ref.#	999318	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536006, 1105536007

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	999318	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,1,1,2-Tetrachloroethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,1,1-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,1,2,2-Tetrachloroethane	30.0 U	50.0	15.0	ug/Kg	10/22/10
1,1,2-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,1-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,1-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,1-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2,3-Trichlorobenzene	30.0 U	50.0	15.0	ug/Kg	10/22/10
1,2,3-Trichloropropane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2,4-Trichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	10/22/10
1,2-Dibromo-3-chloropropane	62.0 U	100	31.0	ug/Kg	10/22/10
1,2-Dibromoethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,3,5-Trimethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,3-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,3-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/22/10
1,4-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
2,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/22/10
2-Butanone (MEK)	156 U	250	78.0	ug/Kg	10/22/10
2-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/22/10
2-Hexanone	156 U	250	78.0	ug/Kg	10/22/10
4-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/22/10
4-Isopropyltoluene	15.6 U	25.0	7.80	ug/Kg	10/22/10
4-Methyl-2-pentanone (MIBK)	156 U	250	78.0	ug/Kg	10/22/10
Benzene	7.80 U	12.5	3.90	ug/Kg	10/22/10
Bromobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Bromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
Bromodichloromethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
Bromoform	15.6 U	25.0	7.80	ug/Kg	10/22/10
Bromomethane	124 U	200	62.0	ug/Kg	10/22/10
Carbon disulfide	62.0 U	100	31.0	ug/Kg	10/22/10
Carbon tetrachloride	15.6 U	25.0	7.80	ug/Kg	10/22/10
Chlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Chloroethane	124 U	200	62.0	ug/Kg	10/22/10
Chloroform	15.6 U	25.0	7.80	ug/Kg	10/22/10
Chloromethane	15.6 U	25.0	7.80	ug/Kg	10/22/10

SGS Ref.#	999318	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
cis-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/22/10
cis-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Dibromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
Dibromomethane	15.6 U	25.0	7.80	ug/Kg	10/22/10
Dichlorodifluoromethane	30.0 U	50.0	15.0	ug/Kg	10/22/10
Ethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Hexachlorobutadiene	30.0 U	50.0	15.0	ug/Kg	10/22/10
Isopropylbenzene (Cumene)	15.6 U	25.0	7.80	ug/Kg	10/22/10
Methylene chloride	62.0 U	100	31.0	ug/Kg	10/22/10
Methyl-t-butyl ether	62.0 U	100	31.0	ug/Kg	10/22/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	10/22/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
n-Propylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	10/22/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	10/22/10
sec-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Styrene	15.6 U	25.0	7.80	ug/Kg	10/22/10
tert-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Tetrachloroethene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Toluene	30.0 U	50.0	15.0	ug/Kg	10/22/10
trans-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/22/10
trans-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Trichloroethene	15.6 U	25.0	7.80	ug/Kg	10/22/10
Trichlorofluoromethane	30.0 U	50.0	15.0	ug/Kg	10/22/10
Vinyl chloride	15.6 U	25.0	7.80	ug/Kg	10/22/10
Xylenes (total)	62.0 U	100	31.0	ug/Kg	10/22/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	93	80-117		%	10/22/10
4-Bromofluorobenzene <surr>	101	68-136		%	10/22/10
Toluene-d8 <surr>	100	85-121		%	10/22/10

Batch	VMS11714
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	999789	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536003, 1105536004, 1105536006

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,1,2,2-Tetrachloroethane	30.0 U	50.0	15.0	ug/Kg	10/25/10
1,2,3-Trichlorobenzene	30.0 U	50.0	15.0	ug/Kg	10/25/10
1,2,3-Trichloropropane	15.6 U	25.0	7.80	ug/Kg	10/25/10
1,2,4-Trichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	10/25/10
1,2-Dibromo-3-chloropropane	62.0 U	100	31.0	ug/Kg	10/25/10
1,2-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
1,3,5-Trimethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
1,3-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
1,4-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
2-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/25/10
4-Isopropyltoluene	15.6 U	25.0	7.80	ug/Kg	10/25/10
Bromobenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
Hexachlorobutadiene	30.0 U	50.0	15.0	ug/Kg	10/25/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	10/25/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
n-Propylbenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
sec-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
tert-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/25/10
Tetrachloroethene	15.6 U	25.0	7.80	ug/Kg	10/25/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	97.3	80-117		%	10/25/10
4-Bromofluorobenzene <surr>	102	68-136		%	10/25/10
Toluene-d8 <surr>	102	85-121		%	10/25/10

Batch	VMS11716
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	1000492	Method Blank	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105536005

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	10/27/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	10/27/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/27/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	106	80-117		%	10/27/10
4-Bromofluorobenzene <surr>	100	68-136		%	10/27/10
Toluene-d8 <surr>	106	85-121		%	10/27/10

Batch	VMS11718
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	997188	Duplicate	**Printed Date/Time**	11/02/2010 15:53
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391-002 360 E 100th Ave			**Method**
Original	1106829001			**Date**
Matrix	Soil/Solid (dry weight)			

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
Solids						
Total Solids	88.3	87.7	%	1	(< 15)	10/14/2010

Batch SPT8265
Method SM20 2540G
Instrument

SGS Ref.#	997119	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
	997120	Lab Control Sample Duplicate	**Prep** **Batch**	XXX23897	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3550C	
Project Name/#	17391-002 360 E 100th Ave		**Date**	10/14/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Semivolatile Organic Fuels Department								
Diesel Range Organics	LCS	135	81	(75-125)			167 mg/Kg	10/15/2010
	LCSD	138	83		2	(< 20)	167 mg/Kg	10/15/2010
Surrogates								
5a Androstane <surr>	LCS		67	(60-120)				10/15/2010
	LCSD		71		6			10/15/2010

Batch XFC9581
Method AK102
Instrument HP 6890 Series II FID SV D R

Residual Range Organics	LCS	137	82	(60-120)			167 mg/Kg	10/15/2010
	LCSD	144	87		5	(< 20)	167 mg/Kg	10/15/2010
Surrogates								
n-Triacontane-d62 <surr>	LCS		87	(60-120)				10/15/2010
	LCSD		89		3			10/15/2010

Batch XFC9581
Method AK103
Instrument HP 6890 Series II FID SV D R

SGS Ref.#	997175	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
	997176	Lab Control Sample Duplicate	**Prep**	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536007, 1105536009

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Gasoline Range Organics	LCS	11.4	101	(60-120)			11.3 mg/Kg	10/14/2010
	LCSD	11.4	101		0	(< 20)	11.3 mg/Kg	10/14/2010
Surrogates								
4-Bromofluorobenzene <surr>	LCS		86	(50-150)				10/14/2010
	LCSD		85		1			10/14/2010

Batch	VFC10230
Method	AK101
Instrument	HP 5890 Series II PID+HECD VBA

SGS Ref.#	997461	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep **Batch**	MXX23667	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3050B	
Project Name/#	17391-002 360 E 100th Ave		**Date**	10/15/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Metals by ICP/MS								
Arsenic	LCS	51.4	103	(80-120)			50 mg/Kg	10/18/2010
Barium	LCS	49.4	99	(80-120)			50 mg/Kg	10/18/2010
Cadmium	LCS	4.79	96	(80-120)			5 mg/Kg	10/18/2010
Chromium	LCS	18.5	93	(80-120)			20 mg/Kg	10/18/2010
Lead	LCS	53.9	108	(80-120)			50 mg/Kg	10/18/2010
Selenium	LCS	51.9	104	(80-120)			50 mg/Kg	10/18/2010
Silver	LCS	5.54	111	(80-120)			5 mg/Kg	10/18/2010

Batch	MMS6750
Method	SW6020
Instrument	Perkin Elmer Sciex ICP-MS P3

SGS Ref.#	997562	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
	997563	Lab Control Sample Duplicate	**Prep**	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536006

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Gasoline Range Organics	LCS	11.0	98	(60-120)			11.3 mg/Kg	10/15/2010
	LCSD	11.1	99		1	(< 20)	11.3 mg/Kg	10/15/2010
Surrogates								
4-Bromofluorobenzene <surr>	LCS		90	(50-150)				10/15/2010
	LCSD		92		2			10/15/2010

Batch	VFC10234
Method	AK101
Instrument	HP 5890 Series II PID+HECD VBA

SGS Ref.#	997660	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536009

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	997660	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,1,2-Tetrachloroethane	LCS	806	107	(80-125)			750 ug/Kg	10/17/2010
1,1,1-Trichloroethane	LCS	714	95	(80-127)			750 ug/Kg	10/17/2010
1,1,2,2-Tetrachloroethane	LCS	784	104	(80-124)			750 ug/Kg	10/17/2010
1,1,2-Trichloroethane	LCS	715	95	(80-124)			750 ug/Kg	10/17/2010
1,1-Dichloroethane	LCS	752	100	(77-125)			750 ug/Kg	10/17/2010
1,1-Dichloroethene	LCS	778	104	(65-150)			750 ug/Kg	10/17/2010
1,1-Dichloropropene	LCS	818	109	(76-134)			750 ug/Kg	10/17/2010
1,2,3-Trichlorobenzene	LCS	787	105	(68-125)			750 ug/Kg	10/17/2010
1,2,3-Trichloropropane	LCS	766	102	(78-123)			750 ug/Kg	10/17/2010
1,2,4-Trichlorobenzene	LCS	848	113	(76-122)			750 ug/Kg	10/17/2010
1,2,4-Trimethylbenzene	LCS	727	97	(80-122)			750 ug/Kg	10/17/2010
1,2-Dibromo-3-chloropropane	LCS	733	98	(71-128)			750 ug/Kg	10/17/2010
1,2-Dibromoethane	LCS	759	101	(80-124)			750 ug/Kg	10/17/2010
1,2-Dichlorobenzene	LCS	720	96	(80-120)			750 ug/Kg	10/17/2010
1,2-Dichloroethane	LCS	784	105	(80-122)			750 ug/Kg	10/17/2010
1,2-Dichloropropane	LCS	745	99	(80-120)			750 ug/Kg	10/17/2010
1,3,5-Trimethylbenzene	LCS	741	99	(80-123)			750 ug/Kg	10/17/2010
1,3-Dichlorobenzene	LCS	789	105	(80-122)			750 ug/Kg	10/17/2010
1,3-Dichloropropane	LCS	813	108	(80-124)			750 ug/Kg	10/17/2010
1,4-Dichlorobenzene	LCS	718	96	(80-122)			750 ug/Kg	10/17/2010
2,2-Dichloropropane	LCS	856	114	(80-129)			750 ug/Kg	10/17/2010

SGS Ref.#	997660	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
2-Butanone (MEK)	LCS	2510	112	(61-140)			2250 ug/Kg	10/17/2010
2-Chlorotoluene	LCS	737	98	(80-123)			750 ug/Kg	10/17/2010
2-Hexanone	LCS	2190	97	(74-129)			2250 ug/Kg	10/17/2010
4-Chlorotoluene	LCS	707	94	(80-123)			750 ug/Kg	10/17/2010
4-Isopropyltoluene	LCS	727	97	(80-123)			750 ug/Kg	10/17/2010
4-Methyl-2-pentanone (MIBK)	LCS	2300	102	(76-126)			2250 ug/Kg	10/17/2010
Benzene	LCS	838	112	(80-123)			750 ug/Kg	10/17/2010
Bromobenzene	LCS	796	106	(80-123)			750 ug/Kg	10/17/2010
Bromochloromethane	LCS	844	113	(72-125)			750 ug/Kg	10/17/2010
Bromodichloromethane	LCS	794	106	(80-123)			750 ug/Kg	10/17/2010
Bromoform	LCS	824	110	(74-125)			750 ug/Kg	10/17/2010
Bromomethane	LCS	976	130	(60-149)			750 ug/Kg	10/17/2010
Carbon disulfide	LCS	1260	112	(45-160)			1130 ug/Kg	10/17/2010
Carbon tetrachloride	LCS	895	119	(80-126)			750 ug/Kg	10/17/2010
Chlorobenzene	LCS	770	103	(80-123)			750 ug/Kg	10/17/2010
Chloroethane	LCS	994	133	(59-154)			750 ug/Kg	10/17/2010
Chloroform	LCS	746	99	(72-125)			750 ug/Kg	10/17/2010
Chloromethane	LCS	862	115	(62-140)			750 ug/Kg	10/17/2010
cis-1,2-Dichloroethene	LCS	802	107	(76-125)			750 ug/Kg	10/17/2010
cis-1,3-Dichloropropene	LCS	726	97	(80-125)			750 ug/Kg	10/17/2010

SGS Ref.#	997660	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
Dibromochloromethane	LCS	733	98		(80-125)			750 ug/Kg	10/17/2010
Dibromomethane	LCS	796	106		(80-119)			750 ug/Kg	10/17/2010
Dichlorodifluoromethane	LCS	1330	177	*	(51-155)			750 ug/Kg	10/17/2010
Ethylbenzene	LCS	805	107		(80-123)			750 ug/Kg	10/17/2010
Hexachlorobutadiene	LCS	782	104		(78-124)			750 ug/Kg	10/17/2010
Isopropylbenzene (Cumene)	LCS	790	105		(80-123)			750 ug/Kg	10/17/2010
Methylene chloride	LCS	803	107		(73-125)			750 ug/Kg	10/17/2010
Methyl-t-butyl ether	LCS	1190	106		(79-124)			1130 ug/Kg	10/17/2010
Naphthalene	LCS	809	108		(68-122)			750 ug/Kg	10/17/2010
n-Butylbenzene	LCS	677	90		(80-124)			750 ug/Kg	10/17/2010
n-Propylbenzene	LCS	725	97		(80-125)			750 ug/Kg	10/17/2010
o-Xylene	LCS	743	99		(80-123)			750 ug/Kg	10/17/2010
P & M -Xylene	LCS	1490	99		(80-125)			1500 ug/Kg	10/17/2010
sec-Butylbenzene	LCS	718	96		(80-122)			750 ug/Kg	10/17/2010
Styrene	LCS	708	94		(80-124)			750 ug/Kg	10/17/2010
tert-Butylbenzene	LCS	707	94		(80-121)			750 ug/Kg	10/17/2010
Tetrachloroethene	LCS	802	107		(79-128)			750 ug/Kg	10/17/2010
Toluene	LCS	722	96		(80-125)			750 ug/Kg	10/17/2010
trans-1,2-Dichloroethene	LCS	776	103		(76-126)			750 ug/Kg	10/17/2010
trans-1,3-Dichloropropene	LCS	735	98		(80-124)			750 ug/Kg	10/17/2010
Trichloroethene	LCS	771	103		(80-123)			750 ug/Kg	10/17/2010

SGS Ref.#	997660	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
Trichlorofluoromethane	LCS	923	123		(62-149)			750 ug/Kg	10/17/2010
Vinyl chloride	LCS	1050	140	*	(68-139)			750 ug/Kg	10/17/2010
Xylenes (total)	LCS	2230	99		(86-124)			2250 ug/Kg	10/17/2010
Surrogates									
1,2-Dichloroethane-D4 <surr>	LCS		101		(80-117)				10/17/2010
4-Bromofluorobenzene <surr>	LCS		92		(68-136)				10/17/2010
Toluene-d8 <surr>	LCS		102		(85-121)				10/17/2010

Batch	VMS11689
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	998395	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep **Batch**	MXX23690	
Client Name	Shannon & Wilson, Inc.		**Method**	METHOD	
Project Name/#	17391-002 360 E 100th Ave		**Date**	10/19/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Metals Department								
Mercury	LCS	149	89	(80-120)			167 ug/Kg	10/19/2010

Batch	MCV4680
Method	SW7471B
Instrument	PSA Mellennium Mercury AA

SGS Ref.#	999319	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536006, 1105536007

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	999319	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,1,2-Tetrachloroethane	LCS	835	111	(80-125)			750 ug/Kg	10/22/2010
1,1,1-Trichloroethane	LCS	835	111	(80-127)			750 ug/Kg	10/22/2010
1,1,2,2-Tetrachloroethane	LCS	803	107	(80-124)			750 ug/Kg	10/22/2010
1,1,2-Trichloroethane	LCS	813	108	(80-124)			750 ug/Kg	10/22/2010
1,1-Dichloroethane	LCS	835	111	(77-125)			750 ug/Kg	10/22/2010
1,1-Dichloroethene	LCS	810	108	(65-150)			750 ug/Kg	10/22/2010
1,1-Dichloropropene	LCS	852	114	(76-134)			750 ug/Kg	10/22/2010
1,2,3-Trichlorobenzene	LCS	792	106	(68-125)			750 ug/Kg	10/22/2010
1,2,3-Trichloropropane	LCS	817	109	(78-123)			750 ug/Kg	10/22/2010
1,2,4-Trichlorobenzene	LCS	866	115	(76-122)			750 ug/Kg	10/22/2010
1,2,4-Trimethylbenzene	LCS	819	109	(80-122)			750 ug/Kg	10/22/2010
1,2-Dibromo-3-chloropropane	LCS	788	105	(71-128)			750 ug/Kg	10/22/2010
1,2-Dibromoethane	LCS	830	111	(80-124)			750 ug/Kg	10/22/2010
1,2-Dichlorobenzene	LCS	803	107	(80-120)			750 ug/Kg	10/22/2010
1,2-Dichloroethane	LCS	770	103	(80-122)			750 ug/Kg	10/22/2010
1,2-Dichloropropane	LCS	811	108	(80-120)			750 ug/Kg	10/22/2010
1,3,5-Trimethylbenzene	LCS	830	111	(80-123)			750 ug/Kg	10/22/2010
1,3-Dichlorobenzene	LCS	812	108	(80-122)			750 ug/Kg	10/22/2010
1,3-Dichloropropane	LCS	809	108	(80-124)			750 ug/Kg	10/22/2010
1,4-Dichlorobenzene	LCS	820	109	(80-122)			750 ug/Kg	10/22/2010
2,2-Dichloropropane	LCS	891	119	(80-129)			750 ug/Kg	10/22/2010

SGS Ref.#	999319	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
2-Butanone (MEK)	LCS	3150	140		(61-140)			2250 ug/Kg	10/22/2010
2-Chlorotoluene	LCS	811	108		(80-123)			750 ug/Kg	10/22/2010
2-Hexanone	LCS	2920	130	*	(74-129)			2250 ug/Kg	10/22/2010
4-Chlorotoluene	LCS	816	109		(80-123)			750 ug/Kg	10/22/2010
4-Isopropyltoluene	LCS	829	110		(80-123)			750 ug/Kg	10/22/2010
4-Methyl-2-pentanone (MIBK)	LCS	2470	110		(76-126)			2250 ug/Kg	10/22/2010
Benzene	LCS	818	109		(80-123)			750 ug/Kg	10/22/2010
Bromobenzene	LCS	832	111		(80-123)			750 ug/Kg	10/22/2010
Bromochloromethane	LCS	815	109		(72-125)			750 ug/Kg	10/22/2010
Bromodichloromethane	LCS	803	107		(80-123)			750 ug/Kg	10/22/2010
Bromoform	LCS	799	107		(74-125)			750 ug/Kg	10/22/2010
Bromomethane	LCS	923	123		(60-149)			750 ug/Kg	10/22/2010
Carbon disulfide	LCS	1160	103		(45-160)			1130 ug/Kg	10/22/2010
Carbon tetrachloride	LCS	776	104		(80-126)			750 ug/Kg	10/22/2010
Chlorobenzene	LCS	801	107		(80-123)			750 ug/Kg	10/22/2010
Chloroethane	LCS	841	112		(59-154)			750 ug/Kg	10/22/2010
Chloroform	LCS	797	106		(72-125)			750 ug/Kg	10/22/2010
Chloromethane	LCS	994	132		(62-140)			750 ug/Kg	10/22/2010
cis-1,2-Dichloroethene	LCS	810	108		(76-125)			750 ug/Kg	10/22/2010
cis-1,3-Dichloropropene	LCS	831	111		(80-125)			750 ug/Kg	10/22/2010

SGS Ref.#	999319	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
Dibromochloromethane	LCS	815	109		(80-125)			750 ug/Kg	10/22/2010
Dibromomethane	LCS	785	105		(80-119)			750 ug/Kg	10/22/2010
Dichlorodifluoromethane	LCS	1170	156	*	(51-155)			750 ug/Kg	10/22/2010
Ethylbenzene	LCS	815	109		(80-123)			750 ug/Kg	10/22/2010
Hexachlorobutadiene	LCS	873	116		(78-124)			750 ug/Kg	10/22/2010
Isopropylbenzene (Cumene)	LCS	802	107		(80-123)			750 ug/Kg	10/22/2010
Methylene chloride	LCS	653	87		(73-125)			750 ug/Kg	10/22/2010
Methyl-t-butyl ether	LCS	1150	102		(79-124)			1130 ug/Kg	10/22/2010
Naphthalene	LCS	793	106		(68-122)			750 ug/Kg	10/22/2010
n-Butylbenzene	LCS	823	110		(80-124)			750 ug/Kg	10/22/2010
n-Propylbenzene	LCS	817	109		(80-125)			750 ug/Kg	10/22/2010
o-Xylene	LCS	816	109		(80-123)			750 ug/Kg	10/22/2010
P & M -Xylene	LCS	1620	108		(80-125)			1500 ug/Kg	10/22/2010
sec-Butylbenzene	LCS	810	108		(80-122)			750 ug/Kg	10/22/2010
Styrene	LCS	799	107		(80-124)			750 ug/Kg	10/22/2010
tert-Butylbenzene	LCS	833	111		(80-121)			750 ug/Kg	10/22/2010
Tetrachloroethene	LCS	845	113		(79-128)			750 ug/Kg	10/22/2010
Toluene	LCS	796	106		(80-125)			750 ug/Kg	10/22/2010
trans-1,2-Dichloroethene	LCS	793	106		(76-126)			750 ug/Kg	10/22/2010
trans-1,3-Dichloropropene	LCS	732	98		(80-124)			750 ug/Kg	10/22/2010
Trichloroethene	LCS	834	111		(80-123)			750 ug/Kg	10/22/2010

SGS Ref.#	999319	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Trichlorofluoromethane	LCS	910	121	(62-149)			750 ug/Kg	10/22/2010
Vinyl chloride	LCS	953	127	(68-139)			750 ug/Kg	10/22/2010
Xylenes (total)	LCS	2430	108	(86-124)			2250 ug/Kg	10/22/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		94	(80-117)				10/22/2010
4-Bromofluorobenzene <surr>	LCS		104	(68-136)				10/22/2010
Toluene-d8 <surr>	LCS		103	(85-121)				10/22/2010

Batch	VMS11714
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	999790	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536003, 1105536004, 1105536006

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	999790	Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391-002 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,2,2-Tetrachloroethane	LCS	743	99	(80-124)			750 ug/Kg	10/25/2010
1,2,3-Trichlorobenzene	LCS	715	95	(68-125)			750 ug/Kg	10/25/2010
1,2,3-Trichloropropane	LCS	775	103	(78-123)			750 ug/Kg	10/25/2010
1,2,4-Trichlorobenzene	LCS	807	108	(76-122)			750 ug/Kg	10/25/2010
1,2,4-Trimethylbenzene	LCS	809	108	(80-122)			750 ug/Kg	10/25/2010
1,2-Dibromo-3-chloropropane	LCS	704	94	(71-128)			750 ug/Kg	10/25/2010
1,2-Dichlorobenzene	LCS	790	105	(80-120)			750 ug/Kg	10/25/2010
1,3,5-Trimethylbenzene	LCS	814	109	(80-123)			750 ug/Kg	10/25/2010
1,3-Dichlorobenzene	LCS	799	107	(80-122)			750 ug/Kg	10/25/2010
1,4-Dichlorobenzene	LCS	812	108	(80-122)			750 ug/Kg	10/25/2010
2-Chlorotoluene	LCS	798	106	(80-123)			750 ug/Kg	10/25/2010
4-Isopropyltoluene	LCS	817	109	(80-123)			750 ug/Kg	10/25/2010
Bromobenzene	LCS	833	111	(80-123)			750 ug/Kg	10/25/2010
Hexachlorobutadiene	LCS	835	111	(78-124)			750 ug/Kg	10/25/2010
Naphthalene	LCS	749	100	(68-122)			750 ug/Kg	10/25/2010
n-Butylbenzene	LCS	794	106	(80-124)			750 ug/Kg	10/25/2010
n-Propylbenzene	LCS	798	106	(80-125)			750 ug/Kg	10/25/2010
sec-Butylbenzene	LCS	797	106	(80-122)			750 ug/Kg	10/25/2010
tert-Butylbenzene	LCS	817	109	(80-121)			750 ug/Kg	10/25/2010
Tetrachloroethene	LCS	832	111	(79-128)			750 ug/Kg	10/25/2010

Surrogates

SGS Ref.#	999790	Lab Control Sample	**Printed Date/Time**	11/02/2010	15:53
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391-002 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy							
1,2-Dichloroethane-D4 <surr>	LCS	91	(80-117)				10/25/2010
4-Bromofluorobenzene <surr>	LCS	102	(68-136)				10/25/2010
Toluene-d8 <surr>	LCS	97	(85-121)				10/25/2010

Batch	VMS11716
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	1000493 Lab Control Sample	**Printed Date/Time**	11/02/2010 15:53
		Prep	**Batch**
Client Name	Shannon & Wilson, Inc.		**Method**
Project Name/#	17391-002 360 E 100th Ave		**Date**
Matrix	Soil/Solid (dry weight)		

QC results affect the following production samples:

1105536005

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,2,4-Trimethylbenzene	LCS	760	101	(80-122)			750 ug/Kg	10/27/2010
Naphthalene	LCS	777	104	(68-122)			750 ug/Kg	10/27/2010
n-Butylbenzene	LCS	764	102	(80-124)			750 ug/Kg	10/27/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		98	(80-117)				10/27/2010
4-Bromofluorobenzene <surr>	LCS		99	(68-136)				10/27/2010
Toluene-d8 <surr>	LCS		98	(85-121)				10/27/2010

Batch	VMS11718
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	997462	Matrix Spike	**Printed Date/Time**		11/02/2010 15:53
	997463	Matrix Spike Duplicate	**Prep**	**Batch**	MXX23667
				Method	Soils/Solids Digest for Metals b
				Date	10/15/2010
Original	1106833001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals by ICP/MS											
Arsenic		MS	(0.602) U	53.1	114	(80-120)			46.8	mg/Kg	10/18/2010
		MSD		54.3	111		2	(< 20)	48.8	mg/Kg	10/18/2010
Barium		MS	11.0	54.3	93	(80-120)			46.8	mg/Kg	10/18/2010
		MSD		59.3	99		9	(< 20)	48.8	mg/Kg	10/18/2010
Cadmium		MS	0.172J	4.96	102	(80-120)			4.68	mg/Kg	10/18/2010
		MSD		5.18	103		4	(< 20)	4.88	mg/Kg	10/18/2010
Chromium		MS	1.56	19.8	98	(80-120)			18.7	mg/Kg	10/18/2010
		MSD		20.7	98		4	(< 20)	19.5	mg/Kg	10/18/2010
Lead		MS	11.2	57.2	98	(80-120)			46.8	mg/Kg	10/18/2010
		MSD		62.2	105		8	(< 20)	48.8	mg/Kg	10/18/2010
Selenium		MS	(0.292) U	53.6	115	(80-120)			46.8	mg/Kg	10/18/2010
		MSD		54.1	111		1	(< 20)	48.8	mg/Kg	10/18/2010
Silver		MS	0.252	5.72	117	(80-120)			4.68	mg/Kg	10/18/2010
		MSD		5.83	114		2	(< 20)	4.88	mg/Kg	10/18/2010

Batch MMS6750
Method SW6020
Instrument Perkin Elmer Sciex ICP-MS P3

SGS Ref.#	997662	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	997663	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	997661				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105536009

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	997662	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997663	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997661			
Matrix	Solid/Soil (Wet Weight)			

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
1,1,1,2-Tetrachloroethane	MS	(32.2) U	1580	102	(80-125)			1540	ug/Kg	10/17/2010
	MSD		1590	103		1	(< 20)	1540	ug/Kg	10/17/2010
1,1,1-Trichloroethane	MS	(32.2) U	2060	133*	(80-127)			1540	ug/Kg	10/17/2010
	MSD		2170	141*		6	(< 20)	1540	ug/Kg	10/17/2010
1,1,2,2-Tetrachloroethane	MS	(61.8) U	1750	113	(80-124)			1540	ug/Kg	10/17/2010
	MSD		1420	92		21 *	(< 20)	1540	ug/Kg	10/17/2010
1,1,2-Trichloroethane	MS	(32.2) U	9910	641*	(80-124)			1540	ug/Kg	10/17/2010
	MSD		8490	550*		15	(< 20)	1540	ug/Kg	10/17/2010
1,1-Dichloroethane	MS	(32.2) U	1650	107	(77-125)			1540	ug/Kg	10/17/2010
	MSD		1450	94		13	(< 20)	1540	ug/Kg	10/17/2010
1,1-Dichloroethene	MS	(32.2) U	1850	120	(65-150)			1540	ug/Kg	10/17/2010
	MSD		2340	151*		23 *	(< 20)	1540	ug/Kg	10/17/2010
1,1-Dichloropropene	MS	(32.2) U	2390	154*	(76-134)			1540	ug/Kg	10/17/2010
	MSD		1650	107		37 *	(< 20)	1540	ug/Kg	10/17/2010
1,2,3-Trichlorobenzene	MS	(61.8) U	2000	130*	(68-125)			1540	ug/Kg	10/17/2010
	MSD		2120	137*		6	(< 20)	1540	ug/Kg	10/17/2010
1,2,3-Trichloropropane	MS	(32.2) U	1550	101	(78-123)			1540	ug/Kg	10/17/2010
	MSD		1640	106		6	(< 20)	1540	ug/Kg	10/17/2010
1,2,4-Trichlorobenzene	MS	(32.2) U	1950	126*	(76-122)			1540	ug/Kg	10/17/2010
	MSD		2160	140*		11	(< 20)	1540	ug/Kg	10/17/2010
1,2,4-Trimethylbenzene	MS	215	1690	96	(80-122)			1540	ug/Kg	10/17/2010
	MSD		1680	95		0	(< 20)	1540	ug/Kg	10/17/2010
1,2-Dibromo-3-chloropropane	MS	(128) U	1790	116	(71-128)			1540	ug/Kg	10/17/2010
	MSD		2180	141*		20	(< 20)	1540	ug/Kg	10/17/2010
1,2-Dibromoethane	MS	(32.2) U	1690	109	(80-124)			1540	ug/Kg	10/17/2010
	MSD		1570	101		8	(< 20)	1540	ug/Kg	10/17/2010
1,2-Dichlorobenzene	MS	(32.2) U	1580	102	(80-120)			1540	ug/Kg	10/17/2010
	MSD		1480	96		7	(< 20)	1540	ug/Kg	10/17/2010
1,2-Dichloroethane	MS	(32.2) U	1620	105	(80-122)			1540	ug/Kg	10/17/2010
	MSD		1760	114		8	(< 20)	1540	ug/Kg	10/17/2010
1,2-Dichloropropane	MS	(32.2) U	1640	106	(80-120)			1540	ug/Kg	10/17/2010
	MSD		1360	88		19	(< 20)	1540	ug/Kg	10/17/2010
1,3,5-Trimethylbenzene	MS	248	1720	95	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1650	91		4	(< 20)	1540	ug/Kg	10/17/2010
1,3-Dichlorobenzene	MS	(32.2) U	1550	101	(80-122)			1540	ug/Kg	10/17/2010
	MSD		1580	102		2	(< 20)	1540	ug/Kg	10/17/2010
1,3-Dichloropropane	MS	(32.2) U	1640	106	(80-124)			1540	ug/Kg	10/17/2010
	MSD		1380	90		17	(< 20)	1540	ug/Kg	10/17/2010
1,4-Dichlorobenzene	MS	(32.2) U	1430	93	(80-122)			1540	ug/Kg	10/17/2010
	MSD		1460	95		2	(< 20)	1540	ug/Kg	10/17/2010

