

August 8, 2013

Mr. Tom Hvizdak  
Wisconsin Department of Natural Resources  
Division of Air, Waste and Remediation & Redevelopment  
473 Griffith Avenue  
Wisconsin Rapids, WI 54494

**Subject: Results of the Additional Remediation Design  
Source Area Delineation and Groundwater  
Monitoring Activities  
Former Garry's One Hour Martinizing  
912 South Central Avenue  
Marshfield, Wisconsin  
BRRTS# 02-72-000296  
AECOM Project 60220723**

Dear Mr. Hvizdak,

AECOM Technical Services, Inc. (AECOM) is pleased to provide the Wisconsin Department of Natural Resources (WDNR) with this letter documenting the results of the additional remediation design source area soil delineation activities performed at the former Garry's Cleaners property located at 912 South Central Avenue in Marshfield, Wood County, Wisconsin (Site; **Figure 1**). The work was performed in accordance with the Change Order Requests submitted to the WDNR on February 28, 2013 and May 13, 2013, which were subsequently approved by the WDNR on March 13, 2013 and May 3, 2013, respectively. The primary objective of the additional delineation activities was to define the extent chlorinated volatile organic compounds (CVOCs) impacts in soil within the previously identified remediation area and perform one round of groundwater sampling. The following report summarizes AECOM's sampling activities and laboratory analytical results.

#### **Scope of Work**

AECOM's scope of work, as approved by the WDNR, included the following:

- Advancement of 14 shallow soil probes (B-24 through B-37) on May 3, 2013, at the locations shown on the attached **Figure 2**. The boring locations were selected to define the CVOc impacts in soil within the remediation area as identified by previous investigations. The soil probes were advanced to the groundwater table (estimated to be approximately 5 feet below ground surface [bgs]). Soil samples were continuously collected from each boring for soil classification and potential analyses. Soil was described according to the unified soil classification system and screened with a photoionization detector (PID) to measure total volatile organic compounds (VOCs);
- Collection of one soil sample from each boring for laboratory analysis of VOCs by United States Environmental Protection Agency (US EPA) Method 8260B. The sample was selected based on the highest PID reading or if no significant PID readings then the sample was collected at a depth of 2.5 feet bgs, which provides a good representation of the vadose zone soil conditions since groundwater is less than 5 feet bgs;

- Evaluation of the analytical data to delineate the remediation area into soils that are considered non-hazardous (total analyte analytical results less than 20 times the toxicity characteristic leaching procedure [TCLP] limit) and characteristically hazardous (total analyte analytical results greater than 20 times the TCLP limit);
- Collection of groundwater samples for laboratory analysis of VOCs analysis (US EPA Method 8260B) from 13 groundwater monitoring wells at the Site (MW-1, MW-2, MW-3, MW-3I, MW-3D, MW-3D2, KFC-1, KFC-2, KFC-4, KFC-4I, KFC-5, KFC-5I, and KFC-6). Note that monitoring well KFC-3 could not be located and KFC-6I had an obstruction that prevented sampling;
- Collection of groundwater samples for laboratory analysis for natural attenuation parameters (ethene, ethane, and methane; dissolved iron; total organic carbon [TOC]; nitrate+nitrite; and sulfate) from near source area wells MW-3, MW-3I, MW-3D, and KFC-2;
- Completion of a survey for Site features and elevations of all 14 groundwater monitoring wells at the Site;
- Repairing eight flush grade monitoring wells (MW-3, MW-3, MW-3I, MW-3D2, KFC-1, KFC-5, KFC-5I, KFC-6, and KFC-6I) that were found in serious disrepair; and
- Preparation of this report documenting the results of the soil delineation and groundwater sampling activities discussed herein.

### **Field Activities, Observations and Results**

Refer to **Figure 2** for soil delineation boring locations and **Figure 3** for monitoring well locations. AECOM's Site specific operating procedures are provided as **Attachment A**.

### **Soil Borings**

AECOM provided oversight during the advancement of 14 soil borings (B-24 through B-37) on May 3, 2013. The soil borings were advanced to depths of approximately 5 feet bgs by On-Site Environmental Services, Inc. (On-Site Environmental; Sun Prairie, Wisconsin) utilizing a 2.25-inch diameter stainless steel hydraulic push probe unit. Note that boring B-28 was 8 feet deep due to a soil pile (3 feet high) located over the area.

Continuous soil samples were collected throughout the depth of each soil probe. Soil samples were screened in the field using a PID to detect total VOCs. PID measurements were recorded as Instrument Units (IU) which are equivalent to parts per million, based on lamp energy and instrument calibration. The soil samples from each boring were described according to the Unified Soil Classification System. A total of 14 soil samples (one from each boring) were collected from the unsaturated soil and submitted for laboratory analysis. The 14 borings were abandoned the same day upon completion of the soil sampling. WDNR boring log forms (Form 4400-122) and abandonment forms (Form 3300-005) are provided as **Attachment B**.

### **Soil Sampling Observations and Results**

Soils at the Site generally consist of discontinuous layers of silt and sand from 0.25 to 5 feet bgs over reddish-brown silty and sandy clay down to the termination depths of the borings. Up to one foot of fill material, consisting of organic silty topsoil and gravel asphalt base course material, overlies the native soils at the Site. Soil samples for PID screening were collected in approximate intervals of two feet throughout the borings.