SGS Ref.#	997662	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997663	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997661			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
2,2-Dichloropropane	MS	(32.2) U	1780	115	(80-129)			1540	ug/Kg	10/17/2010
	MSD		1880	122		6	(< 20)	1540	ug/Kg	10/17/2010
2-Butanone (MEK)	MS	(322) U	6900	149*	(61-140)			4630	ug/Kg	10/17/2010
	MSD		5400	116		25 *	(< 20)	4630	ug/Kg	10/17/2010
2-Chlorotoluene	MS	(32.2) U	1500	97	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1470	95		2	(< 20)	1540	ug/Kg	10/17/2010
2-Hexanone	MS	(322) U	6160	133*	(74-129)			4630	ug/Kg	10/17/2010
	MSD		5060	109		20	(< 20)	4630	ug/Kg	10/17/2010
4-Chlorotoluene	MS	(32.2) U	1470	95	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1440	93		2	(< 20)	1540	ug/Kg	10/17/2010
4-Isopropyltoluene	MS	107	1690	103	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1700	103		1	(< 20)	1540	ug/Kg	10/17/2010
4-Methyl-2-pentanone (MIBK)	MS	(322) U	5630	121	(76-126)			4630	ug/Kg	10/17/2010
	MSD		4860	105		15	(< 20)	4630	ug/Kg	10/17/2010
Benzene	MS	(16.1) U	1860	120	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1590	103		16	(< 20)	1540	ug/Kg	10/17/2010
Bromobenzene	MS	(32.2) U	1640	106	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1660	107		1	(< 20)	1540	ug/Kg	10/17/2010
Bromochloromethane	MS	(32.2) U	1840	119	(72-125)			1540	ug/Kg	10/17/2010
	MSD		1800	117		2	(< 20)	1540	ug/Kg	10/17/2010
Bromodichloromethane	MS	(32.2) U	1850	120	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1790	116		4	(< 20)	1540	ug/Kg	10/17/2010
Bromoform	MS	(32.2) U	1590	103	(74-125)			1540	ug/Kg	10/17/2010
	MSD		1730	112		9	(< 20)	1540	ug/Kg	10/17/2010
Bromomethane	MS	(256) U	1910	123	(60-149)			1540	ug/Kg	10/17/2010
	MSD		0.00	0*		0	(< 20)	1540	ug/Kg	10/17/2010
Carbon disulfide	MS	(128) U	2590	112	(45-160)			2320	ug/Kg	10/17/2010
	MSD		3390	146		27 *	(< 20)	2320	ug/Kg	10/17/2010
Carbon tetrachloride	MS	(32.2) U	1950	127*	(80-126)			1540	ug/Kg	10/17/2010
	MSD		2050	133*		5	(< 20)	1540	ug/Kg	10/17/2010
Chlorobenzene	MS	(32.2) U	1550	100	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1470	95		5	(< 20)	1540	ug/Kg	10/17/2010
Chloroethane	MS	(256) U	1860	121	(59-154)			1540	ug/Kg	10/17/2010
	MSD		3060	198*		49 *	(< 20)	1540	ug/Kg	10/17/2010
Chloroform	MS	(32.2) U	1660	108	(72-125)			1540	ug/Kg	10/17/2010
	MSD		1630	106		2	(< 20)	1540	ug/Kg	10/17/2010
Chloromethane	MS	(32.2) U	1820	118	(62-140)			1540	ug/Kg	10/17/2010
	MSD		2730	177*		40 *	(< 20)	1540	ug/Kg	10/17/2010
cis-1,2-Dichloroethene	MS	(32.2) U	1800	117	(76-125)			1540	ug/Kg	10/17/2010
	MSD		1570	101		14	(< 20)	1540	ug/Kg	10/17/2010

SGS Ref.#	997662	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997663	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997661			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
cis-1,3-Dichloropropene	MS	(32.2) U	1650	107	(80-125)			1540	ug/Kg	10/17/2010
	MSD		1580	102		5	(< 20)	1540	ug/Kg	10/17/2010
Dibromochloromethane	MS	(32.2) U	1510	98	(80-125)			1540	ug/Kg	10/17/2010
	MSD		1500	97		1	(< 20)	1540	ug/Kg	10/17/2010
Dibromomethane	MS	(32.2) U	1700	110	(80-119)			1540	ug/Kg	10/17/2010
	MSD		1780	115		4	(< 20)	1540	ug/Kg	10/17/2010
Dichlorodifluoromethane	MS	(61.8) U	2410	156*	(51-155)			1540	ug/Kg	10/17/2010
	MSD		3440	222*		35 *	(< 20)	1540	ug/Kg	10/17/2010
Ethylbenzene	MS	61.8	1590	99	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1450	90		10	(< 20)	1540	ug/Kg	10/17/2010
Hexachlorobutadiene	MS	(61.8) U	2220	144*	(78-124)			1540	ug/Kg	10/17/2010
	MSD		2230	145*		1	(< 20)	1540	ug/Kg	10/17/2010
Isopropylbenzene (Cumene)	MS	116	1660	100	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1730	104		4	(< 20)	1540	ug/Kg	10/17/2010
Methylene chloride	MS	(128) U	1740	112	(73-125)			1540	ug/Kg	10/17/2010
	MSD		2250	146*		26 *	(< 20)	1540	ug/Kg	10/17/2010
Methyl-t-butyl ether	MS	(128) U	2690	116	(79-124)			2320	ug/Kg	10/17/2010
	MSD		3480	150*		26 *	(< 20)	2320	ug/Kg	10/17/2010
Naphthalene	MS	454	2520	134*	(68-122)			1540	ug/Kg	10/17/2010
	MSD		2750	148*		9	(< 20)	1540	ug/Kg	10/17/2010
n-Butylbenzene	MS	183	1730	100	(80-124)			1540	ug/Kg	10/17/2010
	MSD		1710	99		1	(< 20)	1540	ug/Kg	10/17/2010
n-Propylbenzene	MS	132	1570	93	(80-125)			1540	ug/Kg	10/17/2010
	MSD		1490	88		5	(< 20)	1540	ug/Kg	10/17/2010
o-Xylene	MS	57.2J	1570	98	(80-123)			1540	ug/Kg	10/17/2010
	MSD		1460	91		7	(< 20)	1540	ug/Kg	10/17/2010
P & M -Xylene	MS	164	3050	94	(80-125)			3090	ug/Kg	10/17/2010
	MSD		2920	89		5	(< 20)	3090	ug/Kg	10/17/2010
sec-Butylbenzene	MS	75.7	1650	102	(80-122)			1540	ug/Kg	10/17/2010
	MSD		1520	94		8	(< 20)	1540	ug/Kg	10/17/2010
Styrene	MS	45.8J	1410	88	(80-124)			1540	ug/Kg	10/17/2010
	MSD		1440	90		2	(< 20)	1540	ug/Kg	10/17/2010
tert-Butylbenzene	MS	(32.2) U	1450	94	(80-121)			1540	ug/Kg	10/17/2010
	MSD		1410	92		3	(< 20)	1540	ug/Kg	10/17/2010
Tetrachloroethene	MS	(32.2) U	3470	224*	(79-128)			1540	ug/Kg	10/17/2010
	MSD		3580	232*		3	(< 20)	1540	ug/Kg	10/17/2010
Toluene	MS	(61.8) U	1490	97	(80-125)			1540	ug/Kg	10/17/2010
	MSD		1270	82		16	(< 20)	1540	ug/Kg	10/17/2010
trans-1,2-Dichloroethene	MS	(32.2) U	1690	109	(76-126)			1540	ug/Kg	10/17/2010
	MSD		2100	136*		22 *	(< 20)	1540	ug/Kg	10/17/2010

SGS Ref.#	997662	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997663	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997661			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
trans-1,3-Dichloropropene	MS		(32.2) U	1430	93	(80-124)			1540	ug/Kg	10/17/2010
	MSD			1270	82		12	(< 20)	1540	ug/Kg	10/17/2010
Trichloroethene	MS		(32.2) U	1910	124*	(80-123)			1540	ug/Kg	10/17/2010
	MSD			1910	124*		0	(< 20)	1540	ug/Kg	10/17/2010
Trichlorofluoromethane	MS		(61.8) U	1770	115	(62-149)			1540	ug/Kg	10/17/2010
	MSD			2520	163*		35 *	(< 20)	1540	ug/Kg	10/17/2010
Vinyl chloride	MS		(32.2) U	2060	133	(68-139)			1540	ug/Kg	10/17/2010
	MSD			3040	197*		39 *	(< 20)	1540	ug/Kg	10/17/2010
Xylenes (total)	MS		221	4630	95	(86-124)			4630	ug/Kg	10/17/2010
	MSD			4380	90		6	(< 20)	4630	ug/Kg	10/17/2010
Surrogates											
1,2-Dichloroethane-D4 <surr>	MS			1590	103	(80-117)					10/17/2010
	MSD			1740	113		9				10/17/2010
4-Bromofluorobenzene <surr>	MS			3530	86	(68-136)					10/17/2010
	MSD			3660	89		4				10/17/2010
Toluene-d8 <surr>	MS			1730	112	(85-121)					10/17/2010
	MSD			1560	101		10				10/17/2010

Batch	VMS11689
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	997701	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	997702	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	997700				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105536009

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	997701	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997702	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997700			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
1,1,1,2-Tetrachloroethane	MS	(22.8) U	1140	104	(80-125)			1100	ug/Kg	10/17/2010
	MSD		1220	111		7	(< 20)	1100	ug/Kg	10/17/2010
1,1,1-Trichloroethane	MS	(22.8) U	1060	97	(80-127)			1100	ug/Kg	10/17/2010
	MSD		1480	135*		33 *	(< 20)	1100	ug/Kg	10/17/2010
1,1,2,2-Tetrachloroethane	MS	(44.0) U	1120	102	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1230	112		9	(< 20)	1100	ug/Kg	10/17/2010
1,1,2-Trichloroethane	MS	(22.8) U	1050	95	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1100	100		5	(< 20)	1100	ug/Kg	10/17/2010
1,1-Dichloroethane	MS	(22.8) U	1100	100	(77-125)			1100	ug/Kg	10/17/2010
	MSD		1250	114		13	(< 20)	1100	ug/Kg	10/17/2010
1,1-Dichloroethene	MS	68.8	1230	106	(65-150)			1100	ug/Kg	10/17/2010
	MSD		1430	124		15	(< 20)	1100	ug/Kg	10/17/2010
1,1-Dichloropropene	MS	(22.8) U	1220	111	(76-134)			1100	ug/Kg	10/17/2010
	MSD		1250	114		3	(< 20)	1100	ug/Kg	10/17/2010
1,2,3-Trichlorobenzene	MS	(44.0) U	1210	110	(68-125)			1100	ug/Kg	10/17/2010
	MSD		1350	123		12	(< 20)	1100	ug/Kg	10/17/2010
1,2,3-Trichloropropane	MS	(22.8) U	989	90	(78-123)			1100	ug/Kg	10/17/2010
	MSD		1110	101		12	(< 20)	1100	ug/Kg	10/17/2010
1,2,4-Trichlorobenzene	MS	(22.8) U	1230	112	(76-122)			1100	ug/Kg	10/17/2010
	MSD		1350	123*		10	(< 20)	1100	ug/Kg	10/17/2010
1,2,4-Trimethylbenzene	MS	25.6J	1150	103	(80-122)			1100	ug/Kg	10/17/2010
	MSD		1150	103		0	(< 20)	1100	ug/Kg	10/17/2010
1,2-Dibromo-3-chloropropane	MS	(90.8) U	1130	103	(71-128)			1100	ug/Kg	10/17/2010
	MSD		1170	106		3	(< 20)	1100	ug/Kg	10/17/2010
1,2-Dibromoethane	MS	(22.8) U	1110	101	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1220	111		9	(< 20)	1100	ug/Kg	10/17/2010
1,2-Dichlorobenzene	MS	(22.8) U	1090	99	(80-120)			1100	ug/Kg	10/17/2010
	MSD		1140	104		5	(< 20)	1100	ug/Kg	10/17/2010
1,2-Dichloroethane	MS	(22.8) U	1180	107	(80-122)			1100	ug/Kg	10/17/2010
	MSD		1190	109		1	(< 20)	1100	ug/Kg	10/17/2010
1,2-Dichloropropane	MS	(22.8) U	1140	104	(80-120)			1100	ug/Kg	10/17/2010
	MSD		1130	103		1	(< 20)	1100	ug/Kg	10/17/2010
1,3,5-Trimethylbenzene	MS	(22.8) U	1110	101	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1120	102		1	(< 20)	1100	ug/Kg	10/17/2010
1,3-Dichlorobenzene	MS	(22.8) U	1200	109	(80-122)			1100	ug/Kg	10/17/2010
	MSD		1240	113		3	(< 20)	1100	ug/Kg	10/17/2010
1,3-Dichloropropane	MS	(22.8) U	1150	104	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1190	108		4	(< 20)	1100	ug/Kg	10/17/2010
1,4-Dichlorobenzene	MS	(22.8) U	1110	101	(80-122)			1100	ug/Kg	10/17/2010
	MSD		1090	99		2	(< 20)	1100	ug/Kg	10/17/2010

SGS Ref.#	997701	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997702	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997700			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
2,2-Dichloropropane	MS	(22.8) U	1180	108	(80-129)			1100	ug/Kg	10/17/2010
	MSD		1290	117		8	(< 20)	1100	ug/Kg	10/17/2010
2-Butanone (MEK)	MS	(228) U	4070	124	(61-140)			3290	ug/Kg	10/17/2010
	MSD		4740	144*		15	(< 20)	3290	ug/Kg	10/17/2010
2-Chlorotoluene	MS	(22.8) U	1110	101	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1120	102		0	(< 20)	1100	ug/Kg	10/17/2010
2-Hexanone	MS	(228) U	2840	86	(74-129)			3290	ug/Kg	10/17/2010
	MSD		3490	106		21 *	(< 20)	3290	ug/Kg	10/17/2010
4-Chlorotoluene	MS	(22.8) U	1120	102	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1140	104		2	(< 20)	1100	ug/Kg	10/17/2010
4-Isopropyltoluene	MS	(22.8) U	1120	102	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1130	103		1	(< 20)	1100	ug/Kg	10/17/2010
4-Methyl-2-pentanone (MIBK)	MS	(228) U	3400	103	(76-126)			3290	ug/Kg	10/17/2010
	MSD		3850	117		13	(< 20)	3290	ug/Kg	10/17/2010
Benzene	MS	(11.4) U	1200	109	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1250	114		4	(< 20)	1100	ug/Kg	10/17/2010
Bromobenzene	MS	(22.8) U	1220	111	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1210	111		0	(< 20)	1100	ug/Kg	10/17/2010
Bromochloromethane	MS	(22.8) U	1250	113	(72-125)			1100	ug/Kg	10/17/2010
	MSD		1260	115		1	(< 20)	1100	ug/Kg	10/17/2010
Bromodichloromethane	MS	(22.8) U	1130	103	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1140	104		1	(< 20)	1100	ug/Kg	10/17/2010
Bromoform	MS	(22.8) U	1130	103	(74-125)			1100	ug/Kg	10/17/2010
	MSD		1210	110		7	(< 20)	1100	ug/Kg	10/17/2010
Bromomethane	MS	(182) U	1250	114	(60-149)			1100	ug/Kg	10/17/2010
	MSD		1390	126		10	(< 20)	1100	ug/Kg	10/17/2010
Carbon disulfide	MS	(90.8) U	1810	110	(45-160)			1650	ug/Kg	10/17/2010
	MSD		2010	122		11	(< 20)	1650	ug/Kg	10/17/2010
Carbon tetrachloride	MS	(22.8) U	1210	111	(80-126)			1100	ug/Kg	10/17/2010
	MSD		1360	124		11	(< 20)	1100	ug/Kg	10/17/2010
Chlorobenzene	MS	(22.8) U	1140	103	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1140	103		0	(< 20)	1100	ug/Kg	10/17/2010
Chloroethane	MS	(182) U	1480	135	(59-154)			1100	ug/Kg	10/17/2010
	MSD		1530	140		3	(< 20)	1100	ug/Kg	10/17/2010
Chloroform	MS	(22.8) U	1090	99	(72-125)			1100	ug/Kg	10/17/2010
	MSD		1160	106		6	(< 20)	1100	ug/Kg	10/17/2010
Chloromethane	MS	(22.8) U	1240	113	(62-140)			1100	ug/Kg	10/17/2010
	MSD		1380	125		11	(< 20)	1100	ug/Kg	10/17/2010
cis-1,2-Dichloroethene	MS	153	1350	109	(76-125)			1100	ug/Kg	10/17/2010
	MSD		1330	108		2	(< 20)	1100	ug/Kg	10/17/2010

SGS Ref.#	997701	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997702	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997700			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
cis-1,3-Dichloropropene	MS	(22.8) U	1150	105	(80-125)			1100	ug/Kg	10/17/2010
	MSD		1090	99		6	(< 20)	1100	ug/Kg	10/17/2010
Dibromochloromethane	MS	(22.8) U	1080	98	(80-125)			1100	ug/Kg	10/17/2010
	MSD		1210	110		11	(< 20)	1100	ug/Kg	10/17/2010
Dibromomethane	MS	(22.8) U	1190	108	(80-119)			1100	ug/Kg	10/17/2010
	MSD		1180	107		1	(< 20)	1100	ug/Kg	10/17/2010
Dichlorodifluoromethane	MS	(44.0) U	1800	164*	(51-155)			1100	ug/Kg	10/17/2010
	MSD		1890	173*		5	(< 20)	1100	ug/Kg	10/17/2010
Ethylbenzene	MS	(22.8) U	1170	106	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1240	113		7	(< 20)	1100	ug/Kg	10/17/2010
Hexachlorobutadiene	MS	(44.0) U	1290	118	(78-124)			1100	ug/Kg	10/17/2010
	MSD		1260	115		3	(< 20)	1100	ug/Kg	10/17/2010
Isopropylbenzene (Cumene)	MS	(22.8) U	1080	98	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1210	110		11	(< 20)	1100	ug/Kg	10/17/2010
Methylene chloride	MS	(90.8) U	1100	101	(73-125)			1100	ug/Kg	10/17/2010
	MSD		1260	115		13	(< 20)	1100	ug/Kg	10/17/2010
Methyl-t-butyl ether	MS	(90.8) U	1750	106	(79-124)			1650	ug/Kg	10/17/2010
	MSD		1980	120		12	(< 20)	1650	ug/Kg	10/17/2010
Naphthalene	MS	(44.0) U	1200	110	(68-122)			1100	ug/Kg	10/17/2010
	MSD		1290	117		7	(< 20)	1100	ug/Kg	10/17/2010
n-Butylbenzene	MS	(22.8) U	1080	99	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1100	101		2	(< 20)	1100	ug/Kg	10/17/2010
n-Propylbenzene	MS	(22.8) U	1120	102	(80-125)			1100	ug/Kg	10/17/2010
	MSD		1180	107		5	(< 20)	1100	ug/Kg	10/17/2010
o-Xylene	MS	(44.0) U	1100	100	(80-123)			1100	ug/Kg	10/17/2010
	MSD		1130	103		3	(< 20)	1100	ug/Kg	10/17/2010
P & M -Xylene	MS	40.3J	2160	97	(80-125)			2200	ug/Kg	10/17/2010
	MSD		2290	102		6	(< 20)	2200	ug/Kg	10/17/2010
sec-Butylbenzene	MS	(22.8) U	1140	104	(80-122)			1100	ug/Kg	10/17/2010
	MSD		1110	101		3	(< 20)	1100	ug/Kg	10/17/2010
Styrene	MS	(22.8) U	1100	100	(80-124)			1100	ug/Kg	10/17/2010
	MSD		1100	100		0	(< 20)	1100	ug/Kg	10/17/2010
tert-Butylbenzene	MS	(22.8) U	1040	95	(80-121)			1100	ug/Kg	10/17/2010
	MSD		1090	99		4	(< 20)	1100	ug/Kg	10/17/2010
Tetrachloroethene	MS	77400	73500	-363*	(79-128)			1100	ug/Kg	10/17/2010
	MSD		75200	-202*		2	(< 20)	1100	ug/Kg	10/17/2010
Toluene	MS	27.5J	1070	95	(80-125)			1100	ug/Kg	10/17/2010
	MSD		1110	99		4	(< 20)	1100	ug/Kg	10/17/2010
trans-1,2-Dichloroethene	MS	(22.8) U	1120	102	(76-126)			1100	ug/Kg	10/17/2010
	MSD		1260	115		11	(< 20)	1100	ug/Kg	10/17/2010

SGS Ref.#	997701	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	997702	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	997700			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
trans-1,3-Dichloropropene		MS	(22.8) U	1120	102	(80-124)			1100	ug/Kg	10/17/2010
		MSD		1120	102		0	(< 20)	1100	ug/Kg	10/17/2010
Trichloroethene		MS	929	2100	107	(80-123)			1100	ug/Kg	10/17/2010
		MSD		2130	110		1	(< 20)	1100	ug/Kg	10/17/2010
Trichlorofluoromethane		MS	(44.0) U	1270	115	(62-149)			1100	ug/Kg	10/17/2010
		MSD		1310	119		3	(< 20)	1100	ug/Kg	10/17/2010
Vinyl chloride		MS	(22.8) U	1480	135	(68-139)			1100	ug/Kg	10/17/2010
		MSD		1600	146*		8	(< 20)	1100	ug/Kg	10/17/2010
Xylenes (total)		MS	(90.8) U	3260	99	(86-124)			3290	ug/Kg	10/17/2010
		MSD		3420	104		5	(< 20)	3290	ug/Kg	10/17/2010
Surrogates											
1,2-Dichloroethane-D4 <surr>		MS		1110	101	(80-117)					10/17/2010
		MSD		1130	103		2				10/17/2010
4-Bromofluorobenzene <surr>		MS		2900	99	(68-136)					10/17/2010
		MSD		2860	98		2				10/17/2010
Toluene-d8 <surr>		MS		1150	105	(85-121)					10/17/2010
		MSD		1170	107		2				10/17/2010

Batch	VMS11689
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	998396	Bench Spike DIGESTED	**Printed Date/Time**		11/02/2010 15:53
			Prep	**Batch**	MXX23690
				Method	Digestion Mercury (S)
				Date	10/19/2010
Original	1105536001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals Department										
Mercury	BND	(39.2) U	321	98	(85-115)			327	ug/Kg	10/19/2010

Batch	MCV4680
Method	SW7471B
Instrument	PSA Mellennium Mercury AA

SGS Ref.#	998397	Matrix Spike	**Printed Date/Time**		11/02/2010 15:53
	998398	Matrix Spike Duplicate	**Prep**	**Batch**	MXX23690
				Method	Digestion Mercury (S)
				Date	10/19/2010
Original	1105536001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536005, 1105536006, 1105536007

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals Department											
Mercury		MS	(39.2) U	624	186*	(80-120)			335	ug/Kg	10/19/2010
		MSD		584	179*		7	(< 20)	326	ug/Kg	10/19/2010

Batch	MCV4680
Method	SW7471B
Instrument	PSA Mellennium Mercury AA

SGS Ref.#	999321	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	999322	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	999320				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105536001, 1105536002, 1105536003, 1105536004, 1105536006, 1105536007

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	999321	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999322	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	999320			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
1,1,1,2-Tetrachloroethane	MS	(65.4) U	3270	104	(80-125)			3150	ug/Kg	10/22/2010
	MSD		3250	103		0	(< 20)	3150	ug/Kg	10/22/2010
1,1,1-Trichloroethane	MS	(65.4) U	3360	107	(80-127)			3150	ug/Kg	10/22/2010
	MSD		3390	108		1	(< 20)	3150	ug/Kg	10/22/2010
1,1,2,2-Tetrachloroethane	MS	(126) U	3590	114	(80-124)			3150	ug/Kg	10/22/2010
	MSD		3610	115		1	(< 20)	3150	ug/Kg	10/22/2010
1,1,2-Trichloroethane	MS	(65.4) U	3450	110	(80-124)			3150	ug/Kg	10/22/2010
	MSD		3430	109		1	(< 20)	3150	ug/Kg	10/22/2010
1,1-Dichloroethane	MS	(65.4) U	3080	98	(77-125)			3150	ug/Kg	10/22/2010
	MSD		3090	98		0	(< 20)	3150	ug/Kg	10/22/2010
1,1-Dichloroethene	MS	(65.4) U	2870	91	(65-150)			3150	ug/Kg	10/22/2010
	MSD		2970	95		4	(< 20)	3150	ug/Kg	10/22/2010
1,1-Dichloropropene	MS	(65.4) U	3410	108	(76-134)			3150	ug/Kg	10/22/2010
	MSD		3420	109		0	(< 20)	3150	ug/Kg	10/22/2010
1,2,3-Trichlorobenzene	MS	(126) U	2710	86	(68-125)			3150	ug/Kg	10/22/2010
	MSD		2800	89		3	(< 20)	3150	ug/Kg	10/22/2010
1,2,3-Trichloropropane	MS	(65.4) U	3680	117	(78-123)			3150	ug/Kg	10/22/2010
	MSD		3640	116		1	(< 20)	3150	ug/Kg	10/22/2010
1,2,4-Trichlorobenzene	MS	(65.4) U	3050	97	(76-122)			3150	ug/Kg	10/22/2010
	MSD		2990	95		2	(< 20)	3150	ug/Kg	10/22/2010
1,2,4-Trimethylbenzene	MS	520	3450	93	(80-122)			3150	ug/Kg	10/22/2010
	MSD		3430	92		1	(< 20)	3150	ug/Kg	10/22/2010
1,2-Dibromo-3-chloropropane	MS	(260) U	3470	110	(71-128)			3150	ug/Kg	10/22/2010
	MSD		3490	111		1	(< 20)	3150	ug/Kg	10/22/2010
1,2-Dibromoethane	MS	(65.4) U	3320	106	(80-124)			3150	ug/Kg	10/22/2010
	MSD		3310	105		0	(< 20)	3150	ug/Kg	10/22/2010
1,2-Dichlorobenzene	MS	(65.4) U	3100	99	(80-120)			3150	ug/Kg	10/22/2010
	MSD		3090	98		0	(< 20)	3150	ug/Kg	10/22/2010
1,2-Dichloroethane	MS	(65.4) U	3200	102	(80-122)			3150	ug/Kg	10/22/2010
	MSD		3230	103		1	(< 20)	3150	ug/Kg	10/22/2010
1,2-Dichloropropane	MS	(65.4) U	3340	106	(80-120)			3150	ug/Kg	10/22/2010
	MSD		3390	108		2	(< 20)	3150	ug/Kg	10/22/2010
1,3,5-Trimethylbenzene	MS	166	3170	96	(80-123)			3150	ug/Kg	10/22/2010
	MSD		3130	94		1	(< 20)	3150	ug/Kg	10/22/2010
1,3-Dichlorobenzene	MS	(65.4) U	3070	98	(80-122)			3150	ug/Kg	10/22/2010
	MSD		3030	96		1	(< 20)	3150	ug/Kg	10/22/2010
1,3-Dichloropropane	MS	(65.4) U	3320	106	(80-124)			3150	ug/Kg	10/22/2010
	MSD		3330	106		0	(< 20)	3150	ug/Kg	10/22/2010
1,4-Dichlorobenzene	MS	398	3500	98	(80-122)			3150	ug/Kg	10/22/2010
	MSD		3430	97		2	(< 20)	3150	ug/Kg	10/22/2010

SGS Ref.#	999321	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999322	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	999320			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
2,2-Dichloropropane	MS		(65.4) U	3620	115	(80-129)			3150	ug/Kg	10/22/2010
	MSD			3630	115		0	(< 20)	3150	ug/Kg	10/22/2010
2-Butanone (MEK)	MS		(654) U	15300	162*	(61-140)			9440	ug/Kg	10/22/2010
	MSD			15400	164*		1	(< 20)	9440	ug/Kg	10/22/2010
2-Chlorotoluene	MS		(65.4) U	3070	98	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3090	98		0	(< 20)	3150	ug/Kg	10/22/2010
2-Hexanone	MS		(654) U	14700	156*	(74-129)			9440	ug/Kg	10/22/2010
	MSD			14900	158*		2	(< 20)	9440	ug/Kg	10/22/2010
4-Chlorotoluene	MS		(65.4) U	3100	99	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3090	98		0	(< 20)	3150	ug/Kg	10/22/2010
4-Isopropyltoluene	MS		80.6J	3160	98	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3080	95		3	(< 20)	3150	ug/Kg	10/22/2010
4-Methyl-2-pentanone (MIBK)	MS		(654) U	11100	118	(76-126)			9440	ug/Kg	10/22/2010
	MSD			11600	123		4	(< 20)	9440	ug/Kg	10/22/2010
Benzene	MS		(32.6) U	3310	105	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3320	106		0	(< 20)	3150	ug/Kg	10/22/2010
Bromobenzene	MS		(65.4) U	3290	105	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3240	103		2	(< 20)	3150	ug/Kg	10/22/2010
Bromochloromethane	MS		(65.4) U	3350	107	(72-125)			3150	ug/Kg	10/22/2010
	MSD			3330	106		1	(< 20)	3150	ug/Kg	10/22/2010
Bromodichloromethane	MS		(65.4) U	3320	106	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3330	106		0	(< 20)	3150	ug/Kg	10/22/2010
Bromoform	MS		(65.4) U	3230	103	(74-125)			3150	ug/Kg	10/22/2010
	MSD			3240	103		0	(< 20)	3150	ug/Kg	10/22/2010
Bromomethane	MS		(520) U	3110	99	(60-149)			3150	ug/Kg	10/22/2010
	MSD			3260	104		5	(< 20)	3150	ug/Kg	10/22/2010
Carbon disulfide	MS		(260) U	4160	88	(45-160)			4720	ug/Kg	10/22/2010
	MSD			4330	92		4	(< 20)	4720	ug/Kg	10/22/2010
Carbon tetrachloride	MS		(65.4) U	3130	99	(80-126)			3150	ug/Kg	10/22/2010
	MSD			3120	99		0	(< 20)	3150	ug/Kg	10/22/2010
Chlorobenzene	MS		(65.4) U	3150	100	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3130	99		1	(< 20)	3150	ug/Kg	10/22/2010
Chloroethane	MS		(520) U	2140	68	(59-154)			3150	ug/Kg	10/22/2010
	MSD			2260	72		6	(< 20)	3150	ug/Kg	10/22/2010
Chloroform	MS		(65.4) U	3200	102	(72-125)			3150	ug/Kg	10/22/2010
	MSD			3250	103		2	(< 20)	3150	ug/Kg	10/22/2010
Chloromethane	MS		(65.4) U	3950	125	(62-140)			3150	ug/Kg	10/22/2010
	MSD			3890	124		1	(< 20)	3150	ug/Kg	10/22/2010
cis-1,2-Dichloroethene	MS		(65.4) U	3310	105	(76-125)			3150	ug/Kg	10/22/2010
	MSD			3350	106		1	(< 20)	3150	ug/Kg	10/22/2010

SGS Ref.#	999321	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999322	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	999320			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
cis-1,3-Dichloropropene	MS	(65.4) U	3410	108	(80-125)			3150	ug/Kg	10/22/2010
	MSD		3460	110		1	(< 20)	3150	ug/Kg	10/22/2010
Dibromochloromethane	MS	(65.4) U	3310	105	(80-125)			3150	ug/Kg	10/22/2010
	MSD		3280	104		1	(< 20)	3150	ug/Kg	10/22/2010
Dibromomethane	MS	(65.4) U	3280	104	(80-119)			3150	ug/Kg	10/22/2010
	MSD		3280	104		0	(< 20)	3150	ug/Kg	10/22/2010
Dichlorodifluoromethane	MS	(126) U	4330	138	(51-155)			3150	ug/Kg	10/22/2010
	MSD		4420	141		2	(< 20)	3150	ug/Kg	10/22/2010
Ethylbenzene	MS	(65.4) U	3110	99	(80-123)			3150	ug/Kg	10/22/2010
	MSD		3090	98		1	(< 20)	3150	ug/Kg	10/22/2010
Hexachlorobutadiene	MS	(126) U	2790	89	(78-124)			3150	ug/Kg	10/22/2010
	MSD		2610	83		7	(< 20)	3150	ug/Kg	10/22/2010
Isopropylbenzene (Cumene)	MS	(65.4) U	2930	93	(80-123)			3150	ug/Kg	10/22/2010
	MSD		2910	93		1	(< 20)	3150	ug/Kg	10/22/2010
Methylene chloride	MS	(260) U	2640	84	(73-125)			3150	ug/Kg	10/22/2010
	MSD		2710	86		3	(< 20)	3150	ug/Kg	10/22/2010
Methyl-t-butyl ether	MS	(260) U	4880	103	(79-124)			4720	ug/Kg	10/22/2010
	MSD		4990	106		2	(< 20)	4720	ug/Kg	10/22/2010
Naphthalene	MS	1440	4480	97	(68-122)			3150	ug/Kg	10/22/2010
	MSD		4590	100		2	(< 20)	3150	ug/Kg	10/22/2010
n-Butylbenzene	MS	175	2960	89	(80-124)			3150	ug/Kg	10/22/2010
	MSD		2850	85		4	(< 20)	3150	ug/Kg	10/22/2010
n-Propylbenzene	MS	71.2J	3050	95	(80-125)			3150	ug/Kg	10/22/2010
	MSD		3000	93		2	(< 20)	3150	ug/Kg	10/22/2010
o-Xylene	MS	(126) U	3110	99	(80-123)			3150	ug/Kg	10/22/2010
	MSD		3120	99		0	(< 20)	3150	ug/Kg	10/22/2010
P & M -Xylene	MS	81.7J	6160	97	(80-125)			6290	ug/Kg	10/22/2010
	MSD		6200	97		1	(< 20)	6290	ug/Kg	10/22/2010
sec-Butylbenzene	MS	117	2900	88	(80-122)			3150	ug/Kg	10/22/2010
	MSD		2840	86		2	(< 20)	3150	ug/Kg	10/22/2010
Styrene	MS	(65.4) U	3060	97	(80-124)			3150	ug/Kg	10/22/2010
	MSD		3050	97		0	(< 20)	3150	ug/Kg	10/22/2010
tert-Butylbenzene	MS	(65.4) U	2980	95	(80-121)			3150	ug/Kg	10/22/2010
	MSD		2910	93		2	(< 20)	3150	ug/Kg	10/22/2010
Tetrachloroethene	MS	(65.4) U	3190	101	(79-128)			3150	ug/Kg	10/22/2010
	MSD		3130	99		2	(< 20)	3150	ug/Kg	10/22/2010
Toluene	MS	(126) U	3170	101	(80-125)			3150	ug/Kg	10/22/2010
	MSD		3160	100		0	(< 20)	3150	ug/Kg	10/22/2010
trans-1,2-Dichloroethene	MS	(65.4) U	3150	100	(76-126)			3150	ug/Kg	10/22/2010
	MSD		3180	101		1	(< 20)	3150	ug/Kg	10/22/2010

SGS Ref.#	999321	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999322	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	999320			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
trans-1,3-Dichloropropene	MS		(65.4) U	3030	96	(80-124)			3150	ug/Kg	10/22/2010
	MSD			3030	96		0	(< 20)	3150	ug/Kg	10/22/2010
Trichloroethene	MS		(65.4) U	3340	106	(80-123)			3150	ug/Kg	10/22/2010
	MSD			3340	106		0	(< 20)	3150	ug/Kg	10/22/2010
Trichlorofluoromethane	MS		(126) U	2640	84	(62-149)			3150	ug/Kg	10/22/2010
	MSD			2820	90		7	(< 20)	3150	ug/Kg	10/22/2010
Vinyl chloride	MS		(65.4) U	3780	120	(68-139)			3150	ug/Kg	10/22/2010
	MSD			3830	122		1	(< 20)	3150	ug/Kg	10/22/2010
Xylenes (total)	MS		(260) U	9270	98	(86-124)			9440	ug/Kg	10/22/2010
	MSD			9310	99		0	(< 20)	9440	ug/Kg	10/22/2010
Surrogates											
1,2-Dichloroethane-D4 <surr>	MS			2940	93	(80-117)					10/22/2010
	MSD			2940	93		0				10/22/2010
4-Bromofluorobenzene <surr>	MS			5200	85	(68-136)					10/22/2010
	MSD			5250	86		1				10/22/2010
Toluene-d8 <surr>	MS			3030	96	(85-121)					10/22/2010
	MSD			2970	94		2				10/22/2010

Batch	VMS11714
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	999792	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	999793	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	999791				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105536003, 1105536004, 1105536006

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	999792	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999793	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	999791			
Matrix	Solid/Soil (Wet Weight)			

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
1,1,2,2-Tetrachloroethane	MS	(26.6) U	744	112	(80-124)			667	ug/Kg	10/25/2010
	MSD		735	110		1	(< 20)	667	ug/Kg	10/25/2010
1,2,3-Trichlorobenzene	MS	(26.6) U	747	112	(68-125)			667	ug/Kg	10/25/2010
	MSD		741	111		1	(< 20)	667	ug/Kg	10/25/2010
1,2,3-Trichloropropane	MS	(13.9) U	770	115	(78-123)			667	ug/Kg	10/25/2010
	MSD		736	110		5	(< 20)	667	ug/Kg	10/25/2010
1,2,4-Trichlorobenzene	MS	(13.9) U	799	120	(76-122)			667	ug/Kg	10/25/2010
	MSD		795	119		0	(< 20)	667	ug/Kg	10/25/2010
1,2,4-Trimethylbenzene	MS	(26.6) U	735	110	(80-122)			667	ug/Kg	10/25/2010
	MSD		710	107		4	(< 20)	667	ug/Kg	10/25/2010
1,2-Dibromo-3-chloropropane	MS	(55.2) U	736	110	(71-128)			667	ug/Kg	10/25/2010
	MSD		764	115		4	(< 20)	667	ug/Kg	10/25/2010
1,2-Dichlorobenzene	MS	(13.9) U	731	110	(80-120)			667	ug/Kg	10/25/2010
	MSD		711	107		3	(< 20)	667	ug/Kg	10/25/2010
1,3,5-Trimethylbenzene	MS	(13.9) U	743	111	(80-123)			667	ug/Kg	10/25/2010
	MSD		709	106		5	(< 20)	667	ug/Kg	10/25/2010
1,3-Dichlorobenzene	MS	(13.9) U	733	110	(80-122)			667	ug/Kg	10/25/2010
	MSD		713	107		3	(< 20)	667	ug/Kg	10/25/2010
1,4-Dichlorobenzene	MS	(13.9) U	739	111	(80-122)			667	ug/Kg	10/25/2010
	MSD		720	108		3	(< 20)	667	ug/Kg	10/25/2010
2-Chlorotoluene	MS	(13.9) U	722	108	(80-123)			667	ug/Kg	10/25/2010
	MSD		687	103		5	(< 20)	667	ug/Kg	10/25/2010
4-Isopropyltoluene	MS	(13.9) U	744	112	(80-123)			667	ug/Kg	10/25/2010
	MSD		713	107		4	(< 20)	667	ug/Kg	10/25/2010
Bromobenzene	MS	(13.9) U	732	110	(80-123)			667	ug/Kg	10/25/2010
	MSD		721	108		2	(< 20)	667	ug/Kg	10/25/2010
Hexachlorobutadiene	MS	(26.6) U	813	122	(78-124)			667	ug/Kg	10/25/2010
	MSD		789	118		3	(< 20)	667	ug/Kg	10/25/2010
Naphthalene	MS	(26.6) U	824	124*	(68-122)			667	ug/Kg	10/25/2010
	MSD		802	120		3	(< 20)	667	ug/Kg	10/25/2010
n-Butylbenzene	MS	(13.9) U	727	109	(80-124)			667	ug/Kg	10/25/2010
	MSD		693	104		5	(< 20)	667	ug/Kg	10/25/2010
n-Propylbenzene	MS	(13.9) U	721	108	(80-125)			667	ug/Kg	10/25/2010
	MSD		694	104		4	(< 20)	667	ug/Kg	10/25/2010
sec-Butylbenzene	MS	(13.9) U	721	108	(80-122)			667	ug/Kg	10/25/2010
	MSD		689	103		5	(< 20)	667	ug/Kg	10/25/2010
tert-Butylbenzene	MS	(13.9) U	746	112	(80-121)			667	ug/Kg	10/25/2010
	MSD		720	108		4	(< 20)	667	ug/Kg	10/25/2010
Tetrachloroethene	MS	(13.9) U	841	126	(79-128)			667	ug/Kg	10/25/2010
	MSD		795	119		6	(< 20)	667	ug/Kg	10/25/2010

SGS Ref.#	999792	Matrix Spike	**Printed Date/Time**	11/02/2010 15:53
	999793	Matrix Spike Duplicate	**Prep**	
			Batch	
			Method	
			Date	
Original	999791			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
Surrogates									
1,2-Dichloroethane-D4 <surr>		MS	643	96	(80-117)				10/25/2010
		MSD	611	92		5			10/25/2010
4-Bromofluorobenzene <surr>		MS	1600	90	(68-136)				10/25/2010
		MSD	1550	87		3			10/25/2010
Toluene-d8 <surr>		MS	680	102	(85-121)				10/25/2010
		MSD	648	97		5			10/25/2010

Batch	VMS11716
Method	SW8260B
Instrument	HP 5890 Series II MS1 VJA

SGS Ref.#	1000512	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	1000513	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	1106859005				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105536005

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
Surrogates									
1,2-Dichloroethane-D4 <surr>		MS	1282	93	(80-117)				10/27/2010
		MSD	1282	93		0			10/27/2010
4-Bromofluorobenzene <surr>		MS	2926	79	(68-136)				10/27/2010
		MSD	3023	82		4			10/27/2010
Toluene-d8 <surr>		MS	1245	90	(85-121)				10/27/2010
		MSD	1258	91		1			10/27/2010

Batch VMS11718
Method SW8260B
Instrument HP 5890 Series II MS1 VJA

SGS Ref.#	1000519	Matrix Spike	**Printed Date/Time**	11/02/2010	15:53
	1000505	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	1000502				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105536005

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
1,2,4-Trimethylbenzene	MS	(45.6) U	1090	96	(80-122)			1140	ug/Kg	10/27/2010
	MSD		1110	97				1140	ug/Kg	10/27/2010
Naphthalene	MS	(45.6) U	1190	104	(68-122)			1140	ug/Kg	10/27/2010
	MSD		1230	107				1140	ug/Kg	10/27/2010
n-Butylbenzene	MS	(23.8) U	1100	96	(80-124)			1140	ug/Kg	10/27/2010
	MSD		1140	100				1140	ug/Kg	10/27/2010
Surrogates										
1,2-Dichloroethane-D4 <surr>	MS		1060	93	(80-117)					10/27/2010
	MSD									
4-Bromofluorobenzene <surr>	MS		2420	79	(68-136)					10/27/2010
	MSD									
Toluene-d8 <surr>	MS		1030	90	(85-121)					10/27/2010
	MSD									

Batch VMS11718
Method SW8260B
Instrument HP 5890 Series II MS1 VJA

1105536

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

CHAIN-OF-CUS

Page 1 of 1

Laboratory: SGS
Attn: Jennifer Serna

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Seattle, WA 98103
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(314) 392-0050

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2055 Hill Road
Fairbanks, AK 99709
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Anchorage, AK 99518
(907) 561-2120

2255 S.W. Canyon Road
Portland, OR 97201-2498
(503) 223-6147

1200 17th Street, Suite 1024
Denver, Co 80202
(303) 825-3800

Analysis Parameters/Sample Container Description
(include preservative if used)

Sample Identity	Lab No.	Time	Date Sampled	Comp.	Grab	GRO AK101 VOC-8PA 8260B	DRO AK102 RRO AK103 RCRA metals 6010B					Total Number of Containers	Remarks/Matrix
17391-002-SS1	1 A B	1330	10/13/10		X	X	X					2	soil
17391-002-SS2	2	1340	10/13/10		X	X	X					2	"
17391-002-SS3	3	1350	10/13/10		X	X	X					2	"
17391-002-SS4	4	1405	10/13/10		X	X	X					2	"
17391-002-SS5	5	1420	10/13/10		X	X	X					2	"
17391-002-SS6	6	1430	10/13/10		X	X	X					2	"
17391-002-SS7	7	1445	10/13/10		X	X	X					2	"
17391-002-SS8	8	1500	10/13/10		X	Hold						2	Place on Hold
Soil Trip Blank	9 A	0800	10/13/10		X	X						1	soil trip blank

Project Information		Sample Receipt	
Project Number:	17391-002	Total Number of Containers	17
Project Name:	360 E 100th AVE	COC Seals/Intact? Y/N/NA	
Contact:	Jessi Morris	Received Good Cond./Cold	
Ongoing Project?	Yes ☐ No ☒	Delivery Method:	
Sampler:	Jessi Morris	(attach shipping bill, if any)	

Instructions

Requested Turnaround Time: Standard

Special Instructions: 17391-002-SS8 Place on Hold
For VOC2/GRO/DRO/RRO/RCRA metals

Relinquished By: 1.	Relinquished By: 2.	Relinquished By: 3.
Signature: Time: ~~1415~~ 1615	Signature: Time:	Signature: Time:
Printed Name: Jessica Morris Date: 10/13/10	Printed Name: Date:	Printed Name: Date:
Company: Shannon & Wilson	Company:	Company:

Received By: 1.	Received By: 2.	Received By: 3.
Signature: Time:	Signature: Time:	Signature: Time: 1615
Printed Name: Date:	Printed Name: Date:	Printed Name: Anne Arias Date: 10/13/10
Company:	Company:	Company: SGS

Distribution: White - w/shipment - returned to Shannon & Wilson w/ laboratory report
Yellow - w/shipment - for consignee files
Pink - Shannon & Wilson - Job File

F-19-91/UR

TB29 # 13D

No. 27726

SGS

1105536

SAMPLE RECEIPT FORM

Review Criteria:	Condition:	Comments/Action Taken:
Were **custody seals** intact? Note # & location, if applicable. COC accompanied samples?	Yes No N/A Yes No N/A	
Temperature blank compliant* (i.e., 0-6°C after correction factor)? ** Note: Exemption permitted for chilled samples collected less than 8 hours ago.* Cooler ID: 1 @ 2.9 w/ Therm.ID: 135 Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ *Note: If non-compliant, use form FS-0029 to document affected samples/analyses.* If samples are received without a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "**COOLER TEMP**" will be noted to the right. In cases where neither a temp blank nor cooler temp can be obtained, note "ambient" or "chilled." **If temperature(s) <0°C, were all sample containers ice free?**	Yes No N/A Yes No N/A	
Delivery method (specify all that apply): Client USPS Alert Courier Road Runner AK Air Lynden Carlile ERA PenAir FedEx UPS NAC Other:	Note airbill/tracking # See Attached or N/A	
→ For samples received with payment, note amount ($) and cash / check / CC (circle one). → For samples received in FBKS, ANCH staff will verify all criteria are reviewed.		N/A SRF Initiated by: N/A
Do samples **match COC*** (i.e., sample IDs, dates/times collected)? ** Note: Exemption permitted if collection times differ by less than an hour; in which case, the times on the COC will be used.* Are analyses requested unambiguous?	Yes No N/A Yes No N/A	
Were samples in **good condition** (no leaks/cracks/breakage)? Packing material used (specify all that apply): Bubble Wrap Separate plastic bags Vermiculite Other:	Yes No N/A	
Were all VOA vials **free of headspace** (i.e., bubbles ≤6 mm)? Were all soil VOAs **field extracted** with MeOH+BFB? Were the bottles provided by SGS? (Note apparent exceptions.)	Yes No N/A Yes No N/A	
Were **proper containers** (type/mass/volume/preservative*) used? ** Note: Exemption permitted for waters to be analyzed for metals.* Were **Trip Blanks** (i.e., VOAs, LL-Hg) in cooler with samples?	Yes No N/A Yes No N/A	
For preserved waters (other than VOA vials, LL-Mercury or microbiological analyses), was **pH verified and compliant**? If pH was adjusted, were bottles flagged (i.e., stickers)? *Refer to attached bottle sheet (form F066) for documentation.*	Yes No N/A Yes No N/A	
For **RUSH** or **SHORT HOLD TIME** samples, were the COC & this SRF flagged, bottles flagged (e.g., stickers) and lab notified?	Yes No N/A	
For client requested, **site-specific QC** (e.g., MS/MSD/DUP), were bottles flagged (e.g., stickers) and numbered accordingly?	Yes No N/A	
For **special handling** (e.g., "MI" or foreign soils, lab filter, limited volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)?	Yes No N/A	
Was the WO# recorded in Front Counter/Sample Receiving log? **For any question answered "No," has the PM been notified and the problem resolved (or paperwork put in their bin)?**	Yes No N/A Yes No N/A	SRF Completed by: [illegible] Bottle Sheet by: [illegible] PM = N/A
Was **PEER REVIEW** of sample numbering completed (i.e., compare WO# on containers to COC, container ID on containers to COC, unique lab ID on each container?)	Yes No N/A	Peer Reviewed by: KP Metrics: 17:28
Additional notes (if applicable):		

F004r25_SampleReceiptForm_revised_07302010

WO# (7 digits)	Sample #	-	Sample #	Container ID	-	Container ID	Matrix	QC	Preservative (CHECKED)	TEST GROUP	PRINT LABELS	Notes: ANOMALIES - *e.g., preservative added* or SPECIAL HANDLING - *e.g., Multi-Incremental (MI), Field Filter (FF), Lab Filter (LF), use "same jar as" (SJA) for QC, 2xMeOH, bubbles, etc.*
SAMPLE ID							TYPE		CONTAINERS	ANALYSIS		Type comments below:
1105536	001		008	A		A	2 Soil		N/A	S_Weigh_Out		
1105536	001		008	B		B	2 Soil		MeOH+BFB *	S_GRO/VOC		#8 on hold
1105536	009		009	A		A	2 Soil	Trip Blank	MeOH+BFB *	S_GRO/VOC		

1105536

SGS North America Inc.
Alaska Division
Level II Laboratory Data Report

Project:	17391 360 E 100th Ave
Client:	Shannon & Wilson, Inc.
SGS Work Order:	1105138

Released by:

SGS North America
Alaska Division Project Manager

Jennifer Serna
2010.10.07
14:53:50
-08'00'

Contents (Bookmarked in PDF):

Case Narrative

Client	SHANNOT	Shannon & Wilson, Inc.	**Printed Date/Time**	10/6/2010	15:07
Workorder	1105138	17391 360 E 100th Ave			

Sample ID	**Client Sample ID**

Refer to the sample receipt form for information on sample condition.

1105138001 PS 17391-TP153

AK103 - Unknown hydrocarbon with several peaks is present.

1105138003 PS 17391-TP353

AK103 - Unknown hydrocarbon with several peaks is present.

1105138004 PS 17391-TP452

AK102 - The pattern is consistent with a weathered middle distillate.
AK103 - The pattern is consistent with a lube oil.

1105138005 PS 17391-SS14

AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138006 PS 17391-SS10

AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138007 PS 17391-SS9

AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138008 PS 17391-SS13

AK103 - The pattern is consistent with a lube oil.
AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

1105138009 PS 17391-SS3

AK102/103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138010 PS 17391-SS1

AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138011 PS 17391-SS6

AK103 - The pattern is consistent with a lube oil.
AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

1105138012 PS 17391-SS2

AK103 - The pattern is consistent with a lube oil.
AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

1105138014 PS 17391-S153

AK103 - The pattern is consistent with a lube oil.
AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

* QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

Case Narrative

Client	SHANNOT	Shannon & Wilson, Inc.	**Printed Date/Time**	10/6/2010	15:07
Workorder	1105138	17391 360 E 100th Ave			

Sample ID		**Client Sample ID**
1105138015	**PS**	**17391-S156**

AK103 - The pattern is consistent with a lube oil.
AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

1105138016	**PS**	**17391-S1510**

AK103 - The pattern is consistent with a lube oil.
AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

1105138017	**PS**	**17391-S1511**

AK103 - The pattern is consistent with a lube oil.

1105138018	**PS**	**17391-TP2SW1**

AK102/103 - Unknown hydrocarbon with several peaks is present.

1105138019	**PS**	**17391-CSSW1**

AK103 - Unknown hydrocarbon with several peaks is present.

992571	***MS**	**Mt. Spurr Hol...(1105096001MS)**

6020 - Metals - MS recoveries for silver and barium are outside of acceptance criteria. Post-digestion spike was successful.

992572	***MSD**	**Mt. Spurr Ho...(1105096001MSD)**

6020 - Metals - MSD recoveries for silver and chromium are outside of acceptance criteria. Post-digestion spike was successful.

992795	***MB**	**MB for HBN 846680 [VXX/21391]**

8260B - MB results for n-butylbenzene and hexachlorobutadiene were detected above the LOQ. These analytes were not detected above the LOQ in the associated samples.

992796	***LCS**	**LCS for HBN 846680 [VXX/21391]**

8260B - LCS recovery for multiple analyes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.
8260B - LCS recovery for acetone does not meet QC criteria (biased high). This analyte may be estimated where detected.

992797	***LCSD**	**LCSD for HBN 846680 [VXX/21391**

8260B - LCSD recovery for multiple analytes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.
8260B - LCSD recovery for acetone does not meet QC criteria (biased high). This analyte may be estimated where detected.

992798	***IB**	**IB for HBN 846780 [VMS/11631]**

8260B - IB results for n-butylbenzene and hexachlorobutadiene were detected above the LOQ. These analytes were not detected above the LOQ in the associated samples.
8260B - IB result for sec-butylbenzene was detected above the LOD but below the LOQ. This analyte was not detected above the LOQ in the associated samples.

992799	***CCV**	**CCV for HBN 846780 [VMS/11631]**

* QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

Client	SHANNOT	Shannon & Wilson, Inc.	**Printed Date/Time**	10/6/2010	15:07
Workorder	1105138	17391 360 E 100th Ave			

Sample ID	**Client Sample ID**	

8260B - CCV recovery for multiple analytes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.
8260B - CCV recovery for acetone does not meet QC criteria (biased high). This analyte may be estimated where detected.

992801 ***LCS** **LCS for HBN 846880 [VXX/21392]**

8260B - LCS recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

992818 ***CCV** **CCV for HBN 847180 [VMS/11632]**

8260B - CCV recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

992837 ***LCSD** **LCSD for HBN 846880 [VXX/21392**

8260B - LCSD recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

994188 ***MSD** **1105171013C(994186MSD)**

8260B - MSD recovery for hexachlorobutadiene, 1,2,3-trichlorobenzene and methyl-t-butyl ether does not meet QC criteria. Refer to LCS for accuracy.
8260B - MS/MSD RPD for 1,1,1-trichloroethane and methyl-t-butyl ether does not meet laboratory QC criteria. These analytes were not detected above the LOQ in the associated samples.

994190 ***CCV** **CCV for HBN 865080 [VMS/11648]**

8260B - ICV recovery for several analytes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.
8260B - CCV recovery for dichlorodifluoromethane and bromomethane does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

994592 ***CCV** **CCV for HBN 871580 [VMS/11653]**

8260B - ICV recovery for several analytes does not meet QC criteria (biased high). These analytes were not detected above the LOQ in the associated samples.

* QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

Laboratory Analysis Report

Jessi Morris
Shannon & Wilson, Inc
5430 Fairbanks Street, Suite 3
Anchorage, AK 99518

Work Order:	1105138
	17391 360 E 100th Ave
Client:	Shannon & Wilson, Inc.
Report Date:	October 06, 2010

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (<http://www.sgs.com/terms_and_conditions.htm>), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and AK100001 for NELAP (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6010B, 6020, 7470A, 7471B, 8021B, 8081B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, the National Environmental Laboratory Accreditation Program and other regulatory authorities. The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV	Continuing Calibration Verification
CL	Control Limit
D	The analyte concentration is the result of a dilution.
DF	Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
F	Indicates value that is greater than or equal to the DL
GT	Greater Than
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
JL	The analyte was positively identified, but the quantitation is a low estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LOD	Limit of Detection (i.e., 2xDL)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
M	A matrix effect was present.
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
Q	QC parameter out of acceptance range.
R	Rejected
RPD	Relative Percent Difference
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.
All DRO/RRO analyses are integrated per SOP.

SGS North America Inc. | Environmental Division 200 West Potter Drive Anchorage AK 99518 t(907)562.2343 f(907)561.5301
www.ussgs.com Member of SGS Group

Detectable Results Summary

Print Date: 10/6/2010 3:07 pm

Client Sample ID: **17391-TP153**

SGS Ref. #: 1105138001

Parameter	Result	Units
Metals Department		
Mercury	79.8	ug/Kg
Metals by ICP/MS		
Arsenic	6.87	mg/Kg
Barium	80.8	mg/Kg
Chromium	32.2	mg/Kg
Lead	6.31	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	148	mg/Kg

Client Sample ID: **17391-TP255**

SGS Ref. #: 1105138002

Parameter	Result	Units
Metals Department		
Mercury	100	ug/Kg
Metals by ICP/MS		
Arsenic	6.76	mg/Kg
Barium	76.9	mg/Kg
Chromium	28.7	mg/Kg
Lead	4.73	mg/Kg

Client Sample ID: **17391-TP353**

SGS Ref. #: 1105138003

Parameter	Result	Units
Metals Department		
Mercury	81.8	ug/Kg
Metals by ICP/MS		
Arsenic	6.88	mg/Kg
Barium	81.7	mg/Kg
Chromium	30.9	mg/Kg
Lead	5.67	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	154	mg/Kg

Detectable Results Summary

Print Date: 10/6/2010 3:07 pm

Client Sample ID: **17391-TP452**

SGS Ref. #: 1105138004

Parameter	Result	Units
Metals Department		
Mercury	82.7	ug/Kg
Metals by ICP/MS		
Arsenic	8.23	mg/Kg
Barium	85.2	mg/Kg
Chromium	32.5	mg/Kg
Lead	8.05	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	184	mg/Kg
Residual Range Organics	510	mg/Kg

Client Sample ID: **17391-SS14**

SGS Ref. #: 1105138005

Parameter	Result	Units
Semivolatile Organic Fuels Department		
Residual Range Organics	8640	mg/Kg

Client Sample ID: **17391-SS10**

SGS Ref. #: 1105138006

Parameter	Result	Units
Semivolatile Organic Fuels Department		
Residual Range Organics	6760	mg/Kg

Client Sample ID: **17391-SS9**

SGS Ref. #: 1105138007

Parameter	Result	Units
Semivolatile Organic Fuels Department		
Residual Range Organics	4080	mg/Kg

Client Sample ID: **17391-SS13**

SGS Ref. #: 1105138008

Parameter	Result	Units
Semivolatile Organic Fuels Department		
Residual Range Organics	6730	mg/Kg

Client Sample ID: **17391-SS3**

SGS Ref. #: 1105138009

Parameter	Result	Units
Metals by ICP/MS		
Nickel	18.1	mg/Kg
Semivolatile Organic Fuels Department		
Diesel Range Organics	9500	mg/Kg
Residual Range Organics	76000	mg/Kg

Detectable Results Summary

Print Date: 10/6/2010 3:07 pm

Client Sample ID: **17391-SS1**

SGS Ref. #: 1105138010

Parameter	Result	Units
Metals by ICP/MS		
Nickel	33.6	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	12000	mg/Kg

Client Sample ID: **17391-SS6**

SGS Ref. #: 1105138011

Parameter	Result	Units
Metals by ICP/MS		
Nickel	38.2	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	10100	mg/Kg

Client Sample ID: **17391-SS2**

SGS Ref. #: 1105138012

Parameter	Result	Units
Metals by ICP/MS		
Nickel	66.6	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	4980	mg/Kg

Client Sample ID: **17391-SS4**

SGS Ref. #: 1105138013

Parameter	Result	Units
Metals by ICP/MS		
Nickel	35.0	mg/Kg

Client Sample ID: **17391-S153**

SGS Ref. #: 1105138014

Parameter	Result	Units
Metals by ICP/MS		
Arsenic	8.09	mg/Kg
Barium	75.7	mg/Kg
Chromium	63.5	mg/Kg
Lead	22.0	mg/Kg
Nickel	46.6	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	4700	mg/Kg

Detectable Results Summary

Print Date: 10/6/2010 3:07 pm

Client Sample ID: **17391-S156**

SGS Ref. #: 1105138015

Parameter	Result	Units
Metals Department		
Mercury	50.8	ug/Kg
Metals by ICP/MS		
Arsenic	6.98	mg/Kg
Barium	79.9	mg/Kg
Chromium	55.7	mg/Kg
Lead	45.9	mg/Kg
Nickel	38.3	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	3980	mg/Kg

Client Sample ID: **17391-S1510**

SGS Ref. #: 1105138016

Parameter	Result	Units
Metals Department		
Mercury	53.8	ug/Kg
Metals by ICP/MS		
Arsenic	6.59	mg/Kg
Barium	76.5	mg/Kg
Chromium	41.3	mg/Kg
Lead	17.0	mg/Kg
Nickel	37.3	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	3450	mg/Kg

Client Sample ID: **17391-S1511**

SGS Ref. #: 1105138017

Parameter	Result	Units
Metals Department		
Mercury	43.0	ug/Kg
Metals by ICP/MS		
Arsenic	9.42	mg/Kg
Barium	80.2	mg/Kg
Chromium	66.5	mg/Kg
Lead	16.6	mg/Kg
Nickel	44.2	mg/Kg
Semivolatile Organic Fuels Department		
Residual Range Organics	8610	mg/Kg

Detectable Results Summary

Print Date: 10/6/2010 3:07 pm

Client Sample ID: **17391-TP2SW1**

SGS Ref. #: 1105138018

Semivolatile Organic Fuels Department

Parameter	Result	Units
Diesel Range Organics	0.956	mg/L
Residual Range Organics	1.85	mg/L

Client Sample ID: **17391-CSSW1**

SGS Ref. #: 1105138019

Semivolatile Organic Fuels Department

Parameter	Result	Units
Residual Range Organics	0.632	mg/L

SGS Ref.#	1105138001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:35
Client Sample ID	17391-TP153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - Unknown hydrocarbon with several peaks is present.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	79.8	43.9	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	6.87	1.09	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	80.8	0.327	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.218 U	0.218	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	32.2	0.436	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	6.31	0.218	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.545 U	0.545	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.109 U	0.109	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	4.09 U	4.09	mg/Kg	AK101	B			09/25/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	89.7		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	22.5 U	22.5	mg/Kg	AK102	A		09/30/10	09/30/10	LCE
Residual Range Organics	148	22.5	mg/Kg	AK103	A		09/30/10	09/30/10	LCE
Surrogates									
5a Androstane <surr>	91.8		%	AK102	A	50-150	09/30/10	09/30/10	LCE
n-Triacontane-d62 <surr>	107		%	AK103	A	50-150	09/30/10	09/30/10	LCE

SGS Ref.#	1105138001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:35
Client Sample ID	17391-TP153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,1-Trichloroethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2,2-Tetrachloroethane	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2-Trichloroethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloropropene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichlorobenzene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichloropropane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trichlorobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trimethylbenzene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromo-3-chloropropane	164 U	164	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromoethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichlorobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloroethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloropropane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,3,5-Trimethylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichlorobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichloropropane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,4-Dichlorobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
2,2-Dichloropropane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
2-Butanone (MEK)	409 U	409	ug/Kg	SW8260B	B			09/30/10	DSH
2-Chlorotoluene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
2-Hexanone	409 U	409	ug/Kg	SW8260B	B			09/30/10	DSH
4-Chlorotoluene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
4-Isopropyltoluene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
4-Methyl-2-pentanone (MIBK)	409 U	409	ug/Kg	SW8260B	B			09/30/10	DSH
Benzene	20.4 U	20.4	ug/Kg	SW8260B	B			09/30/10	DSH
Bromobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Bromochloromethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:35
Client Sample ID	17391-TP153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Bromoform	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Bromomethane	327 U	327	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon disulfide	164 U	164	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon tetrachloride	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Chlorobenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroethane	327 U	327	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroform	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Chloromethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,2-Dichloroethene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,3-Dichloropropene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromochloromethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromomethane	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Dichlorodifluoromethane	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
Ethylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Hexachlorobutadiene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
Isopropylbenzene (Cumene)	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Methylene chloride	164 U	164	ug/Kg	SW8260B	B			09/30/10	DSH
Methyl-t-butyl ether	164 U	164	ug/Kg	SW8260B	B			09/30/10	DSH
Naphthalene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
n-Butylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
n-Propylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
o-Xylene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
P & M -Xylene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
sec-Butylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Styrene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
tert-Butylbenzene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Tetrachloroethene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Toluene	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
trans-1,2-Dichloroethene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138001		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:35
Client Sample ID	17391-TP153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Trichloroethene	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Trichlorofluoromethane	81.8 U	81.8	ug/Kg	SW8260B	B			09/30/10	DSH
Vinyl chloride	40.9 U	40.9	ug/Kg	SW8260B	B			09/30/10	DSH
Xylenes (total)	164 U	164	ug/Kg	SW8260B	B			09/30/10	DSH
Surrogates									
1,2-Dichloroethane-D4 <surr>	103		%	SW8260B	B	69-132		09/30/10	DSH
4-Bromofluorobenzene <surr>	99.7		%	SW8260B	B	65-144		09/30/10	DSH
Toluene-d8 <surr>	99.2		%	SW8260B	B	84-124		09/30/10	DSH
Solids									
Total Solids	88.7		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:50
Client Sample ID	17391-TP255	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	100	43.8	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	6.76	1.07	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	76.9	0.320	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.213 U	0.213	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	28.7	0.426	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	4.73	0.213	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.533 U	0.533	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.107 U	0.107	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	2.51 U	2.51	mg/Kg	AK101	B			09/25/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	89.6		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	22.3 U	22.3	mg/Kg	AK102	A		09/30/10	09/30/10	LCE
Residual Range Organics	22.3 U	22.3	mg/Kg	AK103	A		09/30/10	09/30/10	LCE
Surrogates									
5a Androstane <surr>	101		%	AK102	A	50-150	09/30/10	09/30/10	LCE
n-Triacontane-d62 <surr>	108		%	AK103	A	50-150	09/30/10	09/30/10	LCE

SGS Ref.#	1105138002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:50
Client Sample ID	17391-TP255	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,1,1-Trichloroethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,1,2,2-Tetrachloroethane	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
1,1,2-Trichloroethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,1-Dichloroethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,1-Dichloroethene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,1-Dichloropropene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2,3-Trichlorobenzene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
1,2,3-Trichloropropane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2,4-Trichlorobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2,4-Trimethylbenzene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
1,2-Dibromo-3-chloropropane	100 U	100	ug/Kg	SW8260B	B			10/03/10	DSH
1,2-Dibromoethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2-Dichlorobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2-Dichloroethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,2-Dichloropropane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,3,5-Trimethylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,3-Dichlorobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,3-Dichloropropane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
1,4-Dichlorobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
2,2-Dichloropropane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
2-Butanone (MEK)	251 U	251	ug/Kg	SW8260B	B			10/03/10	DSH
2-Chlorotoluene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
2-Hexanone	251 U	251	ug/Kg	SW8260B	B			10/03/10	DSH
4-Chlorotoluene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
4-Isopropyltoluene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
4-Methyl-2-pentanone (MIBK)	251 U	251	ug/Kg	SW8260B	B			10/03/10	DSH
Benzene	12.5 U	12.5	ug/Kg	SW8260B	B			10/03/10	DSH
Bromobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Bromochloromethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH

SGS Ref.#	1105138002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:50
Client Sample ID	17391-TP255	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Bromoform	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Bromomethane	201 U	201	ug/Kg	SW8260B	B			10/03/10	DSH
Carbon disulfide	100 U	100	ug/Kg	SW8260B	B			10/03/10	DSH
Carbon tetrachloride	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Chlorobenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Chloroethane	201 U	201	ug/Kg	SW8260B	B			10/03/10	DSH
Chloroform	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Chloromethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
cis-1,2-Dichloroethene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
cis-1,3-Dichloropropene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Dibromochloromethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Dibromomethane	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Dichlorodifluoromethane	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
Ethylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Hexachlorobutadiene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
Isopropylbenzene (Cumene)	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Methylene chloride	100 U	100	ug/Kg	SW8260B	B			10/03/10	DSH
Methyl-t-butyl ether	100 U	100	ug/Kg	SW8260B	B			10/03/10	DSH
Naphthalene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
n-Butylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
n-Propylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
o-Xylene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
P & M -Xylene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
sec-Butylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Styrene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
tert-Butylbenzene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Tetrachloroethene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Toluene	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
trans-1,2-Dichloroethene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH

SGS Ref.#	1105138002		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:50
Client Sample ID	17391-TP255	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Trichloroethene	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Trichlorofluoromethane	50.2 U	50.2	ug/Kg	SW8260B	B			10/03/10	DSH
Vinyl chloride	25.1 U	25.1	ug/Kg	SW8260B	B			10/03/10	DSH
Xylenes (total)	100 U	100	ug/Kg	SW8260B	B			10/03/10	DSH
Surrogates									
1,2-Dichloroethane-D4 <surr>	99.7		%	SW8260B	B	69-132		10/03/10	DSH
4-Bromofluorobenzene <surr>	95.8		%	SW8260B	B	65-144		10/03/10	DSH
Toluene-d8 <surr>	99.1		%	SW8260B	B	84-124		10/03/10	DSH
Solids									
Total Solids	89.3		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 9:52
Client Sample ID	17391-TP353	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - Unknown hydrocarbon with several peaks is present.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	81.8	43.9	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	6.88	1.04	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	81.7	0.313	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.209 U	0.209	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	30.9	0.417	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	5.67	0.209	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.522 U	0.522	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.104 U	0.104	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	3.23 U	3.23	mg/Kg	AK101	B			09/25/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	91.9		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	33.1 U	33.1	mg/Kg	AK102	A		09/30/10	09/30/10	LCE
Residual Range Organics	154	33.1	mg/Kg	AK103	A		09/30/10	09/30/10	LCE
Surrogates									
5a Androstane <surr>	97		%	AK102	A	50-150	09/30/10	09/30/10	LCE
n-Triacontane-d62 <surr>	104		%	AK103	A	50-150	09/30/10	09/30/10	LCE

SGS Ref.#	1105138003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 9:52
Client Sample ID	17391-TP353	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,1-Trichloroethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2,2-Tetrachloroethane	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2-Trichloroethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloropropene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichlorobenzene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichloropropane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trichlorobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trimethylbenzene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromo-3-chloropropane	129 U	129	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromoethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichlorobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloroethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloropropane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,3,5-Trimethylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichlorobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichloropropane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
1,4-Dichlorobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
2,2-Dichloropropane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
2-Butanone (MEK)	323 U	323	ug/Kg	SW8260B	B			09/30/10	DSH
2-Chlorotoluene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
2-Hexanone	323 U	323	ug/Kg	SW8260B	B			09/30/10	DSH
4-Chlorotoluene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
4-Isopropyltoluene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
4-Methyl-2-pentanone (MIBK)	323 U	323	ug/Kg	SW8260B	B			09/30/10	DSH
Benzene	16.2 U	16.2	ug/Kg	SW8260B	B			09/30/10	DSH
Bromobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Bromochloromethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 9:52
Client Sample ID	17391-TP353	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Bromoform	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Bromomethane	259 U	259	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon disulfide	129 U	129	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon tetrachloride	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Chlorobenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroethane	259 U	259	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroform	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Chloromethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,2-Dichloroethene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,3-Dichloropropene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromochloromethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromomethane	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Dichlorodifluoromethane	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
Ethylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Hexachlorobutadiene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
Isopropylbenzene (Cumene)	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Methylene chloride	129 U	129	ug/Kg	SW8260B	B			09/30/10	DSH
Methyl-t-butyl ether	129 U	129	ug/Kg	SW8260B	B			09/30/10	DSH
Naphthalene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
n-Butylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
n-Propylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
o-Xylene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
P & M -Xylene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
sec-Butylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Styrene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
tert-Butylbenzene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Tetrachloroethene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Toluene	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
trans-1,2-Dichloroethene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138003		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 9:52
Client Sample ID	17391-TP353	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Trichloroethene	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Trichlorofluoromethane	64.7 U	64.7	ug/Kg	SW8260B	B			09/30/10	DSH
Vinyl chloride	32.3 U	32.3	ug/Kg	SW8260B	B			09/30/10	DSH
Xylenes (total)	129 U	129	ug/Kg	SW8260B	B			09/30/10	DSH
Surrogates									
1,2-Dichloroethane-D4 <surr>	97		%	SW8260B	B	69-132		09/30/10	DSH
4-Bromofluorobenzene <surr>	107		%	SW8260B	B	65-144		09/30/10	DSH
Toluene-d8 <surr>	94.6		%	SW8260B	B	84-124		09/30/10	DSH
Solids									
Total Solids	88.8		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 13:02
Client Sample ID	17391-TP452	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102 - The pattern is consistent with a weathered middle distillate.
AK103 - The pattern is consistent with a lube oil.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	82.7	43.7	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	8.23	1.10	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	85.2	0.331	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.221 U	0.221	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	32.5	0.442	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	8.05	0.221	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.552 U	0.552	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.110 U	0.110	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Gasoline Range Organics	3.60 U	3.60	mg/Kg	AK101	B			09/25/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	81.8		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	184	163	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	510	163	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	98.7		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	105		%	AK103	A	50-150	09/30/10	10/03/10	LCE

SGS Ref.#	1105138004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 13:02
Client Sample ID	17391-TP452	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,1-Trichloroethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2,2-Tetrachloroethane	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,1,2-Trichloroethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloroethene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,1-Dichloropropene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichlorobenzene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,3-Trichloropropane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trichlorobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2,4-Trimethylbenzene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromo-3-chloropropane	144 U	144	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dibromoethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichlorobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloroethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,2-Dichloropropane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,3,5-Trimethylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichlorobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,3-Dichloropropane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
1,4-Dichlorobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
2,2-Dichloropropane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
2-Butanone (MEK)	360 U	360	ug/Kg	SW8260B	B			09/30/10	DSH
2-Chlorotoluene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
2-Hexanone	360 U	360	ug/Kg	SW8260B	B			09/30/10	DSH
4-Chlorotoluene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
4-Isopropyltoluene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
4-Methyl-2-pentanone (MIBK)	360 U	360	ug/Kg	SW8260B	B			09/30/10	DSH
Benzene	18.0 U	18.0	ug/Kg	SW8260B	B			09/30/10	DSH
Bromobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Bromochloromethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 13:02
Client Sample ID	17391-TP452	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Bromodichloromethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Bromoform	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Bromomethane	288 U	288	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon disulfide	144 U	144	ug/Kg	SW8260B	B			09/30/10	DSH
Carbon tetrachloride	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Chlorobenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroethane	288 U	288	ug/Kg	SW8260B	B			09/30/10	DSH
Chloroform	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Chloromethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,2-Dichloroethene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
cis-1,3-Dichloropropene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromochloromethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Dibromomethane	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Dichlorodifluoromethane	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
Ethylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Hexachlorobutadiene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
Isopropylbenzene (Cumene)	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Methylene chloride	144 U	144	ug/Kg	SW8260B	B			09/30/10	DSH
Methyl-t-butyl ether	144 U	144	ug/Kg	SW8260B	B			09/30/10	DSH
Naphthalene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
n-Butylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
n-Propylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
o-Xylene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
P & M -Xylene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
sec-Butylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Styrene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
tert-Butylbenzene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Tetrachloroethene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Toluene	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
trans-1,2-Dichloroethene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH

SGS Ref.#	1105138004		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 13:02
Client Sample ID	17391-TP452	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
trans-1,3-Dichloropropene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Trichloroethene	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Trichlorofluoromethane	71.9 U	71.9	ug/Kg	SW8260B	B			09/30/10	DSH
Vinyl chloride	36.0 U	36.0	ug/Kg	SW8260B	B			09/30/10	DSH
Xylenes (total)	144 U	144	ug/Kg	SW8260B	B			09/30/10	DSH
Surrogates									
1,2-Dichloroethane-D4 <surr>	102		%	SW8260B	B	69-132		09/30/10	DSH
4-Bromofluorobenzene <surr>	95.4		%	SW8260B	B	65-144		09/30/10	DSH
Toluene-d8 <surr>	96.8		%	SW8260B	B	84-124		09/30/10	DSH
Solids									
Total Solids	89.5		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138005		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 15:45
Client Sample ID	17391-SS14	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Benzene	13.5 U	13.5	ug/Kg	SW8021B	B			09/24/10	HM
Ethylbenzene	54.0 U	54.0	ug/Kg	SW8021B	B			09/24/10	HM
Gasoline Range Organics	2.70 U	2.70	mg/Kg	AK101	B			09/24/10	HM
o-Xylene	54.0 U	54.0	ug/Kg	SW8021B	B			09/24/10	HM
P & M -Xylene	54.0 U	54.0	ug/Kg	SW8021B	B			09/24/10	HM
Toluene	54.0 U	54.0	ug/Kg	SW8021B	B			09/24/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	86		%	SW8021B	B	80-120		09/24/10	HM
4-Bromofluorobenzene <surr>	80.8		%	AK101	B	50-150		09/24/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1350 U	1350	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	8640	1350	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	98.2		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138006		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 15:10
Client Sample ID	17391-SS10	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Benzene	21.3 U	21.3	ug/Kg	SW8021B	B			09/24/10	HM
Ethylbenzene	85.3 U	85.3	ug/Kg	SW8021B	B			09/24/10	HM
Gasoline Range Organics	4.26 U	4.26	mg/Kg	AK101	B			09/24/10	HM
o-Xylene	85.3 U	85.3	ug/Kg	SW8021B	B			09/24/10	HM
P & M -Xylene	85.3 U	85.3	ug/Kg	SW8021B	B			09/24/10	HM
Toluene	85.3 U	85.3	ug/Kg	SW8021B	B			09/24/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.5		%	SW8021B	B	80-120		09/24/10	HM
4-Bromofluorobenzene <surr>	79.4		%	AK101	B	50-150		09/24/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1740 U	1740	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	6760	1740	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	95.2		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138007		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 15:06
Client Sample ID	17391-SS9	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Benzene	14.4 U	14.4	ug/Kg	SW8021B	B			09/24/10	HM
Ethylbenzene	57.4 U	57.4	ug/Kg	SW8021B	B			09/24/10	HM
Gasoline Range Organics	2.87 U	2.87	mg/Kg	AK101	B			09/24/10	HM
o-Xylene	57.4 U	57.4	ug/Kg	SW8021B	B			09/24/10	HM
P & M -Xylene	57.4 U	57.4	ug/Kg	SW8021B	B			09/24/10	HM
Toluene	57.4 U	57.4	ug/Kg	SW8021B	B			09/24/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.6		%	SW8021B	B	80-120		09/24/10	HM
4-Bromofluorobenzene <surr>	86.6		%	AK101	B	50-150		09/24/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1420 U	1420	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	4080	1420	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	95.2		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138008		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 15:30
Client Sample ID	17391-SS13	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Benzene	18.4 U	18.4	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	73.7 U	73.7	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	3.68 U	3.68	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	73.7 U	73.7	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	73.7 U	73.7	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	73.7 U	73.7	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.5		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	85.8		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1580 U	1580	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	6730	1580	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	86.3		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	89.5		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138009		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 14:18
Client Sample ID	17391-SS3	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals by ICP/MS									
Nickel	18.1	0.185	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	20.1 U	20.1	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	80.4 U	80.4	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	4.02 U	4.02	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	80.4 U	80.4	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	80.4 U	80.4	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	80.4 U	80.4	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.7		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	73.5		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	9500	2410	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	76000	2410	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	99.7		%	SM20 2540G	A			09/23/10	SLD

SGS Ref.#	1105138010		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 14:12
Client Sample ID	17391-SS1	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals by ICP/MS									
Nickel	33.6	0.198	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	14.3 U	14.3	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	57.2 U	57.2	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	2.86 U	2.86	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	57.2 U	57.2	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	57.2 U	57.2	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	57.2 U	57.2	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.5		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	79.8		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	2690 U	2690	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	12000	2690	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	97.0		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138011		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 14:30
Client Sample ID	17391-SS6	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK102/103 - 5a-Androstane and n-triacontane (surrogates) recoveries are outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals by ICP/MS									
Nickel	38.2	0.190	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	17.7 U	17.7	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	70.6 U	70.6	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	3.53 U	3.53	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	70.6 U	70.6	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	70.6 U	70.6	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	70.6 U	70.6	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	85.2		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	77		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1840 U	1840	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	10100	1840	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	0 !		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	96.0		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138012		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 14:14
Client Sample ID	17391-SS2	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals by ICP/MS									
Nickel	66.6	0.202	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	19.7 U	19.7	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	78.9 U	78.9	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	3.94 U	3.94	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	78.9 U	78.9	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	78.9 U	78.9	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	78.9 U	78.9	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	94.3		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	82		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	1430 U	1430	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	4980	1430	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	97.8		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	93.8		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138013		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 14:25
Client Sample ID	17391-SS4	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals by ICP/MS									
Nickel	35.0	0.188	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Solids									
Total Solids	98.2		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138014		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:22
Client Sample ID	17391-S153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	40.9 U	40.9	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	8.09	1.04	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	75.7	0.311	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.207 U	0.207	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	63.5	0.414	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	22.0	0.207	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Nickel	46.6	0.207	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.518 U	0.518	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.104 U	0.104	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	11.0 U	11.0	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	43.8 U	43.8	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	2.19 U	2.19	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	43.8 U	43.8	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	43.8 U	43.8	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	43.8 U	43.8	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	93.8		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	82		%	AK101	B	50-150		09/25/10	HM

Semivolatile Organic Fuels Department

SGS Ref.#	1105138014		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:22
Client Sample ID	17391-S153	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
Diesel Range Organics	1890 U	1890	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	4700	1890	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	102		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	96.0		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138015		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:35
Client Sample ID	17391-S156	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	50.8	41.1	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	6.98	1.03	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	79.9	0.308	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.205 U	0.205	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	55.7	0.410	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	45.9	0.205	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Nickel	38.3	0.205	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.513 U	0.513	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.103 U	0.103	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	10.8 U	10.8	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	43.1 U	43.1	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	2.15 U	2.15	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	43.1 U	43.1	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	43.1 U	43.1	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	43.1 U	43.1	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	96.2		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	82.3		%	AK101	B	50-150		09/25/10	HM
Semivolatile Organic Fuels Department									

SGS Ref.#	1105138015		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:35
Client Sample ID	17391-S156	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
Diesel Range Organics	1190 U	1190	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	3980	1190	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	96.9		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	95.3		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138016		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:43
Client Sample ID	17391-S1510	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

AK103 - n-Triacontane (surrogate) recovery is outside QC criteria due to sample dilution.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	53.8	42.2	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	6.59	1.06	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	76.5	0.317	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.211 U	0.211	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	41.3	0.423	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	17.0	0.211	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Nickel	37.3	0.211	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.528 U	0.528	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.106 U	0.106	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	12.4 U	12.4	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	49.5 U	49.5	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	2.47 U	2.47	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	49.5 U	49.5	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	49.5 U	49.5	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	49.5 U	49.5	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	96.1		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	77.4		%	AK101	B	50-150		09/25/10	HM

Semivolatile Organic Fuels Department

SGS Ref.#	1105138016		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:43
Client Sample ID	17391-S1510	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
Diesel Range Organics	429 U	429	mg/Kg	AK102	A		09/30/10	10/03/10	LCE
Residual Range Organics	3450	429	mg/Kg	AK103	A		09/30/10	10/03/10	LCE
Surrogates									
5a Androstane <surr>	83.8		%	AK102	A	50-150	09/30/10	10/03/10	LCE
n-Triacontane-d62 <surr>	0 !		%	AK103	A	50-150	09/30/10	10/03/10	LCE
Solids									
Total Solids	93.1		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138017		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:45
Client Sample ID	17391-S1511	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - The pattern is consistent with a lube oil.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Metals Department									
Mercury	43.0	40.3	ug/Kg	SW7471B	A		09/26/10	09/27/10	RTS
Metals by ICP/MS									
Arsenic	9.42	1.01	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Barium	80.2	0.303	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Cadmium	0.202 U	0.202	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Chromium	66.5	0.404	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Lead	16.6	0.202	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Nickel	44.2	0.202	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Selenium	0.504 U	0.504	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Silver	0.101 U	0.101	mg/Kg	SW6020	A		09/24/10	09/27/10	NRB
Volatile Fuels Department									
Benzene	11.2 U	11.2	ug/Kg	SW8021B	B			09/25/10	HM
Ethylbenzene	44.7 U	44.7	ug/Kg	SW8021B	B			09/25/10	HM
Gasoline Range Organics	2.23 U	2.23	mg/Kg	AK101	B			09/25/10	HM
o-Xylene	44.7 U	44.7	ug/Kg	SW8021B	B			09/25/10	HM
P & M -Xylene	44.7 U	44.7	ug/Kg	SW8021B	B			09/25/10	HM
Toluene	44.7 U	44.7	ug/Kg	SW8021B	B			09/25/10	HM
Surrogates									
1,4-Difluorobenzene <surr>	94.9		%	SW8021B	B	80-120		09/25/10	HM
4-Bromofluorobenzene <surr>	81.6		%	AK101	B	50-150		09/25/10	HM

Semivolatile Organic Fuels Department

SGS Ref.#	1105138017		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 17:45
Client Sample ID	17391-S1511	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Semivolatile Organic Fuels Department									
Diesel Range Organics	1650 U	1650	mg/Kg	AK102	A		09/24/10	09/28/10	LCE
Residual Range Organics	8610	1650	mg/Kg	AK103	A		09/24/10	09/28/10	LCE
Surrogates									
5a Androstane <surr>	141		%	AK102	A	50-150	09/24/10	09/28/10	LCE
n-Triacontane-d62 <surr>	138		%	AK103	A	50-150	09/24/10	09/28/10	LCE
Solids									
Total Solids	96.7		%	SM20 2540G	A			09/24/10	SHA

SGS Ref.#	1105138018		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:00
Client Sample ID	17391-TP2SW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK102/103 - Unknown hydrocarbon with several peaks is present.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.100 U	0.100	mg/L	AK101	A		09/24/10	09/24/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	114		%	AK101	A	50-150	09/24/10	09/24/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	0.956	0.842	mg/L	AK102	G		09/24/10	09/26/10	LCE
Residual Range Organics	1.85	0.526	mg/L	AK103	G		09/24/10	09/26/10	LCE
Surrogates									
5a Androstane <surr>	83.4		%	AK102	G	50-150	09/24/10	09/26/10	LCE
n-Triacontane-d62 <surr>	85.2		%	AK103	G	50-150	09/24/10	09/26/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1,1-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1,2,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1,2-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1-Dichloroethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,1-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2,3-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2,3-Trichloropropane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2,4-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2,4-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2-Dibromo-3-chloropropane	2.00 U	2.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI

SGS Ref.#	1105138018		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:00
Client Sample ID	17391-TP2SW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,2-Dibromoethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2-Dichloroethane	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,3,5-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,3-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,3-Dichloropropane	0.400 U	0.400	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
1,4-Dichlorobenzene	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
2,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
2-Butanone (MEK)	10.0 U	10.0	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
2-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
2-Hexanone	10.0 U	10.0	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
4-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
4-Isopropyltoluene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
4-Methyl-2-pentanone (MIBK)	10.0 U	10.0	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Benzene	0.400 U	0.400	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Bromobenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Bromochloromethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Bromodichloromethane	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Bromoform	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Bromomethane	3.00 U	3.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Carbon disulfide	2.00 U	2.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Carbon tetrachloride	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Chlorobenzene	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Chloroethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Chloroform	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Chloromethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
cis-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
cis-1,3-Dichloropropene	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Dibromochloromethane	0.500 U	0.500	ug/L	SW8260B	D		09/24/10	09/24/10	JPI

SGS Ref.#	1105138018		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:00
Client Sample ID	17391-TP2SW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Dibromomethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Dichlorodifluoromethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Ethylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Hexachlorobutadiene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Isopropylbenzene (Cumene)	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Methylene chloride	5.00 U	5.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Methyl-t-butyl ether	5.00 U	5.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Naphthalene	2.00 U	2.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
n-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
n-Propylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
o-Xylene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
P & M -Xylene	2.00 U	2.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
sec-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Styrene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
tert-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Tetrachloroethene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Toluene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
trans-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
trans-1,3-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Trichloroethene	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Trichlorofluoromethane	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Vinyl chloride	1.00 U	1.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Xylenes (total)	3.00 U	3.00	ug/L	SW8260B	D		09/24/10	09/24/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	111		%	SW8260B	D	73-120	09/24/10	09/24/10	JPI
4-Bromofluorobenzene <surr>	92		%	SW8260B	D	76-120	09/24/10	09/24/10	JPI
Toluene-d8 <surr>	91.5		%	SW8260B	D	80-120	09/24/10	09/24/10	JPI

SGS Ref.#	1105138019		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:30
Client Sample ID	17391-CSSW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

AK103 - Unknown hydrocarbon with several peaks is present.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.100 U	0.100	mg/L	AK101	A		09/24/10	09/24/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	115		%	AK101	A	50-150	09/24/10	09/24/10	HM
Semivolatile Organic Fuels Department									
Diesel Range Organics	0.825 U	0.825	mg/L	AK102	G		09/24/10	09/26/10	LCE
Residual Range Organics	0.632	0.515	mg/L	AK103	G		09/24/10	09/26/10	LCE
Surrogates									
5a Androstane <surr>	82.1		%	AK102	G	50-150	09/24/10	09/26/10	LCE
n-Triacontane-d62 <surr>	84.5		%	AK103	G	50-150	09/24/10	09/26/10	LCE
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1,1-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1,2,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1,2-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1-Dichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,1-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2,3-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2,3-Trichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2,4-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2,4-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2-Dibromo-3-chloropropane	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI

SGS Ref.#	1105138019		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:30
Client Sample ID	17391-CSSW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
1,2-Dibromoethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2-Dichloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,3,5-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,3-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,3-Dichloropropane	0.400 U	0.400	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
1,4-Dichlorobenzene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
2,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
2-Butanone (MEK)	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
2-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
2-Hexanone	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
4-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
4-Isopropyltoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
4-Methyl-2-pentanone (MIBK)	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Benzene	0.400 U	0.400	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Bromobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Bromochloromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Bromodichloromethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Bromoform	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Bromomethane	3.00 U	3.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Carbon disulfide	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Carbon tetrachloride	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Chlorobenzene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Chloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Chloroform	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Chloromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
cis-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
cis-1,3-Dichloropropene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Dibromochloromethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	JPI

SGS Ref.#	1105138019		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/23/2010 9:30
Client Sample ID	17391-CSSW1	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Dibromomethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Dichlorodifluoromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Ethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Hexachlorobutadiene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Isopropylbenzene (Cumene)	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Methylene chloride	5.00 U	5.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Methyl-t-butyl ether	5.00 U	5.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Naphthalene	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
n-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
n-Propylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
o-Xylene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
P & M -Xylene	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
sec-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Styrene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
tert-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Tetrachloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Toluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
trans-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
trans-1,3-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Trichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Trichlorofluoromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Vinyl chloride	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Xylenes (total)	3.00 U	3.00	ug/L	SW8260B	B		09/24/10	09/24/10	JPI
Surrogates									
1,2-Dichloroethane-D4 <surr>	109		%	SW8260B	B	73-120	09/24/10	09/24/10	JPI
4-Bromofluorobenzene <surr>	95.1		%	SW8260B	B	76-120	09/24/10	09/24/10	JPI
Toluene-d8 <surr>	92		%	SW8260B	B	80-120	09/24/10	09/24/10	JPI

SGS Ref.#	1105138020		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:00
Client Sample ID	SOIL TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	2.50 U	2.50	mg/Kg	AK101	A			09/25/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	88.8		%	AK101	A	50-150		09/25/10	HM
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1,1-Trichloroethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1,2,2-Tetrachloroethane	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1,2-Trichloroethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1-Dichloroethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1-Dichloroethene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,1-Dichloropropene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2,3-Trichlorobenzene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2,3-Trichloropropane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2,4-Trichlorobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2,4-Trimethylbenzene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2-Dibromo-3-chloropropane	100 U	100	ug/Kg	SW8260B	A			09/30/10	DSH
1,2-Dibromoethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2-Dichlorobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2-Dichloroethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,2-Dichloropropane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,3,5-Trimethylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,3-Dichlorobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,3-Dichloropropane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
1,4-Dichlorobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
2,2-Dichloropropane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH

SGS Ref.#	1105138020		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:00
Client Sample ID	SOIL TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
2-Butanone (MEK)	250 U	250	ug/Kg	SW8260B	A			09/30/10	DSH
2-Chlorotoluene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
2-Hexanone	250 U	250	ug/Kg	SW8260B	A			09/30/10	DSH
4-Chlorotoluene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
4-Isopropyltoluene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
4-Methyl-2-pentanone (MIBK)	250 U	250	ug/Kg	SW8260B	A			09/30/10	DSH
Benzene	12.5 U	12.5	ug/Kg	SW8260B	A			09/30/10	DSH
Bromobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Bromochloromethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Bromodichloromethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Bromoform	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Bromomethane	200 U	200	ug/Kg	SW8260B	A			09/30/10	DSH
Carbon disulfide	100 U	100	ug/Kg	SW8260B	A			09/30/10	DSH
Carbon tetrachloride	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Chlorobenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Chloroethane	200 U	200	ug/Kg	SW8260B	A			09/30/10	DSH
Chloroform	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Chloromethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
cis-1,2-Dichloroethene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
cis-1,3-Dichloropropene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Dibromochloromethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Dibromomethane	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Dichlorodifluoromethane	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
Ethylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Hexachlorobutadiene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
Isopropylbenzene (Cumene)	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Methylene chloride	100 U	100	ug/Kg	SW8260B	A			09/30/10	DSH
Methyl-t-butyl ether	100 U	100	ug/Kg	SW8260B	A			09/30/10	DSH
Naphthalene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
n-Butylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH

SGS Ref.#	1105138020		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:00
Client Sample ID	SOIL TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Soil/Solid (dry weight)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
n-Propylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
o-Xylene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
P & M -Xylene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
sec-Butylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Styrene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
tert-Butylbenzene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Tetrachloroethene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Toluene	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
trans-1,2-Dichloroethene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
trans-1,3-Dichloropropene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Trichloroethene	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Trichlorofluoromethane	50.0 U	50.0	ug/Kg	SW8260B	A			09/30/10	DSH
Vinyl chloride	25.0 U	25.0	ug/Kg	SW8260B	A			09/30/10	DSH
Xylenes (total)	100 U	100	ug/Kg	SW8260B	A			09/30/10	DSH
Surrogates									
1,2-Dichloroethane-D4 <surr>	104		%	SW8260B	A	69-132		09/30/10	DSH
4-Bromofluorobenzene <surr>	106		%	SW8260B	A	65-144		09/30/10	DSH
Toluene-d8 <surr>	92.1		%	SW8260B	A	84-124		09/30/10	DSH

SGS Ref.#	1105138021		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:02
Client Sample ID	WATER TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.100 U	0.100	mg/L	AK101	A		09/24/10	09/24/10	HM
Surrogates									
4-Bromofluorobenzene <surr>	115		%	AK101	A	50-150	09/24/10	09/24/10	HM
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1,1-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1,2,2-Tetrachloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1,2-Trichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1-Dichloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,1-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2,3-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2,3-Trichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2,4-Trichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2,4-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2-Dibromo-3-chloropropane	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2-Dibromoethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2-Dichloroethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,3,5-Trimethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,3-Dichlorobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,3-Dichloropropane	0.400 U	0.400	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
1,4-Dichlorobenzene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
2,2-Dichloropropane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL

SGS Ref.#	1105138021		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:02
Client Sample ID	WATER TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
2-Butanone (MEK)	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
2-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
2-Hexanone	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
4-Chlorotoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
4-Isopropyltoluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
4-Methyl-2-pentanone (MIBK)	10.0 U	10.0	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Benzene	0.400 U	0.400	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Bromobenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Bromochloromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Bromodichloromethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Bromoform	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Bromomethane	3.00 U	3.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Carbon disulfide	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Carbon tetrachloride	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Chlorobenzene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Chloroethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Chloroform	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Chloromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
cis-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
cis-1,3-Dichloropropene	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Dibromochloromethane	0.500 U	0.500	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Dibromomethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Dichlorodifluoromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Ethylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Hexachlorobutadiene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Isopropylbenzene (Cumene)	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Methylene chloride	5.00 U	5.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Methyl-t-butyl ether	5.00 U	5.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Naphthalene	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
n-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL

SGS Ref.#	1105138021		
Client Name	Shannon & Wilson, Inc.	**Printed Date/Time**	10/06/2010 15:07
Project Name/#	17391 360 E 100th Ave	**Collected Date/Time**	09/22/2010 8:02
Client Sample ID	WATER TRIP BLANK	**Received Date/Time**	09/23/2010 13:40
Matrix	Water (Surface, Eff., Ground)	**Technical Director**	**Stephen C. Ede**

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
n-Propylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
o-Xylene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
P & M -Xylene	2.00 U	2.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
sec-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Styrene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
tert-Butylbenzene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Tetrachloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Toluene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
trans-1,2-Dichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
trans-1,3-Dichloropropene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Trichloroethene	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Trichlorofluoromethane	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Vinyl chloride	1.00 U	1.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Xylenes (total)	3.00 U	3.00	ug/L	SW8260B	B		09/24/10	09/24/10	SCL
Surrogates									
1,2-Dichloroethane-D4 <surr>	118		%	SW8260B	B	73-120	09/24/10	09/24/10	SCL
4-Bromofluorobenzene <surr>	91.9		%	SW8260B	B	76-120	09/24/10	09/24/10	SCL
Toluene-d8 <surr>	91		%	SW8260B	B	80-120	09/24/10	09/24/10	SCL

SGS Ref.#	992260	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Solids					
Total Solids	100			%	09/23/10
Batch SPT8248					
Method SM20 2540G					
Instrument					

SGS Ref.#	992395	Method Blank	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	XXX23731
Project Name/#	17391 360 E 100th Ave			**Method**	SW3520C
Matrix	Water (Surface, Eff., Ground)			**Date**	09/24/2010

QC results affect the following production samples:

1105138018, 1105138019

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Semivolatile Organic Fuels Department					
Diesel Range Organics	0.500 U	0.800	0.250	mg/L	09/26/10
Surrogates					
5a Androstane <surr>	99.2	60-120		%	09/26/10
Batch XFC9527					
Method AK102					
Instrument HP 7890A FID SV E F					
Residual Range Organics	0.300 U	0.500	0.150	mg/L	09/26/10
Surrogates					
n-Triacontane-d62 <surr>	103	60-120		%	09/26/10
Batch XFC9527					
Method AK103					
Instrument HP 7890A FID SV E F					

SGS Ref.#	992564	Method Blank	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	XXX23735
Project Name/#	17391 360 E 100th Ave			**Method**	SW3550C
Matrix	Soil/Solid (dry weight)			**Date**	09/24/2010

QC results affect the following production samples:

1105138017

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Semivolatile Organic Fuels Department					
Diesel Range Organics	12.4 U	20.0	6.20	mg/Kg	09/25/10
Surrogates					
5a Androstane <surr>	95.9	60-120		%	09/25/10
Batch XFC9525					
Method AK102					
Instrument HP 7890A FID SV E R					
Residual Range Organics	12.4 U	20.0	6.20	mg/Kg	09/25/10
Surrogates					
n-Triacontane-d62 <surr>	94.2	60-120		%	09/25/10
Batch XFC9525					
Method AK103					
Instrument HP 7890A FID SV E R					

SGS Ref.#	992569	Method Blank	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	MXX23576
Project Name/#	17391 360 E 100th Ave			**Method**	SW3050B
Matrix	Soil/Solid (dry weight)			**Date**	09/24/2010

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138009, 1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Metals by ICP/MS					
Arsenic	0.620 U	1.00	0.310	mg/Kg	09/27/10
Barium	0.188 U	0.300	0.0940	mg/Kg	09/27/10
Cadmium	0.124 U	0.200	0.0620	mg/Kg	09/27/10
Chromium	0.169J	0.400	0.120	mg/Kg	09/27/10
Lead	0.124 U	0.200	0.0620	mg/Kg	09/27/10
Nickel	0.124 U	0.200	0.0620	mg/Kg	09/27/10
Selenium	0.300 U	0.500	0.150	mg/Kg	09/27/10
Silver	0.0620 U	0.100	0.0310	mg/Kg	09/27/10

Batch MMS6715
Method SW6020
Instrument Perkin Elmer Sciex ICP-MS P4

SGS Ref.#	992628 Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.	**Prep Batch**	VXX21387
Project Name/#	17391 360 E 100th Ave	**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)	**Date**	09/24/2010

QC results affect the following production samples:

1105138018, 1105138019, 1105138021

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Fuels Department					
Gasoline Range Organics	0.0620 U	0.100	0.0310	mg/L	09/24/10
Surrogates					
1,4-Difluorobenzene <surr>	87	80-120		%	09/24/10
4-Bromofluorobenzene <surr>	107	50-150		%	09/24/10

Batch VFC10186
Method AK101
Instrument HP 5890 Series II PID+FID VCA

SGS Ref.#	992640	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138020

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Fuels Department					
Benzene	0.00800 U	0.0125	0.00400	mg/Kg	09/24/10
Ethylbenzene	0.0300 U	0.0500	0.0150	mg/Kg	09/24/10
Gasoline Range Organics	1.50 U	2.50	0.750	mg/Kg	09/24/10
o-Xylene	0.0300 U	0.0500	0.0150	mg/Kg	09/24/10
P & M -Xylene	0.0300 U	0.0500	0.0150	mg/Kg	09/24/10
Toluene	0.0300 U	0.0500	0.0150	mg/Kg	09/24/10
Surrogates					
1,4-Difluorobenzene <surr>	86.1	80-120		%	09/24/10
4-Bromofluorobenzene <surr>	116	50-150		%	09/24/10

Batch VFC10187
Method AK101
Instrument HP 5890 Series II PID+FID VCA

Benzene	8.00 U	12.5	4.00	ug/Kg	09/24/10
Ethylbenzene	30.0 U	50.0	15.0	ug/Kg	09/24/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	09/24/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	09/24/10
Toluene	30.0 U	50.0	15.0	ug/Kg	09/24/10
Surrogates					
1,4-Difluorobenzene <surr>	86.1	80-120		%	09/24/10

Batch VFC10187
Method SW8021B
Instrument HP 5890 Series II PID+FID VCA

SGS Ref.#	992762	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138012, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Fuels Department					
Gasoline Range Organics	1.50 U	2.50	0.750	mg/Kg	09/24/10
Surrogates					
4-Bromofluorobenzene <surr>	90.1	50-150		%	09/24/10
Batch VFC10190					
Method AK101					
Instrument HP 5890 Series II PID+HECD VBA					
Benzene	8.00 U	12.5	4.00	ug/Kg	09/24/10
Ethylbenzene	30.0 U	50.0	15.0	ug/Kg	09/24/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	09/24/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	09/24/10
Toluene	30.0 U	50.0	15.0	ug/Kg	09/24/10
Surrogates					
1,4-Difluorobenzene <surr>	96.4	80-120		%	09/24/10
Batch VFC10190					
Method SW8021B					
Instrument HP 5890 Series II PID+HECD VBA					

SGS Ref.#	992782	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Solids					
Total Solids	100			%	09/24/10
Batch SPT8249					
Method SM20 2540G					
Instrument					

SGS Ref.#	992795	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21391
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

QC results affect the following production samples:

1105138018, 1105138019

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	992795 Method Blank		**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21391
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	09/24/10
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	09/24/10
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	09/24/10
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	09/24/10
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	09/24/10
2-Hexanone	6.20 U	10.0	3.10	ug/L	09/24/10
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	09/24/10
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	09/24/10
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	09/24/10
Benzene	0.240 U	0.400	0.120	ug/L	09/24/10
Bromobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
Bromochloromethane	0.620 U	1.00	0.310	ug/L	09/24/10
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	09/24/10
Bromoform	0.620 U	1.00	0.310	ug/L	09/24/10
Bromomethane	1.88 U	3.00	0.940	ug/L	09/24/10
Carbon disulfide	1.24 U	2.00	0.620	ug/L	09/24/10
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	09/24/10
Chlorobenzene	0.300 U	0.500	0.150	ug/L	09/24/10
Chloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
Chloroform	0.600 U	1.00	0.300	ug/L	09/24/10
Chloromethane	0.620 U	1.00	0.310	ug/L	09/24/10

SGS Ref.#	992795 Method Blank		**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21391
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

Parameter	Results		LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy						
cis-1,2-Dichloroethene	0.620 U		1.00	0.310	ug/L	09/24/10
cis-1,3-Dichloropropene	0.300 U		0.500	0.150	ug/L	09/24/10
Dibromochloromethane	0.300 U		0.500	0.150	ug/L	09/24/10
Dibromomethane	0.620 U		1.00	0.310	ug/L	09/24/10
Dichlorodifluoromethane	0.620 U		1.00	0.310	ug/L	09/24/10
Ethylbenzene	0.620 U		1.00	0.310	ug/L	09/24/10
Hexachlorobutadiene	1.43	*	1.00	0.310	ug/L	09/24/10
Isopropylbenzene (Cumene)	0.620 U		1.00	0.310	ug/L	09/24/10
Methylene chloride	2.00 U		5.00	1.00	ug/L	09/24/10
Methyl-t-butyl ether	3.00 U		5.00	1.50	ug/L	09/24/10
Naphthalene	1.24 U		2.00	0.620	ug/L	09/24/10
n-Butylbenzene	1.11	*	1.00	0.310	ug/L	09/24/10
n-Propylbenzene	0.620 U		1.00	0.310	ug/L	09/24/10
o-Xylene	0.620 U		1.00	0.310	ug/L	09/24/10
P & M -Xylene	1.24 U		2.00	0.620	ug/L	09/24/10
sec-Butylbenzene	0.490J		1.00	0.310	ug/L	09/24/10
Styrene	0.620 U		1.00	0.310	ug/L	09/24/10
tert-Butylbenzene	0.620 U		1.00	0.310	ug/L	09/24/10
Tetrachloroethene	0.620 U		1.00	0.310	ug/L	09/24/10
Toluene	0.620 U		1.00	0.310	ug/L	09/24/10
trans-1,2-Dichloroethene	0.620 U		1.00	0.310	ug/L	09/24/10
trans-1,3-Dichloropropene	0.620 U		1.00	0.310	ug/L	09/24/10
Trichloroethene	0.620 U		1.00	0.310	ug/L	09/24/10
Trichlorofluoromethane	0.620 U		1.00	0.310	ug/L	09/24/10
Vinyl chloride	0.620 U		1.00	0.310	ug/L	09/24/10
Xylenes (total)	1.88 U		3.00	0.940	ug/L	09/24/10
Surrogates						
1,2-Dichloroethane-D4 <surr>	108		73-120		%	09/24/10
4-Bromofluorobenzene <surr>	95.1		76-120		%	09/24/10
Toluene-d8 <surr>	94.1		80-120		%	09/24/10

Batch	VMS11631
Method	SW8260B
Instrument	HP 5890 Series II MS3 VNA

SGS Ref.#	992800	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21392
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

QC results affect the following production samples:

1105138021

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	992800 Method Blank		**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21392
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	09/24/10
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	09/24/10
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	09/24/10
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	09/24/10
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	09/24/10
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	09/24/10
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	09/24/10
2-Hexanone	6.20 U	10.0	3.10	ug/L	09/24/10
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	09/24/10
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	09/24/10
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	09/24/10
Benzene	0.240 U	0.400	0.120	ug/L	09/24/10
Bromobenzene	0.620 U	1.00	0.310	ug/L	09/24/10
Bromochloromethane	0.620 U	1.00	0.310	ug/L	09/24/10
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	09/24/10
Bromoform	0.620 U	1.00	0.310	ug/L	09/24/10
Bromomethane	1.88 U	3.00	0.940	ug/L	09/24/10
Carbon disulfide	1.24 U	2.00	0.620	ug/L	09/24/10
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	09/24/10
Chlorobenzene	0.300 U	0.500	0.150	ug/L	09/24/10
Chloroethane	0.620 U	1.00	0.310	ug/L	09/24/10
Chloroform	0.600 U	1.00	0.300	ug/L	09/24/10
Chloromethane	0.620 U	1.00	0.310	ug/L	09/24/10

SGS Ref.#	992800 Method Blank		**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	VXX21392
Project Name/#	17391 360 E 100th Ave		**Method**	SW5030B
Matrix	Water (Surface, Eff., Ground)		**Date**	09/24/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	09/24/10
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	09/24/10
Dibromomethane	0.620 U	1.00	0.310	ug/L	09/24/10
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	09/24/10
Ethylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	09/24/10
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	09/24/10
Methylene chloride	2.00 U	5.00	1.00	ug/L	09/24/10
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	09/24/10
Naphthalene	1.24 U	2.00	0.620	ug/L	09/24/10
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
o-Xylene	0.620 U	1.00	0.310	ug/L	09/24/10
P & M -Xylene	1.24 U	2.00	0.620	ug/L	09/24/10
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
Styrene	0.620 U	1.00	0.310	ug/L	09/24/10
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	09/24/10
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
Toluene	0.620 U	1.00	0.310	ug/L	09/24/10
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	09/24/10
Trichloroethene	0.620 U	1.00	0.310	ug/L	09/24/10
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	09/24/10
Vinyl chloride	0.620 U	1.00	0.310	ug/L	09/24/10
Xylenes (total)	1.88 U	3.00	0.940	ug/L	09/24/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	116	73-120		%	09/24/10
4-Bromofluorobenzene <surr>	93.4	76-120		%	09/24/10
Toluene-d8 <surr>	92.8	80-120		%	09/24/10

Batch	VMS11632
Method	SW8260B
Instrument	HP 5890 Series II MS3 VNA

SGS Ref.#	992825	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep Batch**	MXX23583
Project Name/#	17391 360 E 100th Ave		**Method**	METHOD
Matrix	Soil/Solid (dry weight)		**Date**	09/26/2010

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Metals Department					
Mercury	24.2 U	40.4	12.1	ug/Kg	09/27/10

Batch MCV4657
Method SW7471B
Instrument PSA Millennium mercury AA

SGS Ref.#	993811	Method Blank	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	XXX23777
Project Name/#	17391 360 E 100th Ave			**Method**	SW3550C
Matrix	Soil/Solid (dry weight)			**Date**	09/30/2010

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138012, 1105138014, 1105138015

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Semivolatile Organic Fuels Department					
Diesel Range Organics	12.4 U	20.0	6.20	mg/Kg	09/30/10
Surrogates					
5a Androstane <surr>	90	60-120		%	09/30/10
Batch XFC9541					
Method AK102					
Instrument HP 6890 Series II FID SV D R					
Residual Range Organics	12.4 U	20.0	6.20	mg/Kg	09/30/10
Surrogates					
n-Triacontane-d62 <surr>	110	60-120		%	09/30/10
Batch XFC9541					
Method AK103					
Instrument HP 6890 Series II FID SV D R					

SGS Ref.#	994015	Method Blank	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	XXX23781
Project Name/#	17391 360 E 100th Ave			**Method**	SW3550C
Matrix	Soil/Solid (dry weight)			**Date**	09/30/2010

QC results affect the following production samples:

1105138016

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Semivolatile Organic Fuels Department					
Diesel Range Organics	12.4 U	20.0	6.20	mg/Kg	10/02/10
Surrogates					
5a Androstane <surr>	85	60-120		%	10/02/10
Batch XFC9545					
Method AK102					
Instrument HP 6890 Series II FID SV D R					
Residual Range Organics	12.4 U	20.0	6.20	mg/Kg	10/02/10
Surrogates					
n-Triacontane-d62 <surr>	98.9	60-120		%	10/02/10
Batch XFC9545					
Method AK103					
Instrument HP 6890 Series II FID SV D R					

SGS Ref.#	994184	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138001, 1105138003, 1105138004, 1105138020

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994184	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
1,1,1,2-Tetrachloroethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,1,1-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,1,2,2-Tetrachloroethane	30.0 U	50.0	15.0	ug/Kg	09/30/10
1,1,2-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,1-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,1-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,1-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2,3-Trichlorobenzene	30.0 U	50.0	15.0	ug/Kg	09/30/10
1,2,3-Trichloropropane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2,4-Trichlorobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	09/30/10
1,2-Dibromo-3-chloropropane	62.0 U	100	31.0	ug/Kg	09/30/10
1,2-Dibromoethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,3,5-Trimethylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,3-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,3-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	09/30/10
1,4-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
2,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	09/30/10
2-Butanone (MEK)	156 U	250	78.0	ug/Kg	09/30/10
2-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	09/30/10
2-Hexanone	156 U	250	78.0	ug/Kg	09/30/10
4-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	09/30/10
4-Isopropyltoluene	15.6 U	25.0	7.80	ug/Kg	09/30/10
4-Methyl-2-pentanone (MIBK)	156 U	250	78.0	ug/Kg	09/30/10
Benzene	7.80 U	12.5	3.90	ug/Kg	09/30/10
Bromobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Bromochloromethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
Bromodichloromethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
Bromoform	15.6 U	25.0	7.80	ug/Kg	09/30/10
Bromomethane	124 U	200	62.0	ug/Kg	09/30/10
Carbon disulfide	62.0 U	100	31.0	ug/Kg	09/30/10
Carbon tetrachloride	15.6 U	25.0	7.80	ug/Kg	09/30/10
Chlorobenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Chloroethane	124 U	200	62.0	ug/Kg	09/30/10
Chloroform	15.6 U	25.0	7.80	ug/Kg	09/30/10
Chloromethane	15.6 U	25.0	7.80	ug/Kg	09/30/10

SGS Ref.#	994184	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
cis-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	09/30/10
cis-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Dibromochloromethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
Dibromomethane	15.6 U	25.0	7.80	ug/Kg	09/30/10
Dichlorodifluoromethane	30.0 U	50.0	15.0	ug/Kg	09/30/10
Ethylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Hexachlorobutadiene	30.0 U	50.0	15.0	ug/Kg	09/30/10
Isopropylbenzene (Cumene)	15.6 U	25.0	7.80	ug/Kg	09/30/10
Methylene chloride	62.0 U	100	31.0	ug/Kg	09/30/10
Methyl-t-butyl ether	62.0 U	100	31.0	ug/Kg	09/30/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	09/30/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
n-Propylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	09/30/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	09/30/10
sec-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Styrene	15.6 U	25.0	7.80	ug/Kg	09/30/10
tert-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Tetrachloroethene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Toluene	30.0 U	50.0	15.0	ug/Kg	09/30/10
trans-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	09/30/10
trans-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Trichloroethene	15.6 U	25.0	7.80	ug/Kg	09/30/10
Trichlorofluoromethane	30.0 U	50.0	15.0	ug/Kg	09/30/10
Vinyl chloride	15.6 U	25.0	7.80	ug/Kg	09/30/10
Xylenes (total)	62.0 U	100	31.0	ug/Kg	09/30/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	110	69-132		%	09/30/10
4-Bromofluorobenzene <surr>	110	65-144		%	09/30/10
Toluene-d8 <surr>	99.7	84-124		%	09/30/10

Batch	VMS11648
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	994586	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

QC results affect the following production samples:

1105138002

Parameter	Results	LOQ/CL	DL	Units	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994586	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,1,1-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,1,2,2-Tetrachloroethane	30.0 U	50.0	15.0	ug/Kg	10/02/10
1,1,2-Trichloroethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,1-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,1-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,1-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2,3-Trichlorobenzene	30.0 U	50.0	15.0	ug/Kg	10/02/10
1,2,3-Trichloropropane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2,4-Trichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2,4-Trimethylbenzene	30.0 U	50.0	15.0	ug/Kg	10/02/10
1,2-Dibromo-3-chloropropane	62.0 U	100	31.0	ug/Kg	10/02/10
1,2-Dibromoethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2-Dichloroethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,3,5-Trimethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,3-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,3-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/02/10
1,4-Dichlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
2,2-Dichloropropane	15.6 U	25.0	7.80	ug/Kg	10/02/10
2-Butanone (MEK)	156 U	250	78.0	ug/Kg	10/02/10
2-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/02/10
2-Hexanone	156 U	250	78.0	ug/Kg	10/02/10
4-Chlorotoluene	15.6 U	25.0	7.80	ug/Kg	10/02/10
4-Isopropyltoluene	15.6 U	25.0	7.80	ug/Kg	10/02/10
4-Methyl-2-pentanone (MIBK)	156 U	250	78.0	ug/Kg	10/02/10
Benzene	7.80 U	12.5	3.90	ug/Kg	10/02/10
Bromobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Bromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
Bromodichloromethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
Bromoform	15.6 U	25.0	7.80	ug/Kg	10/02/10
Bromomethane	124 U	200	62.0	ug/Kg	10/02/10
Carbon disulfide	62.0 U	100	31.0	ug/Kg	10/02/10
Carbon tetrachloride	15.6 U	25.0	7.80	ug/Kg	10/02/10
Chlorobenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Chloroethane	124 U	200	62.0	ug/Kg	10/02/10
Chloroform	15.6 U	25.0	7.80	ug/Kg	10/02/10
Chloromethane	15.6 U	25.0	7.80	ug/Kg	10/02/10

SGS Ref.#	994586	Method Blank	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Matrix	Soil/Solid (dry weight)			**Date**

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy					
cis-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/02/10
cis-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Dibromochloromethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
Dibromomethane	15.6 U	25.0	7.80	ug/Kg	10/02/10
Dichlorodifluoromethane	30.0 U	50.0	15.0	ug/Kg	10/02/10
Ethylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Hexachlorobutadiene	30.0 U	50.0	15.0	ug/Kg	10/02/10
Isopropylbenzene (Cumene)	15.6 U	25.0	7.80	ug/Kg	10/02/10
Methylene chloride	62.0 U	100	31.0	ug/Kg	10/02/10
Methyl-t-butyl ether	62.0 U	100	31.0	ug/Kg	10/02/10
Naphthalene	30.0 U	50.0	15.0	ug/Kg	10/02/10
n-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
n-Propylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
o-Xylene	30.0 U	50.0	15.0	ug/Kg	10/02/10
P & M -Xylene	30.0 U	50.0	15.0	ug/Kg	10/02/10
sec-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Styrene	15.6 U	25.0	7.80	ug/Kg	10/02/10
tert-Butylbenzene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Tetrachloroethene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Toluene	30.0 U	50.0	15.0	ug/Kg	10/02/10
trans-1,2-Dichloroethene	15.6 U	25.0	7.80	ug/Kg	10/02/10
trans-1,3-Dichloropropene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Trichloroethene	15.6 U	25.0	7.80	ug/Kg	10/02/10
Trichlorofluoromethane	30.0 U	50.0	15.0	ug/Kg	10/02/10
Vinyl chloride	15.6 U	25.0	7.80	ug/Kg	10/02/10
Xylenes (total)	62.0 U	100	31.0	ug/Kg	10/02/10
Surrogates					
1,2-Dichloroethane-D4 <surr>	102	69-132		%	10/02/10
4-Bromofluorobenzene <surr>	106	65-144		%	10/02/10
Toluene-d8 <surr>	107	84-124		%	10/02/10

Batch	VMS11653
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	992261	Duplicate	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Original	1106732002			**Date**
Matrix	Soil/Solid (dry weight)			

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
Solids						
Total Solids	94.9	95.8	%	1	(< 15)	09/23/2010

Batch SPT8248
Method SM20 2540G
Instrument

SGS Ref.#	992783	Duplicate	**Printed Date/Time**	10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**
Project Name/#	17391 360 E 100th Ave			**Method**
Original	1105138010			**Date**
Matrix	Soil/Solid (dry weight)			

QC results affect the following production samples:

1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
Solids						
Total Solids	97.0	96.8	%	0	(< 15)	09/24/2010

Batch SPT8249
Method SM20 2540G
Instrument

SGS Ref.#	992831	Duplicate	**Printed Date/Time**		10/06/2010 15:07
Client Name	Shannon & Wilson, Inc.		**Prep**	**Batch**	MXX23583
Project Name/#	17391 360 E 100th Ave			**Method**	METHOD
Original	1105138001			**Date**	9/26/2010 9:30:00PM
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
Metals Department						
Mercury	79.8	70.9	ug/Kg	12	(< 20)	09/27/2010

Batch MCV4657
Method SW7471B
Instrument PSA Millennium mercury AA

SGS Ref.#	992396	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992397	Lab Control Sample Duplicate	**Prep** **Batch**	XXX23731	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3520C	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

QC results affect the following production samples:

1105138018, 1105138019

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Semivolatile Organic Fuels Department								
Diesel Range Organics	LCS	4.95	99	(75-125)			5 mg/L	09/26/2010
	LCSD	5.25	105		6	(< 20)	5 mg/L	09/26/2010
Surrogates								
5a Androstane <surr>	LCS		98	(60-120)				09/26/2010
	LCSD		104		6			09/26/2010
Batch XFC9527								
Method AK102								
Instrument HP 7890A	FID SV E F							
Residual Range Organics	LCS	4.94	99	(60-120)			5 mg/L	09/26/2010
	LCSD	5.19	104		5	(< 20)	5 mg/L	09/26/2010
Surrogates								
n-Triacontane-d62 <surr>	LCS		93	(60-120)				09/26/2010
	LCSD		97		5			09/26/2010
Batch XFC9527								
Method AK103								
Instrument HP 7890A	FID SV E F							

SGS Ref.#	992565	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992566	Lab Control Sample Duplicate	**Prep** **Batch**	XXX23735	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3550C	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138017

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Semivolatile Organic Fuels Department								
Diesel Range Organics	LCS	174	105	(75-125)			167 mg/Kg	09/25/2010
	LCSD	172	103		1	(< 20)	167 mg/Kg	09/25/2010
Surrogates								
5a Androstane <surr>	LCS		96	(60-120)				09/25/2010
	LCSD		95		0			09/25/2010
Batch XFC9525								
Method AK102								
Instrument HP 7890A	FID SV E R							
Residual Range Organics	LCS	174	104	(60-120)			167 mg/Kg	09/25/2010
	LCSD	172	103		1	(< 20)	167 mg/Kg	09/25/2010
Surrogates								
n-Triacontane-d62 <surr>	LCS		84	(60-120)				09/25/2010
	LCSD		82		1			09/25/2010
Batch XFC9525								
Method AK103								
Instrument HP 7890A	FID SV E R							

SGS Ref.#	992570	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
			Prep **Batch**	MXX23576	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3050B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138009, 1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Metals by ICP/MS								
Arsenic	LCS	53.9	108	(80-120)			50 mg/Kg	09/27/2010
Barium	LCS	55.6	111	(80-120)			50 mg/Kg	09/27/2010
Cadmium	LCS	5.63	113	(80-120)			5 mg/Kg	09/27/2010
Chromium	LCS	20.9	105	(80-120)			20 mg/Kg	09/27/2010
Lead	LCS	51.8	104	(80-120)			50 mg/Kg	09/27/2010
Nickel	LCS	53.9	108	(80-120)			50 mg/Kg	09/27/2010
Selenium	LCS	53.0	106	(80-120)			50 mg/Kg	09/27/2010
Silver	LCS	5.68	114	(80-120)			5 mg/Kg	09/27/2010

Batch	MMS6715
Method	SW6020
Instrument	Perkin Elmer Sciex ICP-MS P4

SGS Ref.#	992630	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992632	Lab Control Sample Duplicate	**Prep** **Batch**	VXX21387	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

QC results affect the following production samples:

1105138018, 1105138019, 1105138021

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Gasoline Range Organics	LCS	0.210	105	(60-120)			0.200 mg/L	09/24/2010
	LCSD	0.217	109		3	(< 20)	0.200 mg/L	09/24/2010
Surrogates								
4-Bromofluorobenzene <surr>	LCS		109	(50-150)				09/24/2010
	LCSD		109		0			09/24/2010

Batch	VFC10186
Method	AK101
Instrument	HP 5890 Series II PID+FID VCA

SGS Ref.#	992641	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992642	Lab Control Sample Duplicate	**Prep**	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138020

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Benzene	LCS	1.38	111	(80-125)			1.25 mg/Kg	09/24/2010
	LCSD	1.37	110		1	(< 20)	1.25 mg/Kg	09/24/2010
Ethylbenzene	LCS	1.34	107	(85-125)			1.25 mg/Kg	09/24/2010
	LCSD	1.33	106		0	(< 20)	1.25 mg/Kg	09/24/2010
o-Xylene	LCS	1.39	111	(85-125)			1.25 mg/Kg	09/24/2010
	LCSD	1.38	111		1	(< 20)	1.25 mg/Kg	09/24/2010
P & M -Xylene	LCS	2.63	105	(85-125)			2.50 mg/Kg	09/24/2010
	LCSD	2.62	105		1	(< 20)	2.50 mg/Kg	09/24/2010
Toluene	LCS	1.34	108	(85-120)			1.25 mg/Kg	09/24/2010
	LCSD	1.34	107		1	(< 20)	1.25 mg/Kg	09/24/2010
Surrogates								
1,4-Difluorobenzene <surr>	LCS		92	(80-120)				09/24/2010
	LCSD		92		0			09/24/2010

Batch	VFC10187
Method	AK101
Instrument	HP 5890 Series II PID+FID VCA

SGS Ref.#	992641	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
	992642	Lab Control Sample Duplicate	**Prep**	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Benzene	LCS	1380	111	(80-125)			1250 ug/Kg	09/24/2010
	LCSD	1370	110		1	(< 20)	1250 ug/Kg	09/24/2010
Ethylbenzene	LCS	1340	107	(85-125)			1250 ug/Kg	09/24/2010
	LCSD	1330	106		0	(< 20)	1250 ug/Kg	09/24/2010
o-Xylene	LCS	1390	111	(85-125)			1250 ug/Kg	09/24/2010
	LCSD	1380	111		1	(< 20)	1250 ug/Kg	09/24/2010
P & M -Xylene	LCS	2630	105	(85-125)			2500 ug/Kg	09/24/2010
	LCSD	2620	105		1	(< 20)	2500 ug/Kg	09/24/2010
Toluene	LCS	1340	108	(85-120)			1250 ug/Kg	09/24/2010
	LCSD	1340	107		1	(< 20)	1250 ug/Kg	09/24/2010
Surrogates								
1,4-Difluorobenzene <surr>	LCS		92	(80-120)				09/24/2010
	LCSD		92		0			09/24/2010

Batch	VFC10187
Method	SW8021B
Instrument	HP 5890 Series II PID+FID VCA

SGS Ref.#	992643	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992644	Lab Control Sample Duplicate	**Prep**	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138020

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Gasoline Range Organics	LCS	11.6	103	(60-120)			11.3 mg/Kg	09/24/2010
	LCSD	11.5	102		1	(< 20)	11.3 mg/Kg	09/24/2010
Surrogates								
4-Bromofluorobenzene <surr>	LCS		115	(50-150)				09/24/2010
	LCSD		116		2			09/24/2010

Batch	VFC10187
Method	AK101
Instrument	HP 5890 Series II PID+FID VCA

SGS Ref.#	992763	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
	992764	Lab Control Sample Duplicate	**Prep**	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

QC results affect the following production samples:

1105138012, 1105138014, 1105138015, 1105138016, 1105138017

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Benzene	LCS	1290	104	(80-125)			1250 ug/Kg	09/24/2010
	LCSD	1270	102		2	(< 20)	1250 ug/Kg	09/24/2010
Ethylbenzene	LCS	1300	104	(85-125)			1250 ug/Kg	09/24/2010
	LCSD	1280	102		2	(< 20)	1250 ug/Kg	09/24/2010
o-Xylene	LCS	1300	104	(85-125)			1250 ug/Kg	09/24/2010
	LCSD	1270	102		2	(< 20)	1250 ug/Kg	09/24/2010
P & M -Xylene	LCS	2630	105	(85-125)			2500 ug/Kg	09/24/2010
	LCSD	2580	103		2	(< 20)	2500 ug/Kg	09/24/2010
Toluene	LCS	1280	103	(85-120)			1250 ug/Kg	09/24/2010
	LCSD	1270	101		1	(< 20)	1250 ug/Kg	09/24/2010
Surrogates								
1,4-Difluorobenzene <surr>	LCS		100	(80-120)				09/24/2010
	LCSD		100		0			09/24/2010

Batch	VFC10190
Method	SW8021B
Instrument	HP 5890 Series II PID+HECD VBA

SGS Ref.#	992765	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992766	Lab Control Sample Duplicate	**Prep**	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138012, 1105138014, 1105138015, 1105138016, 1105138017

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Fuels Department								
Gasoline Range Organics	LCS	10.4	93	(60-120)			11.3 mg/Kg	09/24/2010
	LCSD	10.4	93		0	(< 20)	11.3 mg/Kg	09/24/2010
Surrogates								
4-Bromofluorobenzene <surr>	LCS		91	(50-150)				09/24/2010
	LCSD		94		4			09/24/2010

Batch	VFC10190
Method	AK101
Instrument	HP 5890 Series II PID+HECD VBA

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep** **Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

QC results affect the following production samples:

1105138018, 1105138019

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
1,1,1,2-Tetrachloroethane	LCS	34.4	115		(80-120)			30 ug/L	09/24/2010
	LCSD	35.3	118			3	(< 20)	30 ug/L	09/24/2010
1,1,1-Trichloroethane	LCS	36.8	123	*	(80-122)			30 ug/L	09/24/2010
	LCSD	37.0	123	*		0	(< 20)	30 ug/L	09/24/2010
1,1,2,2-Tetrachloroethane	LCS	29.6	99		(76-123)			30 ug/L	09/24/2010
	LCSD	29.0	97			2	(< 20)	30 ug/L	09/24/2010
1,1,2-Trichloroethane	LCS	31.6	105		(77-120)			30 ug/L	09/24/2010
	LCSD	31.8	106			1	(< 20)	30 ug/L	09/24/2010
1,1-Dichloroethane	LCS	31.2	104		(80-120)			30 ug/L	09/24/2010
	LCSD	31.3	104			0	(< 20)	30 ug/L	09/24/2010
1,1-Dichloroethene	LCS	30.7	102		(76-130)			30 ug/L	09/24/2010
	LCSD	30.7	102			0	(< 20)	30 ug/L	09/24/2010
1,1-Dichloropropene	LCS	36.2	121		(80-122)			30 ug/L	09/24/2010
	LCSD	33.9	113			7	(< 20)	30 ug/L	09/24/2010
1,2,3-Trichlorobenzene	LCS	31.3	104		(77-120)			30 ug/L	09/24/2010
	LCSD	30.3	101			3	(< 20)	30 ug/L	09/24/2010
1,2,3-Trichloropropane	LCS	29.2	97		(80-120)			30 ug/L	09/24/2010
	LCSD	28.7	96			2	(< 20)	30 ug/L	09/24/2010
1,2,4-Trichlorobenzene	LCS	30.0	100		(80-120)			30 ug/L	09/24/2010
	LCSD	28.7	96			4	(< 20)	30 ug/L	09/24/2010
1,2,4-Trimethylbenzene	LCS	30.4	101		(80-125)			30 ug/L	09/24/2010
	LCSD	30.0	100			1	(< 20)	30 ug/L	09/24/2010
1,2-Dibromo-3-chloropropane	LCS	31.1	104		(73-130)			30 ug/L	09/24/2010
	LCSD	30.0	100			4	(< 20)	30 ug/L	09/24/2010
1,2-Dibromoethane	LCS	32.8	109		(80-120)			30 ug/L	09/24/2010
	LCSD	32.8	109			0	(< 20)	30 ug/L	09/24/2010
1,2-Dichlorobenzene	LCS	30.5	102		(80-120)			30 ug/L	09/24/2010
	LCSD	30.7	102			1	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,2-Dichloroethane	LCS	31.5	105	(80-129)			30 ug/L	09/24/2010
	LCSD	32.2	107		2	(< 20)	30 ug/L	09/24/2010
1,2-Dichloropropane	LCS	34.0	113	(80-121)			30 ug/L	09/24/2010
	LCSD	34.4	115		1	(< 20)	30 ug/L	09/24/2010
1,3,5-Trimethylbenzene	LCS	30.3	101	(80-128)			30 ug/L	09/24/2010
	LCSD	29.9	100		1	(< 20)	30 ug/L	09/24/2010
1,3-Dichlorobenzene	LCS	31.4	105	(80-120)			30 ug/L	09/24/2010
	LCSD	31.5	105		0	(< 20)	30 ug/L	09/24/2010
1,3-Dichloropropane	LCS	33.3	111	(80-121)			30 ug/L	09/24/2010
	LCSD	33.2	111		0	(< 20)	30 ug/L	09/24/2010
1,4-Dichlorobenzene	LCS	30.0	100	(80-120)			30 ug/L	09/24/2010
	LCSD	29.9	100		0	(< 20)	30 ug/L	09/24/2010
2,2-Dichloropropane	LCS	37.2	124	(80-132)			30 ug/L	09/24/2010
	LCSD	36.6	122		2	(< 20)	30 ug/L	09/24/2010
2-Butanone (MEK)	LCS	124	137 *	(66-136)			90 ug/L	09/24/2010
	LCSD	127	141 *		2	(< 20)	90 ug/L	09/24/2010
2-Chlorotoluene	LCS	32.8	109	(80-125)			30 ug/L	09/24/2010
	LCSD	32.0	107		2	(< 20)	30 ug/L	09/24/2010
2-Hexanone	LCS	106	118	(68-130)			90 ug/L	09/24/2010
	LCSD	105	117		1	(< 20)	90 ug/L	09/24/2010
4-Chlorotoluene	LCS	32.4	108	(79-128)			30 ug/L	09/24/2010
	LCSD	32.4	108		0	(< 20)	30 ug/L	09/24/2010
4-Isopropyltoluene	LCS	30.5	102	(80-125)			30 ug/L	09/24/2010
	LCSD	30.3	101		1	(< 20)	30 ug/L	09/24/2010
4-Methyl-2-pentanone (MIBK)	LCS	98.9	110	(69-134)			90 ug/L	09/24/2010
	LCSD	95.7	106		3	(< 20)	90 ug/L	09/24/2010
Benzene	LCS	35.6	119	(80-120)			30 ug/L	09/24/2010

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
	LCSD	36.0	120		1	(< 20)	30 ug/L	09/24/2010
Bromobenzene	LCS	30.4	101	(80-120)			30 ug/L	09/24/2010
	LCSD	30.8	103		2	(< 20)	30 ug/L	09/24/2010
Bromochloromethane	LCS	30.9	103	(77-129)			30 ug/L	09/24/2010
	LCSD	29.6	99		5	(< 20)	30 ug/L	09/24/2010
Bromodichloromethane	LCS	31.9	106	(80-120)			30 ug/L	09/24/2010
	LCSD	32.6	109		2	(< 20)	30 ug/L	09/24/2010
Bromoform	LCS	31.2	104	(80-120)			30 ug/L	09/24/2010
	LCSD	31.0	103		0	(< 20)	30 ug/L	09/24/2010
Bromomethane	LCS	33.9	113	(30-140)			30 ug/L	09/24/2010
	LCSD	36.6	122		8	(< 20)	30 ug/L	09/24/2010
Carbon disulfide	LCS	54.3	121	(72-123)			45 ug/L	09/24/2010
	LCSD	53.8	119		1	(< 20)	45 ug/L	09/24/2010
Carbon tetrachloride	LCS	42.4	141 *	(80-126)			30 ug/L	09/24/2010
	LCSD	38.2	127 *		10	(< 20)	30 ug/L	09/24/2010
Chlorobenzene	LCS	34.5	115	(80-120)			30 ug/L	09/24/2010
	LCSD	34.1	114		1	(< 20)	30 ug/L	09/24/2010
Chloroethane	LCS	32.8	109	(67-133)			30 ug/L	09/24/2010
	LCSD	32.7	109		0	(< 20)	30 ug/L	09/24/2010
Chloroform	LCS	30.9	103	(80-124)			30 ug/L	09/24/2010
	LCSD	32.9	110		6	(< 20)	30 ug/L	09/24/2010
Chloromethane	LCS	38.1	127 *	(67-125)			30 ug/L	09/24/2010
	LCSD	37.2	124		2	(< 20)	30 ug/L	09/24/2010
cis-1,2-Dichloroethene	LCS	30.2	101	(80-125)			30 ug/L	09/24/2010
	LCSD	30.3	101		0	(< 20)	30 ug/L	09/24/2010
cis-1,3-Dichloropropene	LCS	31.6	105	(80-120)			30 ug/L	09/24/2010
	LCSD	32.4	108		2	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Dibromochloromethane	LCS	31.6	105	(80-120)			30 ug/L	09/24/2010
	LCSD	32.2	107		2	(< 20)	30 ug/L	09/24/2010
Dibromomethane	LCS	33.3	111	(80-120)			30 ug/L	09/24/2010
	LCSD	34.4	115		3	(< 20)	30 ug/L	09/24/2010
Dichlorodifluoromethane	LCS	49.3	164 *	(62-153)			30 ug/L	09/24/2010
	LCSD	48.7	162 *		1	(< 20)	30 ug/L	09/24/2010
Ethylbenzene	LCS	35.1	117	(80-120)			30 ug/L	09/24/2010
	LCSD	35.0	117		0	(< 20)	30 ug/L	09/24/2010
Hexachlorobutadiene	LCS	31.2	104	(77-125)			30 ug/L	09/24/2010
	LCSD	31.0	103		1	(< 20)	30 ug/L	09/24/2010
Isopropylbenzene (Cumene)	LCS	32.4	108	(80-121)			30 ug/L	09/24/2010
	LCSD	31.8	106		2	(< 20)	30 ug/L	09/24/2010
Methylene chloride	LCS	32.2	107	(63-131)			30 ug/L	09/24/2010
	LCSD	32.7	109		2	(< 20)	30 ug/L	09/24/2010
Methyl-t-butyl ether	LCS	46.5	103	(80-120)			45 ug/L	09/24/2010
	LCSD	46.2	103		1	(< 20)	45 ug/L	09/24/2010
Naphthalene	LCS	27.8	93	(75-120)			30 ug/L	09/24/2010
	LCSD	25.8	86		8	(< 20)	30 ug/L	09/24/2010
n-Butylbenzene	LCS	30.1	100	(80-124)			30 ug/L	09/24/2010
	LCSD	29.8	99		1	(< 20)	30 ug/L	09/24/2010
n-Propylbenzene	LCS	33.0	110	(80-129)			30 ug/L	09/24/2010
	LCSD	32.4	108		2	(< 20)	30 ug/L	09/24/2010
o-Xylene	LCS	32.0	107	(80-120)			30 ug/L	09/24/2010
	LCSD	31.9	106		0	(< 20)	30 ug/L	09/24/2010
P & M -Xylene	LCS	62.8	105	(80-120)			60 ug/L	09/24/2010
	LCSD	63.1	105		0	(< 20)	60 ug/L	09/24/2010
sec-Butylbenzene	LCS	30.9	103	(80-120)			30 ug/L	09/24/2010
	LCSD	30.9	103		0	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Styrene	LCS	32.1	107	(80-120)			30 ug/L	09/24/2010
	LCSD	32.9	110		2	(< 20)	30 ug/L	09/24/2010
tert-Butylbenzene	LCS	30.1	100	(80-122)			30 ug/L	09/24/2010
	LCSD	29.6	99		2	(< 20)	30 ug/L	09/24/2010
Tetrachloroethene	LCS	34.2	114	(79-122)			30 ug/L	09/24/2010
	LCSD	33.8	113		1	(< 20)	30 ug/L	09/24/2010
Toluene	LCS	33.2	111	(77-120)			30 ug/L	09/24/2010
	LCSD	32.4	108		2	(< 20)	30 ug/L	09/24/2010
trans-1,2-Dichloroethene	LCS	31.1	104	(79-132)			30 ug/L	09/24/2010
	LCSD	30.9	103		0	(< 20)	30 ug/L	09/24/2010
trans-1,3-Dichloropropene	LCS	30.5	102	(80-124)			30 ug/L	09/24/2010
	LCSD	30.8	103		1	(< 20)	30 ug/L	09/24/2010
Trichloroethene	LCS	34.5	115	(80-125)			30 ug/L	09/24/2010
	LCSD	34.5	115		0	(< 20)	30 ug/L	09/24/2010
Trichlorofluoromethane	LCS	37.1	124	(68-145)			30 ug/L	09/24/2010
	LCSD	37.9	126		2	(< 20)	30 ug/L	09/24/2010
Vinyl chloride	LCS	36.3	121	(72-145)			30 ug/L	09/24/2010
	LCSD	33.9	113		7	(< 20)	30 ug/L	09/24/2010
Xylenes (total)	LCS	94.8	105	(80-120)			90 ug/L	09/24/2010
	LCSD	95.0	106		0	(< 20)	90 ug/L	09/24/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		99	(73-120)				09/24/2010
	LCSD		101		1			09/24/2010
4-Bromofluorobenzene <surr>	LCS		98	(76-120)				09/24/2010
	LCSD		98		0			09/24/2010
Toluene-d8 <surr>	LCS		102	(80-120)				09/24/2010
	LCSD		102		0			09/24/2010

SGS Ref.#	992796	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992797	Lab Control Sample Duplicate	**Prep** **Batch**	VXX21391	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

Batch VMS11631
Method SW8260B
Instrument HP 5890 Series II MS3 VNA

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep** **Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

QC results affect the following production samples:

1105138021

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,1,2-Tetrachloroethane	LCS	31.6	105	(80-120)			30 ug/L	09/24/2010
	LCSD	30.6	102		3	(< 20)	30 ug/L	09/24/2010
1,1,1-Trichloroethane	LCS	35.9	120	(80-122)			30 ug/L	09/24/2010
	LCSD	34.8	116		3	(< 20)	30 ug/L	09/24/2010
1,1,2,2-Tetrachloroethane	LCS	29.0	97	(76-123)			30 ug/L	09/24/2010
	LCSD	30.2	101		4	(< 20)	30 ug/L	09/24/2010
1,1,2-Trichloroethane	LCS	30.1	100	(77-120)			30 ug/L	09/24/2010
	LCSD	30.3	101		1	(< 20)	30 ug/L	09/24/2010
1,1-Dichloroethane	LCS	31.9	106	(80-120)			30 ug/L	09/24/2010
	LCSD	31.0	103		3	(< 20)	30 ug/L	09/24/2010
1,1-Dichloroethene	LCS	32.9	110	(76-130)			30 ug/L	09/24/2010
	LCSD	31.0	103		6	(< 20)	30 ug/L	09/24/2010
1,1-Dichloropropene	LCS	31.8	106	(80-122)			30 ug/L	09/24/2010
	LCSD	30.2	101		5	(< 20)	30 ug/L	09/24/2010
1,2,3-Trichlorobenzene	LCS	29.4	98	(77-120)			30 ug/L	09/24/2010
	LCSD	30.4	101		3	(< 20)	30 ug/L	09/24/2010
1,2,3-Trichloropropane	LCS	29.9	100	(80-120)			30 ug/L	09/24/2010
	LCSD	31.0	103		4	(< 20)	30 ug/L	09/24/2010
1,2,4-Trichlorobenzene	LCS	29.9	100	(80-120)			30 ug/L	09/24/2010
	LCSD	30.0	100		1	(< 20)	30 ug/L	09/24/2010
1,2,4-Trimethylbenzene	LCS	31.7	106	(80-125)			30 ug/L	09/24/2010
	LCSD	30.3	101		5	(< 20)	30 ug/L	09/24/2010
1,2-Dibromo-3-chloropropane	LCS	27.5	92	(73-130)			30 ug/L	09/24/2010
	LCSD	29.5	98		7	(< 20)	30 ug/L	09/24/2010
1,2-Dibromoethane	LCS	31.9	106	(80-120)			30 ug/L	09/24/2010
	LCSD	32.6	109		2	(< 20)	30 ug/L	09/24/2010
1,2-Dichlorobenzene	LCS	30.5	102	(80-120)			30 ug/L	09/24/2010
	LCSD	30.1	100		1	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,2-Dichloroethane	LCS	32.3	108	(80-129)			30 ug/L	09/24/2010
	LCSD	31.8	106		2	(< 20)	30 ug/L	09/24/2010
1,2-Dichloropropane	LCS	32.8	109	(80-121)			30 ug/L	09/24/2010
	LCSD	31.5	105		4	(< 20)	30 ug/L	09/24/2010
1,3,5-Trimethylbenzene	LCS	30.6	102	(80-128)			30 ug/L	09/24/2010
	LCSD	29.5	98		4	(< 20)	30 ug/L	09/24/2010
1,3-Dichlorobenzene	LCS	32.4	108	(80-120)			30 ug/L	09/24/2010
	LCSD	31.4	105		3	(< 20)	30 ug/L	09/24/2010
1,3-Dichloropropane	LCS	32.9	110	(80-121)			30 ug/L	09/24/2010
	LCSD	33.7	112		2	(< 20)	30 ug/L	09/24/2010
1,4-Dichlorobenzene	LCS	31.2	104	(80-120)			30 ug/L	09/24/2010
	LCSD	30.7	102		2	(< 20)	30 ug/L	09/24/2010
2,2-Dichloropropane	LCS	41.7	139 *	(80-132)			30 ug/L	09/24/2010
	LCSD	39.6	132		5	(< 20)	30 ug/L	09/24/2010
2-Butanone (MEK)	LCS	144	159 *	(66-136)			90 ug/L	09/24/2010
	LCSD	145	161 *		1	(< 20)	90 ug/L	09/24/2010
2-Chlorotoluene	LCS	32.8	109	(80-125)			30 ug/L	09/24/2010
	LCSD	31.3	104		5	(< 20)	30 ug/L	09/24/2010
2-Hexanone	LCS	102	113	(68-130)			90 ug/L	09/24/2010
	LCSD	112	124		10	(< 20)	90 ug/L	09/24/2010
4-Chlorotoluene	LCS	33.8	113	(79-128)			30 ug/L	09/24/2010
	LCSD	32.6	109		4	(< 20)	30 ug/L	09/24/2010
4-Isopropyltoluene	LCS	30.9	103	(80-125)			30 ug/L	09/24/2010
	LCSD	30.1	100		3	(< 20)	30 ug/L	09/24/2010
4-Methyl-2-pentanone (MIBK)	LCS	88.1	98	(69-134)			90 ug/L	09/24/2010
	LCSD	95.7	106		8	(< 20)	90 ug/L	09/24/2010
Benzene	LCS	35.9	120	(80-120)			30 ug/L	09/24/2010

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov		LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
	LCSD	33.8	113			6	(< 20)	30 ug/L	09/24/2010
Bromobenzene	LCS	30.8	103		(80-120)			30 ug/L	09/24/2010
	LCSD	30.3	101			2	(< 20)	30 ug/L	09/24/2010
Bromochloromethane	LCS	33.2	111		(77-129)			30 ug/L	09/24/2010
	LCSD	33.0	110			1	(< 20)	30 ug/L	09/24/2010
Bromodichloromethane	LCS	36.6	122	*	(80-120)			30 ug/L	09/24/2010
	LCSD	35.0	117			5	(< 20)	30 ug/L	09/24/2010
Bromoform	LCS	30.5	102		(80-120)			30 ug/L	09/24/2010
	LCSD	31.0	103			2	(< 20)	30 ug/L	09/24/2010
Bromomethane	LCS	29.3	98		(30-140)			30 ug/L	09/24/2010
	LCSD	29.5	98			1	(< 20)	30 ug/L	09/24/2010
Carbon disulfide	LCS	52.1	116		(72-123)			45 ug/L	09/24/2010
	LCSD	49.2	109			6	(< 20)	45 ug/L	09/24/2010
Carbon tetrachloride	LCS	37.2	124		(80-126)			30 ug/L	09/24/2010
	LCSD	34.9	116			6	(< 20)	30 ug/L	09/24/2010
Chlorobenzene	LCS	34.4	115		(80-120)			30 ug/L	09/24/2010
	LCSD	33.0	110			4	(< 20)	30 ug/L	09/24/2010
Chloroethane	LCS	38.0	127		(67-133)			30 ug/L	09/24/2010
	LCSD	33.6	112			13	(< 20)	30 ug/L	09/24/2010
Chloroform	LCS	33.7	112		(80-124)			30 ug/L	09/24/2010
	LCSD	31.7	106			6	(< 20)	30 ug/L	09/24/2010
Chloromethane	LCS	37.7	126	*	(67-125)			30 ug/L	09/24/2010
	LCSD	35.3	118			7	(< 20)	30 ug/L	09/24/2010
cis-1,2-Dichloroethene	LCS	33.4	111		(80-125)			30 ug/L	09/24/2010
	LCSD	32.2	107			4	(< 20)	30 ug/L	09/24/2010
cis-1,3-Dichloropropene	LCS	33.2	111		(80-120)			30 ug/L	09/24/2010
	LCSD	32.7	109			1	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Dibromochloromethane	LCS	31.1	104	(80-120)			30 ug/L	09/24/2010
	LCSD	31.5	105		1	(< 20)	30 ug/L	09/24/2010
Dibromomethane	LCS	32.6	109	(80-120)			30 ug/L	09/24/2010
	LCSD	32.2	107		1	(< 20)	30 ug/L	09/24/2010
Dichlorodifluoromethane	LCS	52.6	175 *	(62-153)			30 ug/L	09/24/2010
	LCSD	49.6	165 *		6	(< 20)	30 ug/L	09/24/2010
Ethylbenzene	LCS	35.1	117	(80-120)			30 ug/L	09/24/2010
	LCSD	33.8	113		4	(< 20)	30 ug/L	09/24/2010
Hexachlorobutadiene	LCS	32.7	109	(77-125)			30 ug/L	09/24/2010
	LCSD	31.9	106		3	(< 20)	30 ug/L	09/24/2010
Isopropylbenzene (Cumene)	LCS	31.9	106	(80-121)			30 ug/L	09/24/2010
	LCSD	30.9	103		3	(< 20)	30 ug/L	09/24/2010
Methylene chloride	LCS	34.3	114	(63-131)			30 ug/L	09/24/2010
	LCSD	33.2	111		3	(< 20)	30 ug/L	09/24/2010
Methyl-t-butyl ether	LCS	44.3	98	(80-120)			45 ug/L	09/24/2010
	LCSD	45.5	101		3	(< 20)	45 ug/L	09/24/2010
Naphthalene	LCS	28.2	94	(75-120)			30 ug/L	09/24/2010
	LCSD	29.7	99		5	(< 20)	30 ug/L	09/24/2010
n-Butylbenzene	LCS	31.4	105	(80-124)			30 ug/L	09/24/2010
	LCSD	30.3	101		4	(< 20)	30 ug/L	09/24/2010
n-Propylbenzene	LCS	33.6	112	(80-129)			30 ug/L	09/24/2010
	LCSD	32.1	107		4	(< 20)	30 ug/L	09/24/2010
o-Xylene	LCS	30.9	103	(80-120)			30 ug/L	09/24/2010
	LCSD	29.9	100		3	(< 20)	30 ug/L	09/24/2010
P & M -Xylene	LCS	64.3	107	(80-120)			60 ug/L	09/24/2010
	LCSD	62.2	104		3	(< 20)	60 ug/L	09/24/2010
sec-Butylbenzene	LCS	31.9	106	(80-120)			30 ug/L	09/24/2010
	LCSD	30.7	102		4	(< 20)	30 ug/L	09/24/2010

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Styrene	LCS	31.4	105	(80-120)			30 ug/L	09/24/2010
	LCSD	30.9	103		2	(< 20)	30 ug/L	09/24/2010
tert-Butylbenzene	LCS	31.4	105	(80-122)			30 ug/L	09/24/2010
	LCSD	30.0	100		5	(< 20)	30 ug/L	09/24/2010
Tetrachloroethene	LCS	32.5	108	(79-122)			30 ug/L	09/24/2010
	LCSD	31.5	105		3	(< 20)	30 ug/L	09/24/2010
Toluene	LCS	31.9	106	(77-120)			30 ug/L	09/24/2010
	LCSD	30.9	103		3	(< 20)	30 ug/L	09/24/2010
trans-1,2-Dichloroethene	LCS	32.2	107	(79-132)			30 ug/L	09/24/2010
	LCSD	30.4	101		6	(< 20)	30 ug/L	09/24/2010
trans-1,3-Dichloropropene	LCS	30.9	103	(80-124)			30 ug/L	09/24/2010
	LCSD	31.0	103		0	(< 20)	30 ug/L	09/24/2010
Trichloroethene	LCS	33.8	113	(80-125)			30 ug/L	09/24/2010
	LCSD	31.8	106		6	(< 20)	30 ug/L	09/24/2010
Trichlorofluoromethane	LCS	36.5	122	(68-145)			30 ug/L	09/24/2010
	LCSD	34.1	114		7	(< 20)	30 ug/L	09/24/2010
Vinyl chloride	LCS	38.0	127	(72-145)			30 ug/L	09/24/2010
	LCSD	35.6	119		7	(< 20)	30 ug/L	09/24/2010
Xylenes (total)	LCS	95.1	106	(80-120)			90 ug/L	09/24/2010
	LCSD	92.1	102		3	(< 20)	90 ug/L	09/24/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		98	(73-120)				09/24/2010
	LCSD		99		1			09/24/2010
4-Bromofluorobenzene <surr>	LCS		99	(76-120)				09/24/2010
	LCSD		98		0			09/24/2010
Toluene-d8 <surr>	LCS		102	(80-120)				09/24/2010
	LCSD		102		0			09/24/2010

SGS Ref.#	992801	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	992837	Lab Control Sample Duplicate	**Prep** **Batch**	VXX21392	
Client Name	Shannon & Wilson, Inc.		**Method**	SW5030B	
Project Name/#	17391 360 E 100th Ave		**Date**	09/24/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

Batch	VMS11632
Method	SW8260B
Instrument	HP 5890 Series II MS3 VNA

SGS Ref.#	992826	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
			Prep **Batch**	MXX23583	
Client Name	Shannon & Wilson, Inc.		**Method**	METHOD	
Project Name/#	17391 360 E 100th Ave		**Date**	09/26/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138014, 1105138015, 1105138016, 1105138017

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Metals Department								
Mercury	LCS	154	96	(80-120)			160 ug/Kg	09/27/2010

Batch	MCV4657
Method	SW7471B
Instrument	PSA Millennium mercury AA

SGS Ref.#	993812	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	993813	Lab Control Sample Duplicate	**Prep** **Batch**	XXX23777	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3550C	
Project Name/#	17391 360 E 100th Ave		**Date**	09/30/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138012, 1105138014, 1105138015

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Semivolatile Organic Fuels Department								
Diesel Range Organics	LCS	172	103	(75-125)			167 mg/Kg	09/30/2010
	LCSD	173	104		1	(< 20)	167 mg/Kg	09/30/2010
Surrogates								
5a Androstane <surr>	LCS		100	(60-120)				09/30/2010
	LCSD		99		1			09/30/2010

Batch XFC9541
Method AK102
Instrument HP 6890 Series II FID SV D R

Residual Range Organics	LCS	179	108	(60-120)			167 mg/Kg	09/30/2010
	LCSD	178	107		1	(< 20)	167 mg/Kg	09/30/2010
Surrogates								
n-Triacontane-d62 <surr>	LCS		103	(60-120)				09/30/2010
	LCSD		103		0			09/30/2010

Batch XFC9541
Method AK103
Instrument HP 6890 Series II FID SV D R

SGS Ref.#	994016	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
	994017	Lab Control Sample Duplicate	**Prep** **Batch**	XXX23781	
Client Name	Shannon & Wilson, Inc.		**Method**	SW3550C	
Project Name/#	17391 360 E 100th Ave		**Date**	09/30/2010	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138016

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Semivolatile Organic Fuels Department								
Diesel Range Organics	LCS	157	94	(75-125)			167 mg/Kg	10/02/2010
	LCSD	159	95		1	(< 20)	167 mg/Kg	10/02/2010
Surrogates								
5a Androstane <surr>	LCS		89	(60-120)				10/02/2010
	LCSD		93		5			10/02/2010
Batch XFC9545								
Method AK102								
Instrument HP 6890 Series II FID SV D R								
Residual Range Organics	LCS	154	93	(60-120)			167 mg/Kg	10/02/2010
	LCSD	158	95		3	(< 20)	167 mg/Kg	10/02/2010
Surrogates								
n-Triacontane-d62 <surr>	LCS		96	(60-120)				10/02/2010
	LCSD		101		6			10/02/2010
Batch XFC9545								
Method AK103								
Instrument HP 6890 Series II FID SV D R								

SGS Ref.#	994185	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138003, 1105138004, 1105138020

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994185	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,1,2-Tetrachloroethane	LCS	790	105	(77-123)			750 ug/Kg	09/30/2010
1,1,1-Trichloroethane	LCS	764	102	(77-129)			750 ug/Kg	09/30/2010
1,1,2,2-Tetrachloroethane	LCS	793	106	(80-122)			750 ug/Kg	09/30/2010
1,1,2-Trichloroethane	LCS	772	103	(85-121)			750 ug/Kg	09/30/2010
1,1-Dichloroethane	LCS	777	104	(81-126)			750 ug/Kg	09/30/2010
1,1-Dichloroethene	LCS	732	98	(75-125)			750 ug/Kg	09/30/2010
1,1-Dichloropropene	LCS	749	100	(76-134)			750 ug/Kg	09/30/2010
1,2,3-Trichlorobenzene	LCS	783	104	(78-124)			750 ug/Kg	09/30/2010
1,2,3-Trichloropropane	LCS	797	106	(77-125)			750 ug/Kg	09/30/2010
1,2,4-Trichlorobenzene	LCS	724	97	(77-126)			750 ug/Kg	09/30/2010
1,2,4-Trimethylbenzene	LCS	756	101	(85-121)			750 ug/Kg	09/30/2010
1,2-Dibromo-3-chloropropane	LCS	729	97	(60-135)			750 ug/Kg	09/30/2010
1,2-Dibromoethane	LCS	817	109	(85-124)			750 ug/Kg	09/30/2010
1,2-Dichlorobenzene	LCS	811	108	(88-113)			750 ug/Kg	09/30/2010
1,2-Dichloroethane	LCS	799	107	(83-121)			750 ug/Kg	09/30/2010
1,2-Dichloropropane	LCS	767	102	(81-120)			750 ug/Kg	09/30/2010
1,3,5-Trimethylbenzene	LCS	784	105	(87-120)			750 ug/Kg	09/30/2010
1,3-Dichlorobenzene	LCS	820	109	(86-117)			750 ug/Kg	09/30/2010
1,3-Dichloropropane	LCS	787	105	(84-123)			750 ug/Kg	09/30/2010
1,4-Dichlorobenzene	LCS	816	109	(86-118)			750 ug/Kg	09/30/2010
2,2-Dichloropropane	LCS	809	108	(69-132)			750 ug/Kg	09/30/2010

SGS Ref.#	994185	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
2-Butanone (MEK)	LCS	2260	100	(57-135)			2250 ug/Kg	09/30/2010
2-Chlorotoluene	LCS	767	102	(81-122)			750 ug/Kg	09/30/2010
2-Hexanone	LCS	2320	103	(58-145)			2250 ug/Kg	09/30/2010
4-Chlorotoluene	LCS	732	98	(84-120)			750 ug/Kg	09/30/2010
4-Isopropyltoluene	LCS	763	102	(83-121)			750 ug/Kg	09/30/2010
4-Methyl-2-pentanone (MIBK)	LCS	2140	95	(67-135)			2250 ug/Kg	09/30/2010
Benzene	LCS	780	104	(81-124)			750 ug/Kg	09/30/2010
Bromobenzene	LCS	828	110	(86-119)			750 ug/Kg	09/30/2010
Bromochloromethane	LCS	734	98	(79-125)			750 ug/Kg	09/30/2010
Bromodichloromethane	LCS	770	103	(81-127)			750 ug/Kg	09/30/2010
Bromoform	LCS	844	113	(72-135)			750 ug/Kg	09/30/2010
Bromomethane	LCS	1030	137	(49-141)			750 ug/Kg	09/30/2010
Carbon disulfide	LCS	1140	102	(58-155)			1130 ug/Kg	09/30/2010
Carbon tetrachloride	LCS	656	88	(79-128)			750 ug/Kg	09/30/2010
Chlorobenzene	LCS	836	111	(84-121)			750 ug/Kg	09/30/2010
Chloroethane	LCS	884	118	(51-141)			750 ug/Kg	09/30/2010
Chloroform	LCS	752	100	(77-124)			750 ug/Kg	09/30/2010
Chloromethane	LCS	863	115	(54-129)			750 ug/Kg	09/30/2010
cis-1,2-Dichloroethene	LCS	771	103	(82-124)			750 ug/Kg	09/30/2010
cis-1,3-Dichloropropene	LCS	715	95	(82-122)			750 ug/Kg	09/30/2010

SGS Ref.#	994185	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Dibromochloromethane	LCS	800	107	(84-125)			750 ug/Kg	09/30/2010
Dibromomethane	LCS	701	93	(80-123)			750 ug/Kg	09/30/2010
Dichlorodifluoromethane	LCS	998	133	(43-135)			750 ug/Kg	09/30/2010
Ethylbenzene	LCS	740	99	(87-119)			750 ug/Kg	09/30/2010
Hexachlorobutadiene	LCS	777	104	(74-124)			750 ug/Kg	09/30/2010
Isopropylbenzene (Cumene)	LCS	769	102	(89-121)			750 ug/Kg	09/30/2010
Methylene chloride	LCS	750	100	(63-137)			750 ug/Kg	09/30/2010
Methyl-t-butyl ether	LCS	1170	104	(76-133)			1130 ug/Kg	09/30/2010
Naphthalene	LCS	745	99	(73-131)			750 ug/Kg	09/30/2010
n-Butylbenzene	LCS	789	105	(82-127)			750 ug/Kg	09/30/2010
n-Propylbenzene	LCS	785	105	(82-125)			750 ug/Kg	09/30/2010
o-Xylene	LCS	785	105	(89-120)			750 ug/Kg	09/30/2010
P & M -Xylene	LCS	1470	98	(88-121)			1500 ug/Kg	09/30/2010
sec-Butylbenzene	LCS	753	100	(84-122)			750 ug/Kg	09/30/2010
Styrene	LCS	755	101	(91-120)			750 ug/Kg	09/30/2010
tert-Butylbenzene	LCS	787	105	(82-122)			750 ug/Kg	09/30/2010
Tetrachloroethene	LCS	766	102	(82-125)			750 ug/Kg	09/30/2010
Toluene	LCS	754	100	(87-119)			750 ug/Kg	09/30/2010
trans-1,2-Dichloroethene	LCS	759	101	(79-125)			750 ug/Kg	09/30/2010
trans-1,3-Dichloropropene	LCS	721	96	(86-122)			750 ug/Kg	09/30/2010
Trichloroethene	LCS	765	102	(77-124)			750 ug/Kg	09/30/2010

SGS Ref.#	994185	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Trichlorofluoromethane	LCS	876	117	(64-139)			750 ug/Kg	09/30/2010
Vinyl chloride	LCS	818	109	(67-125)			750 ug/Kg	09/30/2010
Xylenes (total)	LCS	2250	100	(89-120)			2250 ug/Kg	09/30/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		103	(69-132)				09/30/2010
4-Bromofluorobenzene <surr>	LCS		110	(65-144)				09/30/2010
Toluene-d8 <surr>	LCS		99	(84-124)				09/30/2010

Batch	VMS11648
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	994587	Lab Control Sample	**Printed Date/Time**	10/06/2010	15:07
			Prep	**Batch**	
Client Name	Shannon & Wilson, Inc.			**Method**	
Project Name/#	17391 360 E 100th Ave			**Date**	
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138002

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994587	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
1,1,1,2-Tetrachloroethane	LCS	744	99	(77-123)			750 ug/Kg	10/03/2010
1,1,1-Trichloroethane	LCS	747	100	(77-129)			750 ug/Kg	10/03/2010
1,1,2,2-Tetrachloroethane	LCS	816	109	(80-122)			750 ug/Kg	10/03/2010
1,1,2-Trichloroethane	LCS	797	106	(85-121)			750 ug/Kg	10/03/2010
1,1-Dichloroethane	LCS	758	101	(81-126)			750 ug/Kg	10/03/2010
1,1-Dichloroethene	LCS	819	109	(75-125)			750 ug/Kg	10/03/2010
1,1-Dichloropropene	LCS	805	107	(76-134)			750 ug/Kg	10/03/2010
1,2,3-Trichlorobenzene	LCS	715	95	(78-124)			750 ug/Kg	10/03/2010
1,2,3-Trichloropropane	LCS	731	98	(77-125)			750 ug/Kg	10/03/2010
1,2,4-Trichlorobenzene	LCS	760	101	(77-126)			750 ug/Kg	10/03/2010
1,2,4-Trimethylbenzene	LCS	762	102	(85-121)			750 ug/Kg	10/03/2010
1,2-Dibromo-3-chloropropane	LCS	823	110	(60-135)			750 ug/Kg	10/03/2010
1,2-Dibromoethane	LCS	798	106	(85-124)			750 ug/Kg	10/03/2010
1,2-Dichlorobenzene	LCS	788	105	(88-113)			750 ug/Kg	10/03/2010
1,2-Dichloroethane	LCS	728	97	(83-121)			750 ug/Kg	10/03/2010
1,2-Dichloropropane	LCS	830	111	(81-120)			750 ug/Kg	10/03/2010
1,3,5-Trimethylbenzene	LCS	791	105	(87-120)			750 ug/Kg	10/03/2010
1,3-Dichlorobenzene	LCS	840	112	(86-117)			750 ug/Kg	10/03/2010
1,3-Dichloropropane	LCS	804	107	(84-123)			750 ug/Kg	10/03/2010
1,4-Dichlorobenzene	LCS	845	113	(86-118)			750 ug/Kg	10/03/2010
2,2-Dichloropropane	LCS	745	99	(69-132)			750 ug/Kg	10/03/2010

SGS Ref.#	994587	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
2-Butanone (MEK)	LCS	1880	84	(57-135)			2250 ug/Kg	10/03/2010
2-Chlorotoluene	LCS	826	110	(81-122)			750 ug/Kg	10/03/2010
2-Hexanone	LCS	2110	94	(58-145)			2250 ug/Kg	10/03/2010
4-Chlorotoluene	LCS	751	100	(84-120)			750 ug/Kg	10/03/2010
4-Isopropyltoluene	LCS	717	96	(83-121)			750 ug/Kg	10/03/2010
4-Methyl-2-pentanone (MIBK)	LCS	2340	104	(67-135)			2250 ug/Kg	10/03/2010
Benzene	LCS	772	103	(81-124)			750 ug/Kg	10/03/2010
Bromobenzene	LCS	870	116	(86-119)			750 ug/Kg	10/03/2010
Bromochloromethane	LCS	743	99	(79-125)			750 ug/Kg	10/03/2010
Bromodichloromethane	LCS	769	103	(81-127)			750 ug/Kg	10/03/2010
Bromoform	LCS	778	104	(72-135)			750 ug/Kg	10/03/2010
Bromomethane	LCS	853	114	(49-141)			750 ug/Kg	10/03/2010
Carbon disulfide	LCS	1110	99	(58-155)			1130 ug/Kg	10/03/2010
Carbon tetrachloride	LCS	747	100	(79-128)			750 ug/Kg	10/03/2010
Chlorobenzene	LCS	810	108	(84-121)			750 ug/Kg	10/03/2010
Chloroethane	LCS	615	82	(51-141)			750 ug/Kg	10/03/2010
Chloroform	LCS	696	93	(77-124)			750 ug/Kg	10/03/2010
Chloromethane	LCS	844	113	(54-129)			750 ug/Kg	10/03/2010
cis-1,2-Dichloroethene	LCS	739	99	(82-124)			750 ug/Kg	10/03/2010
cis-1,3-Dichloropropene	LCS	803	107	(82-122)			750 ug/Kg	10/03/2010

SGS Ref.#	994587	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Dibromochloromethane	LCS	786	105	(84-125)			750 ug/Kg	10/03/2010
Dibromomethane	LCS	771	103	(80-123)			750 ug/Kg	10/03/2010
Dichlorodifluoromethane	LCS	711	95	(43-135)			750 ug/Kg	10/03/2010
Ethylbenzene	LCS	823	110	(87-119)			750 ug/Kg	10/03/2010
Hexachlorobutadiene	LCS	768	102	(74-124)			750 ug/Kg	10/03/2010
Isopropylbenzene (Cumene)	LCS	832	111	(89-121)			750 ug/Kg	10/03/2010
Methylene chloride	LCS	663	88	(63-137)			750 ug/Kg	10/03/2010
Methyl-t-butyl ether	LCS	1070	96	(76-133)			1130 ug/Kg	10/03/2010
Naphthalene	LCS	799	106	(73-131)			750 ug/Kg	10/03/2010
n-Butylbenzene	LCS	811	108	(82-127)			750 ug/Kg	10/03/2010
n-Propylbenzene	LCS	898	120	(82-125)			750 ug/Kg	10/03/2010
o-Xylene	LCS	752	100	(89-120)			750 ug/Kg	10/03/2010
P & M -Xylene	LCS	1430	95	(88-121)			1500 ug/Kg	10/03/2010
sec-Butylbenzene	LCS	761	101	(84-122)			750 ug/Kg	10/03/2010
Styrene	LCS	761	101	(91-120)			750 ug/Kg	10/03/2010
tert-Butylbenzene	LCS	839	112	(82-122)			750 ug/Kg	10/03/2010
Tetrachloroethene	LCS	752	100	(82-125)			750 ug/Kg	10/03/2010
Toluene	LCS	812	108	(87-119)			750 ug/Kg	10/03/2010
trans-1,2-Dichloroethene	LCS	731	97	(79-125)			750 ug/Kg	10/03/2010
trans-1,3-Dichloropropene	LCS	732	98	(86-122)			750 ug/Kg	10/03/2010
Trichloroethene	LCS	766	102	(77-124)			750 ug/Kg	10/03/2010

SGS Ref.#	994587	Lab Control Sample	**Printed Date/Time**	10/06/2010 15:07
			Prep	**Batch**
Client Name	Shannon & Wilson, Inc.			**Method**
Project Name/#	17391 360 E 100th Ave			**Date**
Matrix	Soil/Solid (dry weight)			

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy								
Trichlorofluoromethane	LCS	611	82	(64-139)			750 ug/Kg	10/03/2010
Vinyl chloride	LCS	783	104	(67-125)			750 ug/Kg	10/03/2010
Xylenes (total)	LCS	2180	97	(89-120)			2250 ug/Kg	10/03/2010
Surrogates								
1,2-Dichloroethane-D4 <surr>	LCS		96	(69-132)				10/03/2010
4-Bromofluorobenzene <surr>	LCS		109	(65-144)				10/03/2010
Toluene-d8 <surr>	LCS		107	(84-124)				10/03/2010

Batch	VMS11653
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

SGS Ref.#	992571	Matrix Spike	**Printed Date/Time**		10/06/2010 15:07
	992572	Matrix Spike Duplicate	**Prep**	**Batch**	MXX23576
				Method	Soils/Solids Digest for Metals b
				Date	09/24/2010
Original	1105096001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138009, 1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals by ICP/MS											
Arsenic		MS	8.45	96.1	106	(80-120)			82.3	mg/Kg	09/27/2010
		MSD		98.6	107		3	(< 20)	84.6	mg/Kg	09/27/2010
Barium		MS	67.6	168	122*	(80-120)			82.3	mg/Kg	09/27/2010
		MSD		168	119		0	(< 20)	84.6	mg/Kg	09/27/2010
Chromium		MS	19.4	56.2	112	(80-120)			32.9	mg/Kg	09/27/2010
		MSD		62.5	128*		11	(< 20)	33.8	mg/Kg	09/27/2010
Lead		MS	14.6	86.5	87	(80-120)			82.3	mg/Kg	09/27/2010
		MSD		88.4	87		2	(< 20)	84.6	mg/Kg	09/27/2010
Selenium		MS	(0.494) U	86.7	105	(80-120)			82.3	mg/Kg	09/27/2010
		MSD		88.1	104		2	(< 20)	84.6	mg/Kg	09/27/2010

Batch	MMS6715
Method	SW6020
Instrument	Perkin Elmer Sciex ICP-MS P4

SGS Ref.#	992573	Bench Spike DIGESTED	**Printed Date/Time**		10/06/2010 15:07
			Prep	**Batch**	MXX23576
				Method	Soils/Solids Digest for Metals b
				Date	09/24/2010
Original	1105096001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138009, 1105138010, 1105138011, 1105138012, 1105138013, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals by ICP/MS										
Barium	BND	67.6	483	101	(75-125)			412	mg/Kg	09/27/2010
Chromium	BND	19.4	219	97	(75-125)			205	mg/Kg	09/27/2010

Batch	MMS6715
Method	SW6020
Instrument	Perkin Elmer Sciex ICP-MS P4

SGS Ref.#	992645	Matrix Spike	**Printed Date/Time**	10/06/2010	15:07
	992646	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	1105138005				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138005, 1105138006, 1105138007, 1105138008, 1105138009, 1105138010, 1105138011, 1105138020

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Fuels Department											
Surrogates											
1,4-Difluorobenzene <surr>		MS		1.20	92	(80-120)					09/24/2010
		MSD		1.20	92		0				09/24/2010
Batch	VFC10187										
Method	AK101										
Instrument	HP 5890 Series II PID+FID VCA										
Benzene		MS	(13.5) U	1456	112	(80-125)			1303	ug/Kg	09/24/2010
		MSD		1466	113		1	(< 20)	1303	ug/Kg	09/24/2010
Ethylbenzene		MS	(54.0) U	1385	107	(85-125)			1303	ug/Kg	09/24/2010
		MSD		1385	106		0	(< 20)	1303	ug/Kg	09/24/2010
o-Xylene		MS	(54.0) U	1446	111	(85-125)			1303	ug/Kg	09/24/2010
		MSD		1446	111		0	(< 20)	1303	ug/Kg	09/24/2010
P & M -Xylene		MS	(54.0) U	2729	105	(85-125)			2607	ug/Kg	09/24/2010
		MSD		2729	105		0	(< 20)	2607	ug/Kg	09/24/2010
Toluene		MS	(54.0) U	1415	109	(85-120)			1303	ug/Kg	09/24/2010
		MSD		1426	109		0	(< 20)	1303	ug/Kg	09/24/2010
Surrogates											
1,4-Difluorobenzene <surr>		MS		1202	92	(80-120)					09/24/2010
		MSD		1202	92		0				09/24/2010
Batch	VFC10187										
Method	SW8021B										
Instrument	HP 5890 Series II PID+FID VCA										

SGS Ref.#	992767	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	992768	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	1106741001			
Matrix	Soil/Solid (dry weight)			

QC results affect the following production samples:

1105138012, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Fuels Department											
Benzene		MS	(7.06) U	977	101	(80-125)			972	ug/Kg	09/25/2010
		MSD		999	103		2	(< 20)	972	ug/Kg	09/25/2010
Ethylbenzene		MS	(26.6) U	975	100	(85-125)			972	ug/Kg	09/25/2010
		MSD		999	103		3	(< 20)	972	ug/Kg	09/25/2010
o-Xylene		MS	(26.6) U	988	102	(85-125)			972	ug/Kg	09/25/2010
		MSD		1009	104		2	(< 20)	972	ug/Kg	09/25/2010
P & M -Xylene		MS	(26.6) U	1979	102	(85-125)			1947	ug/Kg	09/25/2010
		MSD		2021	104		2	(< 20)	1947	ug/Kg	09/25/2010
Toluene		MS	(26.6) U	965	99	(85-120)			972	ug/Kg	09/25/2010
		MSD		989	102		3	(< 20)	972	ug/Kg	09/25/2010
Surrogates											
1,4-Difluorobenzene <surr>		MS		946	97	(80-120)					09/25/2010
		MSD		944	97		0				09/25/2010

Batch	VFC10190
Method	SW8021B
Instrument	HP 5890 Series II PID+HECD VBA

SGS Ref.#	992827	Matrix Spike	**Printed Date/Time**		10/06/2010 15:07
	992828	Matrix Spike Duplicate	**Prep**	**Batch**	MXX23583
				Method	Digestion Mercury (S)
				Date	09/26/2010
Original	1105138001				
Matrix	Soil/Solid (dry weight)				

QC results affect the following production samples:

1105138001, 1105138002, 1105138003, 1105138004, 1105138014, 1105138015, 1105138016, 1105138017

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Metals Department											
Mercury		MS	79.8	496	115	(80-120)			362	ug/Kg	09/27/2010
		MSD		517	119		4	(< 20)	366	ug/Kg	09/27/2010

Batch	MCV4657
Method	SW7471B
Instrument	PSA Millennium mercury AA

SGS Ref.#	994187	Matrix Spike	**Printed Date/Time**	10/06/2010	15:07
	994188	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	994186				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105138001, 1105138003, 1105138004, 1105138020

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994187	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994188	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994186			
Matrix	Solid/Soil (Wet Weight)			

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
1,1,1,2-Tetrachloroethane	MS	(15.8) U	828	110	(77-123)			754	ug/Kg	09/30/2010
	MSD		767	102		8	(< 20)	754	ug/Kg	09/30/2010
1,1,1-Trichloroethane	MS	(15.8) U	854	113	(77-129)			754	ug/Kg	09/30/2010
	MSD		691	92		21 *	(< 20)	754	ug/Kg	09/30/2010
1,1,2,2-Tetrachloroethane	MS	(30.2) U	890	118	(80-122)			754	ug/Kg	09/30/2010
	MSD		817	108		9	(< 20)	754	ug/Kg	09/30/2010
1,1,2-Trichloroethane	MS	(15.8) U	886	118	(85-121)			754	ug/Kg	09/30/2010
	MSD		799	106		10	(< 20)	754	ug/Kg	09/30/2010
1,1-Dichloroethane	MS	(15.8) U	739	98	(81-126)			754	ug/Kg	09/30/2010
	MSD		644	85		14	(< 20)	754	ug/Kg	09/30/2010
1,1-Dichloroethene	MS	(15.8) U	808	107	(75-125)			754	ug/Kg	09/30/2010
	MSD		681	90		17	(< 20)	754	ug/Kg	09/30/2010
1,1-Dichloropropene	MS	(15.8) U	841	112	(76-134)			754	ug/Kg	09/30/2010
	MSD		758	101		10	(< 20)	754	ug/Kg	09/30/2010
1,2,3-Trichlorobenzene	MS	(30.2) U	902	120	(78-124)			754	ug/Kg	09/30/2010
	MSD		1010	134*		12	(< 20)	754	ug/Kg	09/30/2010
1,2,3-Trichloropropane	MS	(15.8) U	783	104	(77-125)			754	ug/Kg	09/30/2010
	MSD		702	93		11	(< 20)	754	ug/Kg	09/30/2010
1,2,4-Trichlorobenzene	MS	(15.8) U	778	103	(77-126)			754	ug/Kg	09/30/2010
	MSD		923	122		17	(< 20)	754	ug/Kg	09/30/2010
1,2,4-Trimethylbenzene	MS	23.5J	791	102	(85-121)			754	ug/Kg	09/30/2010
	MSD		792	102		0	(< 20)	754	ug/Kg	09/30/2010
1,2-Dibromo-3-chloropropane	MS	(62.6) U	716	95	(60-135)			754	ug/Kg	09/30/2010
	MSD		767	102		7	(< 20)	754	ug/Kg	09/30/2010
1,2-Dibromoethane	MS	(15.8) U	861	114	(85-124)			754	ug/Kg	09/30/2010
	MSD		810	107		6	(< 20)	754	ug/Kg	09/30/2010
1,2-Dichlorobenzene	MS	(15.8) U	822	109	(88-113)			754	ug/Kg	09/30/2010
	MSD		854	113		4	(< 20)	754	ug/Kg	09/30/2010
1,2-Dichloroethane	MS	(15.8) U	768	102	(83-121)			754	ug/Kg	09/30/2010
	MSD		687	91		11	(< 20)	754	ug/Kg	09/30/2010
1,2-Dichloropropane	MS	(15.8) U	802	106	(81-120)			754	ug/Kg	09/30/2010
	MSD		808	107		1	(< 20)	754	ug/Kg	09/30/2010
1,3,5-Trimethylbenzene	MS	16.2J	781	102	(87-120)			754	ug/Kg	09/30/2010
	MSD		791	103		1	(< 20)	754	ug/Kg	09/30/2010
1,3-Dichlorobenzene	MS	(15.8) U	857	114	(86-117)			754	ug/Kg	09/30/2010
	MSD		845	112		2	(< 20)	754	ug/Kg	09/30/2010
1,3-Dichloropropane	MS	(15.8) U	822	109	(84-123)			754	ug/Kg	09/30/2010
	MSD		792	105		4	(< 20)	754	ug/Kg	09/30/2010
1,4-Dichlorobenzene	MS	(15.8) U	807	107	(86-118)			754	ug/Kg	09/30/2010
	MSD		802	106		1	(< 20)	754	ug/Kg	09/30/2010

SGS Ref.#	994187	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994188	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994186			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy									
2,2-Dichloropropane	MS	(15.8) U	793	105	(69-132)			754 ug/Kg	09/30/2010
	MSD		726	96		9	(< 20)	754 ug/Kg	09/30/2010
2-Butanone (MEK)	MS	(158) U	2120	94	(57-135)			2260 ug/Kg	09/30/2010
	MSD		1770	78		18	(< 20)	2260 ug/Kg	09/30/2010
2-Chlorotoluene	MS	(15.8) U	804	107	(81-122)			754 ug/Kg	09/30/2010
	MSD		781	104		3	(< 20)	754 ug/Kg	09/30/2010
2-Hexanone	MS	(158) U	2260	100	(58-145)			2260 ug/Kg	09/30/2010
	MSD		1950	86		15	(< 20)	2260 ug/Kg	09/30/2010
4-Chlorotoluene	MS	(15.8) U	801	106	(84-120)			754 ug/Kg	09/30/2010
	MSD		749	99		7	(< 20)	754 ug/Kg	09/30/2010
4-Isopropyltoluene	MS	(15.8) U	775	103	(83-121)			754 ug/Kg	09/30/2010
	MSD		787	104		2	(< 20)	754 ug/Kg	09/30/2010
4-Methyl-2-pentanone (MIBK)	MS	(158) U	2330	103	(67-135)			2260 ug/Kg	09/30/2010
	MSD		2210	98		5	(< 20)	2260 ug/Kg	09/30/2010
Benzene	MS	(7.88) U	859	114	(81-124)			754 ug/Kg	09/30/2010
	MSD		850	113		1	(< 20)	754 ug/Kg	09/30/2010
Bromobenzene	MS	(15.8) U	870	115	(86-119)			754 ug/Kg	09/30/2010
	MSD		888	118		2	(< 20)	754 ug/Kg	09/30/2010
Bromochloromethane	MS	(15.8) U	795	106	(79-125)			754 ug/Kg	09/30/2010
	MSD		805	107		1	(< 20)	754 ug/Kg	09/30/2010
Bromodichloromethane	MS	(15.8) U	793	105	(81-127)			754 ug/Kg	09/30/2010
	MSD		777	103		2	(< 20)	754 ug/Kg	09/30/2010
Bromoform	MS	(15.8) U	890	118	(72-135)			754 ug/Kg	09/30/2010
	MSD		801	106		11	(< 20)	754 ug/Kg	09/30/2010
Bromomethane	MS	(125) U	935	124	(49-141)			754 ug/Kg	09/30/2010
	MSD		905	120		3	(< 20)	754 ug/Kg	09/30/2010
Carbon disulfide	MS	(62.6) U	1120	100	(58-155)			1130 ug/Kg	09/30/2010
	MSD		1030	91		9	(< 20)	1130 ug/Kg	09/30/2010
Carbon tetrachloride	MS	(15.8) U	790	105	(79-128)			754 ug/Kg	09/30/2010
	MSD		650	86		19	(< 20)	754 ug/Kg	09/30/2010
Chlorobenzene	MS	(15.8) U	895	119	(84-121)			754 ug/Kg	09/30/2010
	MSD		829	110		8	(< 20)	754 ug/Kg	09/30/2010
Chloroethane	MS	(125) U	693	92	(51-141)			754 ug/Kg	09/30/2010
	MSD		641	85		8	(< 20)	754 ug/Kg	09/30/2010
Chloroform	MS	(15.8) U	738	98	(77-124)			754 ug/Kg	09/30/2010
	MSD		687	91		7	(< 20)	754 ug/Kg	09/30/2010
Chloromethane	MS	(15.8) U	740	98	(54-129)			754 ug/Kg	09/30/2010
	MSD		696	92		6	(< 20)	754 ug/Kg	09/30/2010
cis-1,2-Dichloroethene	MS	(15.8) U	813	108	(82-124)			754 ug/Kg	09/30/2010
	MSD		801	106		2	(< 20)	754 ug/Kg	09/30/2010

SGS Ref.#	994187	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994188	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994186			
Matrix	Solid/Soil (Wet Weight)			

Volatile Gas Chromatography/Mass Spectroscopy

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
cis-1,3-Dichloropropene	MS	(15.8) U	765	101	(82-122)			754	ug/Kg	09/30/2010
	MSD		776	103		2	(< 20)	754	ug/Kg	09/30/2010
Dibromochloromethane	MS	(15.8) U	846	112	(84-125)			754	ug/Kg	09/30/2010
	MSD		771	102		9	(< 20)	754	ug/Kg	09/30/2010
Dibromomethane	MS	(15.8) U	768	102	(80-123)			754	ug/Kg	09/30/2010
	MSD		779	103		2	(< 20)	754	ug/Kg	09/30/2010
Dichlorodifluoromethane	MS	(30.2) U	833	110	(43-135)			754	ug/Kg	09/30/2010
	MSD		786	104		6	(< 20)	754	ug/Kg	09/30/2010
Ethylbenzene	MS	28.8	785	100	(87-119)			754	ug/Kg	09/30/2010
	MSD		804	103		2	(< 20)	754	ug/Kg	09/30/2010
Hexachlorobutadiene	MS	(30.2) U	844	112	(74-124)			754	ug/Kg	09/30/2010
	MSD		1000	133*		17	(< 20)	754	ug/Kg	09/30/2010
Isopropylbenzene (Cumene)	MS	13.1J	818	107	(89-121)			754	ug/Kg	09/30/2010
	MSD		782	102		4	(< 20)	754	ug/Kg	09/30/2010
Methylene chloride	MS	61.1J	805	99	(63-137)			754	ug/Kg	09/30/2010
	MSD		743	90		8	(< 20)	754	ug/Kg	09/30/2010
Methyl-t-butyl ether	MS	(62.6) U	1210	107	(76-133)			1130	ug/Kg	09/30/2010
	MSD		513	45*		81 *	(< 20)	1130	ug/Kg	09/30/2010
Naphthalene	MS	(30.2) U	866	115	(73-131)			754	ug/Kg	09/30/2010
	MSD		936	124		8	(< 20)	754	ug/Kg	09/30/2010
n-Butylbenzene	MS	(15.8) U	809	107	(82-127)			754	ug/Kg	09/30/2010
	MSD		848	113		5	(< 20)	754	ug/Kg	09/30/2010
n-Propylbenzene	MS	17.7J	829	108	(82-125)			754	ug/Kg	09/30/2010
	MSD		794	103		4	(< 20)	754	ug/Kg	09/30/2010
o-Xylene	MS	36.1J	836	106	(89-120)			754	ug/Kg	09/30/2010
	MSD		817	104		2	(< 20)	754	ug/Kg	09/30/2010
P & M -Xylene	MS	66.9	1650	105	(88-121)			1510	ug/Kg	09/30/2010
	MSD		1550	99		6	(< 20)	1510	ug/Kg	09/30/2010
sec-Butylbenzene	MS	11.9J	778	102	(84-122)			754	ug/Kg	09/30/2010
	MSD		802	105		3	(< 20)	754	ug/Kg	09/30/2010
Styrene	MS	(15.8) U	815	108	(91-120)			754	ug/Kg	09/30/2010
	MSD		776	103		5	(< 20)	754	ug/Kg	09/30/2010
tert-Butylbenzene	MS	(15.8) U	783	104	(82-122)			754	ug/Kg	09/30/2010
	MSD		805	107		3	(< 20)	754	ug/Kg	09/30/2010
Tetrachloroethene	MS	(15.8) U	819	109	(82-125)			754	ug/Kg	09/30/2010
	MSD		824	109		1	(< 20)	754	ug/Kg	09/30/2010
Toluene	MS	19.9J	781	101	(87-119)			754	ug/Kg	09/30/2010
	MSD		829	107		6	(< 20)	754	ug/Kg	09/30/2010
trans-1,2-Dichloroethene	MS	(15.8) U	791	105	(79-125)			754	ug/Kg	09/30/2010
	MSD		675	90		16	(< 20)	754	ug/Kg	09/30/2010

SGS Ref.#	994187	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994188	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994186			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
trans-1,3-Dichloropropene		MS	(15.8) U	757	100	(86-122)			754	ug/Kg	09/30/2010
		MSD		707	94		7	(< 20)	754	ug/Kg	09/30/2010
Trichloroethene		MS	(15.8) U	828	110	(77-124)			754	ug/Kg	09/30/2010
		MSD		796	106		4	(< 20)	754	ug/Kg	09/30/2010
Trichlorofluoromethane		MS	(30.2) U	645	86	(64-139)			754	ug/Kg	09/30/2010
		MSD		535	71		19	(< 20)	754	ug/Kg	09/30/2010
Vinyl chloride		MS	(15.8) U	779	103	(67-125)			754	ug/Kg	09/30/2010
		MSD		755	100		3	(< 20)	754	ug/Kg	09/30/2010
Xylenes (total)		MS	103	2490	106	(89-120)			2260	ug/Kg	09/30/2010
		MSD		2370	100		5	(< 20)	2260	ug/Kg	09/30/2010
Surrogates											
1,2-Dichloroethane-D4 <surr>		MS		757	100	(69-132)					09/30/2010
		MSD		692	92		9				09/30/2010
4-Bromofluorobenzene <surr>		MS		1900	114	(65-144)					09/30/2010
		MSD		1810	109		5				09/30/2010
Toluene-d8 <surr>		MS		793	105	(84-124)					09/30/2010
		MSD		761	101		4				09/30/2010

Batch VMS11648
Method SW8260B
Instrument HP 5890 Series II MS5 VLA

SGS Ref.#	994589	Matrix Spike	**Printed Date/Time**	10/06/2010	15:07
	994590	Matrix Spike Duplicate	**Prep**	**Batch**	
				Method	
				Date	
Original	994588				
Matrix	Solid/Soil (Wet Weight)				

QC results affect the following production samples:

1105138002

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date

Volatile Gas Chromatography/Mass Spectroscopy

SGS Ref.#	994589	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994590	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994588			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
1,1,1,2-Tetrachloroethane	MS	(14.0) U	693	104	(77-123)			669	ug/Kg	10/03/2010
	MSD		704	105		2	(< 20)	669	ug/Kg	10/03/2010
1,1,1-Trichloroethane	MS	(14.0) U	688	103	(77-129)			669	ug/Kg	10/03/2010
	MSD		675	101		2	(< 20)	669	ug/Kg	10/03/2010
1,1,2,2-Tetrachloroethane	MS	(26.8) U	731	109	(80-122)			669	ug/Kg	10/03/2010
	MSD		725	108		1	(< 20)	669	ug/Kg	10/03/2010
1,1,2-Trichloroethane	MS	(14.0) U	714	107	(85-121)			669	ug/Kg	10/03/2010
	MSD		735	110		3	(< 20)	669	ug/Kg	10/03/2010
1,1-Dichloroethane	MS	(14.0) U	717	107	(81-126)			669	ug/Kg	10/03/2010
	MSD		722	108		1	(< 20)	669	ug/Kg	10/03/2010
1,1-Dichloroethene	MS	(14.0) U	624	93	(75-125)			669	ug/Kg	10/03/2010
	MSD		661	99		6	(< 20)	669	ug/Kg	10/03/2010
1,1-Dichloropropene	MS	(14.0) U	746	111	(76-134)			669	ug/Kg	10/03/2010
	MSD		713	107		4	(< 20)	669	ug/Kg	10/03/2010
1,2,3-Trichlorobenzene	MS	(26.8) U	752	112	(78-124)			669	ug/Kg	10/03/2010
	MSD		729	109		3	(< 20)	669	ug/Kg	10/03/2010
1,2,3-Trichloropropane	MS	(14.0) U	667	100	(77-125)			669	ug/Kg	10/03/2010
	MSD		720	108		8	(< 20)	669	ug/Kg	10/03/2010
1,2,4-Trichlorobenzene	MS	(14.0) U	668	100	(77-126)			669	ug/Kg	10/03/2010
	MSD		676	101		1	(< 20)	669	ug/Kg	10/03/2010
1,2,4-Trimethylbenzene	MS	(26.8) U	654	98	(85-121)			669	ug/Kg	10/03/2010
	MSD		676	101		3	(< 20)	669	ug/Kg	10/03/2010
1,2-Dibromo-3-chloropropane	MS	(55.6) U	761	114	(60-135)			669	ug/Kg	10/03/2010
	MSD		783	117		3	(< 20)	669	ug/Kg	10/03/2010
1,2-Dibromoethane	MS	(14.0) U	737	110	(85-124)			669	ug/Kg	10/03/2010
	MSD		717	107		3	(< 20)	669	ug/Kg	10/03/2010
1,2-Dichlorobenzene	MS	(14.0) U	695	104	(88-113)			669	ug/Kg	10/03/2010
	MSD		725	108		4	(< 20)	669	ug/Kg	10/03/2010
1,2-Dichloroethane	MS	(14.0) U	698	104	(83-121)			669	ug/Kg	10/03/2010
	MSD		689	103		1	(< 20)	669	ug/Kg	10/03/2010
1,2-Dichloropropane	MS	(14.0) U	759	113	(81-120)			669	ug/Kg	10/03/2010
	MSD		735	110		3	(< 20)	669	ug/Kg	10/03/2010
1,3,5-Trimethylbenzene	MS	(14.0) U	647	97	(87-120)			669	ug/Kg	10/03/2010
	MSD		644	96		1	(< 20)	669	ug/Kg	10/03/2010
1,3-Dichlorobenzene	MS	(14.0) U	729	109	(86-117)			669	ug/Kg	10/03/2010
	MSD		709	106		3	(< 20)	669	ug/Kg	10/03/2010
1,3-Dichloropropane	MS	(14.0) U	731	109	(84-123)			669	ug/Kg	10/03/2010
	MSD		725	108		1	(< 20)	669	ug/Kg	10/03/2010
1,4-Dichlorobenzene	MS	(14.0) U	685	102	(86-118)			669	ug/Kg	10/03/2010
	MSD		733	109		7	(< 20)	669	ug/Kg	10/03/2010

SGS Ref.#	994589	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994590	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994588			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
2,2-Dichloropropane	MS	(14.0) U	700	105	(69-132)			669	ug/Kg	10/03/2010
	MSD		703	105		0	(< 20)	669	ug/Kg	10/03/2010
2-Butanone (MEK)	MS	(140) U	2000	100	(57-135)			2010	ug/Kg	10/03/2010
	MSD		1960	98		2	(< 20)	2010	ug/Kg	10/03/2010
2-Chlorotoluene	MS	(14.0) U	710	106	(81-122)			669	ug/Kg	10/03/2010
	MSD		722	108		2	(< 20)	669	ug/Kg	10/03/2010
2-Hexanone	MS	(140) U	2130	106	(58-145)			2010	ug/Kg	10/03/2010
	MSD		2100	104		2	(< 20)	2010	ug/Kg	10/03/2010
4-Chlorotoluene	MS	(14.0) U	642	96	(84-120)			669	ug/Kg	10/03/2010
	MSD		666	100		4	(< 20)	669	ug/Kg	10/03/2010
4-Isopropyltoluene	MS	(14.0) U	639	96	(83-121)			669	ug/Kg	10/03/2010
	MSD		668	100		4	(< 20)	669	ug/Kg	10/03/2010
4-Methyl-2-pentanone (MIBK)	MS	(140) U	2190	109	(67-135)			2010	ug/Kg	10/03/2010
	MSD		2140	106		3	(< 20)	2010	ug/Kg	10/03/2010
Benzene	MS	(6.98) U	709	106	(81-124)			669	ug/Kg	10/03/2010
	MSD		686	103		3	(< 20)	669	ug/Kg	10/03/2010
Bromobenzene	MS	(14.0) U	733	110	(86-119)			669	ug/Kg	10/03/2010
	MSD		741	111		1	(< 20)	669	ug/Kg	10/03/2010
Bromochloromethane	MS	(14.0) U	679	102	(79-125)			669	ug/Kg	10/03/2010
	MSD		672	100		1	(< 20)	669	ug/Kg	10/03/2010
Bromodichloromethane	MS	(14.0) U	725	108	(81-127)			669	ug/Kg	10/03/2010
	MSD		696	104		4	(< 20)	669	ug/Kg	10/03/2010
Bromoform	MS	(14.0) U	706	106	(72-135)			669	ug/Kg	10/03/2010
	MSD		713	107		1	(< 20)	669	ug/Kg	10/03/2010
Bromomethane	MS	(111) U	730	109	(49-141)			669	ug/Kg	10/03/2010
	MSD		717	107		2	(< 20)	669	ug/Kg	10/03/2010
Carbon disulfide	MS	(55.6) U	954	95	(58-155)			1000	ug/Kg	10/03/2010
	MSD		974	97		2	(< 20)	1000	ug/Kg	10/03/2010
Carbon tetrachloride	MS	(14.0) U	701	105	(79-128)			669	ug/Kg	10/03/2010
	MSD		680	102		3	(< 20)	669	ug/Kg	10/03/2010
Chlorobenzene	MS	(14.0) U	756	113	(84-121)			669	ug/Kg	10/03/2010
	MSD		731	109		3	(< 20)	669	ug/Kg	10/03/2010
Chloroethane	MS	(111) U	593	89	(51-141)			669	ug/Kg	10/03/2010
	MSD		593	89		0	(< 20)	669	ug/Kg	10/03/2010
Chloroform	MS	(14.0) U	683	102	(77-124)			669	ug/Kg	10/03/2010
	MSD		653	98		5	(< 20)	669	ug/Kg	10/03/2010
Chloromethane	MS	(14.0) U	739	110	(54-129)			669	ug/Kg	10/03/2010
	MSD		706	106		5	(< 20)	669	ug/Kg	10/03/2010
cis-1,2-Dichloroethene	MS	(14.0) U	679	101	(82-124)			669	ug/Kg	10/03/2010
	MSD		673	101		1	(< 20)	669	ug/Kg	10/03/2010

SGS Ref.#	994589	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994590	Matrix Spike Duplicate	**Prep**	**Batch**
				Method
				Date
Original	994588			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy										
cis-1,3-Dichloropropene	MS	(14.0) U	765	114	(82-122)			669	ug/Kg	10/03/2010
	MSD		765	114		0	(< 20)	669	ug/Kg	10/03/2010
Dibromochloromethane	MS	(14.0) U	741	111	(84-125)			669	ug/Kg	10/03/2010
	MSD		727	109		2	(< 20)	669	ug/Kg	10/03/2010
Dibromomethane	MS	(14.0) U	705	105	(80-123)			669	ug/Kg	10/03/2010
	MSD		701	105		1	(< 20)	669	ug/Kg	10/03/2010
Dichlorodifluoromethane	MS	(26.8) U	621	93	(43-135)			669	ug/Kg	10/03/2010
	MSD		610	91		2	(< 20)	669	ug/Kg	10/03/2010
Ethylbenzene	MS	(14.0) U	756	113	(87-119)			669	ug/Kg	10/03/2010
	MSD		717	107		5	(< 20)	669	ug/Kg	10/03/2010
Hexachlorobutadiene	MS	(26.8) U	640	96	(74-124)			669	ug/Kg	10/03/2010
	MSD		642	96		0	(< 20)	669	ug/Kg	10/03/2010
Isopropylbenzene (Cumene)	MS	(14.0) U	767	115	(89-121)			669	ug/Kg	10/03/2010
	MSD		738	110		4	(< 20)	669	ug/Kg	10/03/2010
Methylene chloride	MS	35.2J	649	92	(63-137)			669	ug/Kg	10/03/2010
	MSD		650	92		0	(< 20)	669	ug/Kg	10/03/2010
Methyl-t-butyl ether	MS	(55.6) U	977	97	(76-133)			1000	ug/Kg	10/03/2010
	MSD		1040	104		6	(< 20)	1000	ug/Kg	10/03/2010
Naphthalene	MS	(26.8) U	754	113	(73-131)			669	ug/Kg	10/03/2010
	MSD		776	116		3	(< 20)	669	ug/Kg	10/03/2010
n-Butylbenzene	MS	(14.0) U	690	103	(82-127)			669	ug/Kg	10/03/2010
	MSD		681	102		1	(< 20)	669	ug/Kg	10/03/2010
n-Propylbenzene	MS	(14.0) U	774	116	(82-125)			669	ug/Kg	10/03/2010
	MSD		749	112		3	(< 20)	669	ug/Kg	10/03/2010
o-Xylene	MS	(26.8) U	663	99	(89-120)			669	ug/Kg	10/03/2010
	MSD		677	101		2	(< 20)	669	ug/Kg	10/03/2010
P & M -Xylene	MS	(26.8) U	1320	99	(88-121)			1340	ug/Kg	10/03/2010
	MSD		1340	100		1	(< 20)	1340	ug/Kg	10/03/2010
sec-Butylbenzene	MS	(14.0) U	664	99	(84-122)			669	ug/Kg	10/03/2010
	MSD		643	96		3	(< 20)	669	ug/Kg	10/03/2010
Styrene	MS	(14.0) U	634	95	(91-120)			669	ug/Kg	10/03/2010
	MSD		657	98		3	(< 20)	669	ug/Kg	10/03/2010
tert-Butylbenzene	MS	(14.0) U	708	106	(82-122)			669	ug/Kg	10/03/2010
	MSD		707	106		0	(< 20)	669	ug/Kg	10/03/2010
Tetrachloroethene	MS	(14.0) U	673	101	(82-125)			669	ug/Kg	10/03/2010
	MSD		664	99		1	(< 20)	669	ug/Kg	10/03/2010
Toluene	MS	16.6J	749	109	(87-119)			669	ug/Kg	10/03/2010
	MSD		756	111		1	(< 20)	669	ug/Kg	10/03/2010
trans-1,2-Dichloroethene	MS	(14.0) U	666	100	(79-125)			669	ug/Kg	10/03/2010
	MSD		698	104		5	(< 20)	669	ug/Kg	10/03/2010

SGS Ref.#	994589	Matrix Spike	**Printed Date/Time**	10/06/2010 15:07
	994590	Matrix Spike Duplicate	**Prep**	
			Batch	
			Method	
			Date	
Original	994588			
Matrix	Solid/Soil (Wet Weight)			

Parameter	Qualifiers		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount		Analysis Date
Volatile Gas Chromatography/Mass Spectroscopy											
trans-1,3-Dichloropropene	MS		(14.0) U	658	98	(86-122)			669	ug/Kg	10/03/2010
	MSD			682	102		4	(< 20)	669	ug/Kg	10/03/2010
Trichloroethene	MS		(14.0) U	716	107	(77-124)			669	ug/Kg	10/03/2010
	MSD			649	97		10	(< 20)	669	ug/Kg	10/03/2010
Trichlorofluoromethane	MS		(26.8) U	574	86	(64-139)			669	ug/Kg	10/03/2010
	MSD			619	93		8	(< 20)	669	ug/Kg	10/03/2010
Vinyl chloride	MS		(14.0) U	729	109	(67-125)			669	ug/Kg	10/03/2010
	MSD			707	106		3	(< 20)	669	ug/Kg	10/03/2010
Xylenes (total)	MS		(55.6) U	1990	99	(89-120)			2010	ug/Kg	10/03/2010
	MSD			2010	100		1	(< 20)	2010	ug/Kg	10/03/2010
Surrogates											
1,2-Dichloroethane-D4 <surr>	MS			657	98	(69-132)					10/03/2010
	MSD			660	99		0				10/03/2010
4-Bromofluorobenzene <surr>	MS			1380	91	(65-144)					10/03/2010
	MSD			1390	92		1				10/03/2010
Toluene-d8 <surr>	MS			734	110	(84-124)					10/03/2010
	MSD			702	105		5				10/03/2010

Batch	VMS11653
Method	SW8260B
Instrument	HP 5890 Series II MS5 VLA

1105138

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CHAIN-OF-CUSTODY RECORD

Laboratory: SGS
Attn: Jennifer Serna

Analysis Parameters/Sample Container Description
(include preservative if used)

Sample Identity	Lab No.	Time	Date Sampled	Comp.	Grab	GRO AK101	VOC 8260B	DRO AK102 RRO AK103	RCRA Metals 6020	GRO AK101 BTEX 8021B	Nickel 6020 EPA 6020			Total Number of Containers	Remarks/Matrix
17391-TP153	1 A→C	0835	9/22/10		X	X	X	X						3	Soil
17391-TP255	2	0850	9/22/10		X	X	X	X						3	Soil
17391-TP353	3	0952	9/22/10		X	X	X	X						3	Soil
17391-TP452	4	1302	9/22/10		X	X	X	X						3	Soil
17391-SS14	5 A→B	1545	9/22/10		X		X		X					2	Soil
17391-SS10	6	1510	9/22/10		X		X		X					2	Soil
17391-SS9	7	1506	9/22/10		X		X		X					2	Soil
17391-SS13	8	1530	9/22/10		X		X		X					2	Soil
17391-SS3	9 A→C	1418	9/22/10		X		X		X	X				3	Soil
17391-SS1	10	1412	9/22/10		X		X		X	X				3	Soil

Project Information		Sample Receipt	
Project Number:	17391	Total Number of Containers	67
Project Name:	360 E 100th Ave	COC Seals/Intact? Y/N/NA	
Contact:	Jessi Morris	Received Good Cond./Cold	
Ongoing Project?	Yes ☒ No ☐	Delivery Method:	
Sampler:	Jessi Morris	(attach shipping bill, if any)	

Instructions

Requested Turnaround Time: Standard

Special Instructions: Place 17391-SS4 on Hold for GRO/BTEX and DRO/RRO. (2 coolers)

Relinquished By: 1.	Relinquished By: 2.	Relinquished By: 3.
Signature: Time: 1340	Signature: Time:	Signature: Time:
Printed Name: Jessica Morris Date: 9/23/10	Printed Name: Date:	Printed Name: Date:
Company: Shannon & Wilson	Company:	Company:

Received By: 1.	Received By: 2.	Received By: 3.
Signature: Time:	Signature: Time:	Signature: Time: 13:40
Printed Name: Date:	Printed Name: Date:	Printed Name: Annie Jan Date: Sept 23, 2010
Company:	Company:	Company: SGS

Distribution: White - w/shipment - returned to Shannon & Wilson w/ laboratory report
Yellow - w/shipment - for consignee files
Pink - Shannon & Wilson - Job File

F-19-91/UR

TB1 = -1.9°C # 203 (no ice crystals)

TB2 = 0.3°C # 13d

No. 27732

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CHAIN-OF-CUSTODY RECORD

Laboratory SGS
Attn: Jennifer Silva

Analysis Parameters/Sample Container Description
(include preservative if used)

	Sample Identity	Lab No.	Time	Date Sampled	Comp.	Grab	GRO AK101 BTEX 8021B	DRO AK102 RRO AK103	Nickel EPA 6020	RCRA metals 6000/7000 series	GRO AK101 VOCs 8260B			Total Number of Containers	Remarks/Matrix
1	17391-SS6	11 A→C	1430	9/22/10		X	X	X	X					3	Soil
1	17391-SS2	12	1414	9/22/10		X	X	X	X					3	Soil
1	17391-SS4	13	1425	9/22/10		X	Hold	Hold	X					3	Soil
1	17391-SS3	14	1722	9/22/10		X	X	X	X	X				3	Soil
1	17391-SS6	15	1735	9/22/10		X	X	X	X	X				3	Soil
1	17391-SS10	16	1743	9/22/10		X	X	X	X	X				3	Soil
1	17391-SS11	17 ↓	1745	9/22/10		X	X	X	X	X				3	Soil
2	17391-TP2SW1	18 A→H	0900	9/23/10		X		X			X			8	water - contains air bubbles
2	17391-SSW1	19 ↓	0930	9/23/10		X		X			X			8	water
1	Soil Trip Blank	20 A	0800	9/22/10		X					X			1	Soil

Project Information		Sample Receipt	
Project Number:	17391	Total Number of Containers	67
Project Name:	360 E 100th Ave	COC Seals/Intact? Y/N/NA	
Contact:	Jessi Morris	Received Good Cond./Cold	
Ongoing Project?	Yes ☒ No ☐	Delivery Method:	
Sampler:	Jessi Morris	(attach shipping bill, if any)	

Instructions

Requested Turnaround Time: Standard

Special Instructions:
* 17391-TP2-SW1 contains air bubbles. Please analyze anyways. (2 coolers)

Relinquished By: 1.	Relinquished By: 2.	Relinquished By: 3.
Signature: Time: 1340	Signature: Time:	Signature: Time:
Printed Name: Jessica Morris Date: 9/23/10	Printed Name: Date:	Printed Name: Date:
Company: Shannon & Wilson	Company:	Company:

Received By: 1.	Received By: 2.	Received By: 3.
Signature: Time:	Signature: Time:	Signature: Time: 1340
Printed Name: Date:	Printed Name: Date:	Printed Name: Annie Jan Date: Sept 23, 2010
Company:	Company:	Company: SGS

Distribution: White - w/shipment - returned to Shannon & Wilson w/ laboratory report
Yellow - w/shipment - for consignee files
Pink - Shannon & Wilson - Job File

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No. 27731

1105138

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

CHAIN-OF-CUSTODY RECORD

Page 3 of 3

Laboratory SGS
Attn: Jennifer Serna

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Denver, Co 80202
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Analysis Parameters/Sample Container Description
(include preservative if used)

	Sample Identity	Lab No.	Time	Date Sampled	Comp.	Grab	GRO AK101 VOCs 8260B						Total Number of Containers	Remarks/Matrix
2	Water Trip Blank	(21) A→C	0802	9/22/10		X	X						3	water

Project Information		Sample Receipt	
Project Number:	17391	Total Number of Containers	67
Project Name:	360 E 100th Ave	COC Seals/Intact? Y/N/NA	
Contact:	Jessi Morris	Received Good Cond./Cold	
Ongoing Project?	Yes ☒ No ☐	Delivery Method:	
Sampler:	Jessi Morris	(attach shipping bill, if any)	

Instructions

Requested Turnaround Time: Standard

Special Instructions: (2 coolers)

Relinquished By: 1.	Relinquished By: 2.	Relinquished By: 3.
Signature: Time: 1340	Signature: Time:	Signature: Time:
Printed Name: Jessica Morris Date: 9/22/10	Printed Name: Date:	Printed Name: Date:
Company: Shannon & Wilson	Company:	Company:

Received By: 1.	Received By: 2.	Received By: 3.
Signature: Time:	Signature: Time:	Signature: Time: 1340
Printed Name: Date:	Printed Name: Date:	Printed Name: Annie Jan Date: Sept 23, 2010
Company:	Company:	Company: SGS

Distribution: White - w/shipment - returned to Shannon & Wilson w/ laboratory report
Yellow - w/shipment - for consignee files
Pink - Shannon & Wilson - Job File

F-19-91/UR

3 No. 27734

SGS

1105138

SAMPLE RECEIPT FORM

Review Criteria:	Condition:	Comments/Action Taken:
Were **custody seals** intact? Note # & location, if applicable. COC accompanied samples?	Yes No N/A Yes No N/A	
Temperature blank compliant* (i.e., 0-6°C after correction factor)? ** Note: Exemption permitted for chilled samples collected less than 8 hours ago.* Cooler ID: 1 @ -1.9 w/ Therm.ID: 203 Cooler ID: 2 @ 0.3 w/ Therm.ID: 13d Cooler ID: ___ @ ___ w/ Therm.ID: ___ Cooler ID: ___ @ ___ w/ Therm.ID: ___ Cooler ID: ___ @ ___ w/ Therm.ID: ___ *Note: If non-compliant, use form FS-0029 to document affected samples/analyses.* If samples are received without a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "**COOLER TEMP**" will be noted to the right. In cases where neither a temp blank nor cooler temp can be obtained, note "ambient" or "chilled." **If temperature(s) <0°C, were all sample containers ice free?**	Yes No N/A Yes No N/A	- cooler 1 contained all soil samples - cooler 2 contained all water samples - No ice crystals in cooler #1 temp blank
Delivery method (specify all that apply): Client USPS Alert Courier Road Runner AK Air Lynden Carlile ERA PenAir FedEx UPS NAC Other:	Note airbill/tracking # See Attached or N/A	
→ For samples received with payment, note amount ($) and cash / check / CC (circle one). → For samples received in FBKS, ANCH staff will verify all criteria are reviewed.		N/A SRF Initiated by: N/A
Do samples **match COC*** (i.e., sample IDs, dates/times collected)? ** Note: Exemption permitted if collection times differ by less than an hour; in which case, the times on the COC will be used.* Are analyses requested unambiguous?	Yes No N/A Yes No N/A	- samples -(19) C, G → H have sample ID "17391-CSSW01" on containers
Were samples in **good condition** (no leaks/cracks/breakage)? Packing material used (specify all that apply): Bubble Wrap Separate plastic bags Vermiculite Other:	Yes No N/A	
Were all VOA vials **free of headspace** (i.e., bubbles ≤6 mm)? Were all soil VOAs **field extracted** with MeOH+BFB? Were the bottles provided by SGS? (Note apparent exceptions.)	Yes No N/A Yes No N/A	- samples -(18) B → C, E → F have bubbles larger than 6mm. samples -(18) A, D are made limited volume as a result. Client is aware of the bubbles and would like to proceed with analysis.
Were **proper containers** (type/mass/volume/preservative*) used? ** Note: Exemption permitted for waters to be analyzed for metals.* Were **Trip Blanks** (i.e., VOAs, LL-Hg) in cooler with samples?	Yes No N/A Yes No N/A	
For preserved waters (other than VOA vials, LL-Mercury or microbiological analyses), was **pH verified and compliant**? If pH was adjusted, were bottles flagged (i.e., stickers)? *Refer to attached bottle sheet (form F066) for documentation.*	Yes No N/A Yes No N/A	
For **RUSH** or **SHORT HOLD TIME** samples, were the COC & this SRF flagged, bottles flagged (e.g., stickers) and lab notified?	Yes No N/A	
For client requested, **site-specific QC** (e.g., MS/MSD/DUP), were bottles flagged (e.g., stickers) and numbered accordingly?	Yes No N/A	
For **special handling** (e.g., "MI" or foreign soils, lab filter, limited volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)?	Yes No N/A	
Was the WO# recorded in Front Counter/Sample Receiving log? **For any question answered "No," has the PM been notified and the problem resolved (or paperwork put in their bin)?**	Yes No N/A Yes No N/A	SRF Completed by: [illegible] Bottle Sheet by: [illegible] PM = Jennifer Serna N/A
Was **PEER REVIEW** of sample numbering completed (i.e., compare WO# on containers to COC, container ID on containers to COC, unique lab ID on each container?)	Yes No N/A	Peer Reviewed by: SLD Metrics: 9/23/10 16:30
Additional notes (if applicable):		

F004r25_SampleReceiptForm_revised_07302010

WO# (7 digits)	Sample #	-	Sample #	Container ID	-	Container ID	Matrix	QC	Preservative (CHECKED)	TEST GROUP	PRINT LABELS	Notes: ANOMALIES - e.g., preservative added or SPECIAL HANDLING - e.g., Multi-Incremental (MI), Field Filter (FF), Lab Filter (LF), use "same jar as" (SJA) for QC, 2xMeOH, bubbles, etc.
SAMPLE ID							TYPE		CONTAINERS	ANALYSIS		Type comments below:
1105138	001		004	A		A	2 Soil		N/A	S_Weigh_Out		
1105138	001		004	B		B	2 Soil		MeOH+BFB *	S_GRO/VOC		
1105138	001		004	C		C	2 Soil		N/A	S_Weigh_Out		EXTRA VOLUME
1105138	005		008	A		A	2 Soil		N/A	S_Weigh_Out		
1105138	005		008	B		B	2 Soil		MeOH+BFB *	S_GRO/VOC		
1105138	009		017	A		A	2 Soil		N/A	S_Weigh_Out		
1105138	009		017	B		B	2 Soil		MeOH+BFB *	S_GRO/VOC		
1105138	009		017	C		C	2 Soil		N/A	S_Weigh_Out		EXTRA VOLUME
1105138	018		019	A		F	1 Water		HCl * VOA or LL-Hg *	W_GRO/VOA		
1105138	018		019	G		H	1 Water		HCl (pH <2)	W_DRO_1L		
1105138	020		020	A		A	2 Soil	Trip Blank	MeOH+BFB *	S_GRO/VOC		
1105138	021		021	A		C	1 Water	Trip Blank	HCl * VOA or LL-Hg *	W_GRO/VOA		

*sample 13 on hold for AK101/102/103 & BTEX per COC
gl sept 23, 2010

1105138

F066_SRF-BottleTracking(electronic)_rev03-05212010

ATTACHMENT 2

“IMPORTANT INFORMATION

ABOUT YOUR GEOTECHNICAL/

ENVIRONMENTAL REPORT”

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

Attachment to and part of Report 32-1-17391

Date:	November 2010
To:	Udelhoven Oilfield Support Systems, Inc.
Re:	Limited Environmental Baseline Study 360 E. 100th Avenue, Anchorage, Alaska

Important Information About Your Geotechnical/Environmental Report

CONSULTING SERVICES ARE PERFORMED FOR SPECIFIC PURPOSES AND FOR SPECIFIC CLIENTS.

Consultants prepare reports to meet the specific needs of specific individuals. A report prepared for a civil engineer may not be adequate for a construction contractor or even another civil engineer. Unless indicated otherwise, your consultant prepared your report expressly for you and expressly for the purposes you indicated. No one other than you should apply this report for its intended purpose without first conferring with the consultant. No party should apply this report for any purpose other than that originally contemplated without first conferring with the consultant.

THE CONSULTANT'S REPORT IS BASED ON PROJECT-SPECIFIC FACTORS.

A geotechnical/environmental report is based on a subsurface exploration plan designed to consider a unique set of project-specific factors. Depending on the project, these may include: the general nature of the structure and property involved; its size and configuration; its historical use and practice; the location of the structure on the site and its orientation; other improvements such as access roads, parking lots, and underground utilities; and the additional risk created by scope-of-service limitations imposed by the client. To help avoid costly problems, ask the consultant to evaluate how any factors that change subsequent to the date of the report may affect the recommendations. Unless your consultant indicates otherwise, your report should not be used: (1) when the nature of the proposed project is changed (for example, if an office building will be erected instead of a parking garage, or if a refrigerated warehouse will be built instead of an unrefrigerated one, or chemicals are discovered on or near the site); (2) when the size, elevation, or configuration of the proposed project is altered; (3) when the location or orientation of the proposed project is modified; (4) when there is a change of ownership; or (5) for application to an adjacent site. Consultants cannot accept responsibility for problems that may occur if they are not consulted after factors, which were considered in the development of the report, have changed.

SUBSURFACE CONDITIONS CAN CHANGE.

Subsurface conditions may be affected as a result of natural processes or human activity. Because a geotechnical/environmental report is based on conditions that existed at the time of subsurface exploration, construction decisions should not be based on a report whose adequacy may have been affected by time. Ask the consultant to advise if additional tests are desirable before construction starts; for example, groundwater conditions commonly vary seasonally.

Construction operations at or adjacent to the site and natural events such as floods, earthquakes, or groundwater fluctuations may also affect subsurface conditions and, thus, the continuing adequacy of a geotechnical/environmental report. The consultant should be kept apprised of any such events, and should be consulted to determine if additional tests are necessary.

MOST RECOMMENDATIONS ARE PROFESSIONAL JUDGMENTS.

Site exploration and testing identifies actual surface and subsurface conditions only at those points where samples are taken. The data were extrapolated by your consultant, who then applied judgment to render an opinion about overall subsurface conditions. The actual interface between materials may be far more gradual or abrupt than your report indicates. Actual conditions in areas not sampled may differ from those predicted in your report. While nothing can be done to prevent such situations, you and your consultant can work together to help reduce their impacts. Retaining your consultant to observe subsurface construction operations can be particularly beneficial in this respect.

A REPORT'S CONCLUSIONS ARE PRELIMINARY.

The conclusions contained in your consultant's report are preliminary because they must be based on the assumption that conditions revealed through selective exploratory sampling are indicative of actual conditions throughout a site. Actual subsurface conditions can be discerned only during earthwork; therefore, you should retain your consultant to observe actual conditions and to provide conclusions. Only the consultant who prepared the report is fully familiar with the background information needed to determine whether or not the report's recommendations based on those conclusions are valid and whether or not the contractor is abiding by applicable recommendations. The consultant who developed your report cannot assume responsibility or liability for the adequacy of the report's recommendations if another party is retained to observe construction.

THE CONSULTANT'S REPORT IS SUBJECT TO MISINTERPRETATION.

Costly problems can occur when other design professionals develop their plans based on misinterpretation of a geotechnical/environmental report. To help avoid these problems, the consultant should be retained to work with other project design professionals to explain relevant geotechnical, geological, hydrogeological, and environmental findings, and to review the adequacy of their plans and specifications relative to these issues.

BORING LOGS AND/OR MONITORING WELL DATA SHOULD NOT BE SEPARATED FROM THE REPORT.

Final boring logs developed by the consultant are based upon interpretation of field logs (assembled by site personnel), field test results, and laboratory and/or office evaluation of field samples and data. Only final boring logs and data are customarily included in geotechnical/environmental reports. These final logs should not, under any circumstances, be redrawn for inclusion in architectural or other design drawings, because drafters may commit errors or omissions in the transfer process.

To reduce the likelihood of boring log or monitoring well misinterpretation, contractors should be given ready access to the complete geotechnical engineering/environmental report prepared or authorized for their use. If access is provided only to the report prepared for you, you should advise contractors of the report's limitations, assuming that a contractor was not one of the specific persons for whom the report was prepared, and that developing construction cost estimates was not one of the specific purposes for which it was prepared. While a contractor may gain important knowledge from a report prepared for another party, the contractor should discuss the report with your consultant and perform the additional or alternative work believed necessary to obtain the data specifically appropriate for construction cost estimating purposes. Some clients hold the mistaken impression that simply disclaiming responsibility for the accuracy of subsurface information always insulates them from attendant liability. Providing the best available information to contractors helps prevent costly construction problems and the adversarial attitudes that aggravate them to a disproportionate scale.

READ RESPONSIBILITY CLAUSES CLOSELY.

Because geotechnical/environmental engineering is based extensively on judgment and opinion, it is far less exact than other design disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. To help prevent this problem, consultants have developed a number of clauses for use in their contracts, reports and other documents. These responsibility clauses are not exculpatory clauses designed to transfer the consultant's liabilities to other parties; rather, they are definitive clauses that identify where the consultant's responsibilities begin and end. Their use helps all parties involved recognize their individual responsibilities and take appropriate action. Some of these definitive clauses are likely to appear in your report, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to your questions.

The preceding paragraphs are based on information provided by the
ASFE/Association of Engineering Firms Practicing in the Geosciences, Silver Spring, Maryland