PID readings ranged from 0 IU to 357 IU with the highest impacts in boring B-24 (357 IU) at 2 to 3 feet bgs. Boring B-24 appears to be a secondary localized source area located approximately 50 feet to the northwest of the primary source area boring (B-14). PID measurements are included on the boring logs provided in **Attachment B**.

VOC concentrations ranged from 107,000 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) tetrachloroethene (PCE) in boring B-24 (secondary source area) to below the laboratory method detection limits in delineation borings B-28, B-31 through B34. Soil VOC analytical results are summarized in **Table 1**. The spacial distribution of PCE and trichloroethene (TCE) are illustrated on **Figure 4**. The soil laboratory analytical report is provided as **Attachment C**.

To aid in the evaluation of potential alternative remediation methods, the laboratory analytical results with elevated PCE concentrations were also evaluated for hazardous determination using the "rule of 20". In the toxicity characteristic leaching procedure (TCLP) procedure, the original test sample of a solid material is mixed or diluted with a volume of extraction fluid that equals 20 times the weight of the sample. If all of a constituent in the sample completely dissolved or leached into the extraction fluid during the procedure, then the concentration of the constituent in the extraction fluid will always be 20 times less than its original concentration in the sample, because it is diluted to 1/20th of its original concentration. Thus the total concentration results can be divided by 20 and compared to the regulatory TCLP levels specified in NR 661.24 (Table 2) to determine if the material would need to be treated as a hazardous waste if removed.

The regulatory TCLP hazardous concentration limit is 0.7 milligrams per liter (mg/L) for PCE and 0.5 mg/L for TCE. One sample (from boring B-24) had a PCE concentration (107,000  $\mu\text{g}/\text{kg}$ ) that exceeded the rule of 20 TCLP hazardous limit of 14,000 parts per billion ( $\mu\text{g}/\text{kg}$ ). Borings B-36 and B-37 provide definition of the extent of hazardous levels of PCE in the vicinity of boring B-24.

### Groundwater Sampling Observations and Results

Thirteen groundwater monitoring wells at the Site were sampled by AECOM on May 7 and 8, 2013. Note that groundwater monitoring well KFC-3 could not be sampled because the well was not found. The pavement around KFC-3 appeared to be newer asphalt and the location of the well and could not be found by utilizing a metal detector. In addition, groundwater monitoring well KFC-6I could not be sampled. Monitoring well KFC-6I was obstructed at approximately 2 feet bgs. The obstruction appears to be sediment that has filled the well.

Groundwater elevation measurements ranged from 1.8 feet (KFC-1) to 8.9 feet (KFC-4) bgs in the "shallow"<sup>1</sup> (perched) groundwater wells (MW-1, MW-2, MW-3, KFC-1, KFC-2, KFC-4, KFC-5, and KFC-6). Groundwater elevation measurements ranged from 0.32 foot (MW-3I) to 7.25 feet (KFC-4I) below the wells top of casings in the "intermediate"<sup>2</sup> depth wells (MW-3I, KFC-4I, and KFC-5I). The groundwater elevation was measured at 5.22 feet below the wells top of casing in source area piezometer MW-3D2, which is approximately 74 feet deep. In general, the shallow groundwater flow at the Site is to the southeast with a gradient of 0.04 between groundwater monitoring wells MW-3 and KFC-2 (**Figure 5**). The intermediate groundwater flow at the Site is to the south with a gradient of 0.05 between groundwater monitoring wells MW-3I and MW-4I (**Figure 6**). Groundwater elevations are summarized in **Table 2**.

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<sup>1</sup> Wells ranging in depth from approximately 16 to 23 feet deep.

<sup>2</sup> Wells ranging in depth from approximately 30 to 60 feet deep.

Four wells are located within proximity to the primary PCE source area, MW-3, MW-3D, MW-3I, and MW-3D2 (shallow [19 feet] to deepest [74 feet]). In general, there is a downward vertical gradient in the nested source area wells as observed between the two shallow most wells (MW-3/MW-3D) and the two deepest wells (MW-3I/MW-3D2). However, the downward migration potential in the source area is lessened by an upward vertical gradient between the two intermediate nested wells (MW-3D/MW-3I).

PCE exceeded the NR 140 Enforcement Standard (ES) of 5.0 micrograms per liter ( $\mu\text{g/L}$ ) in five monitoring wells (MW-1, MW-3, MW-3D, MW-3D2, and KFC-2) with the highest concentration (157,000  $\mu\text{g/L}$ ) in the groundwater sample collected from source area monitoring well MW-3. PCE breakdown products (TCE, cis-1,2-dichloroethene [cis-1,2-DCE], trans-1,2-dichloroethene [trans-1,2-DCE], and vinyl chloride) were also present at concentrations exceeding the ES in one or more of the impacted groundwater monitoring wells. Shallow CVOC impacts in groundwater are delineated (side and down gradient) both on and off-Site. CVOC impacts are not vertically delineated in the source area wells (MW-3, MW-3D, MW-3I, and MW-3D2), as PCE, TCE, cis-1,2-DCE, and vinyl chloride are present at concentrations exceeding the ES in bedrock well MW-3D2. Groundwater analytical data is summarized in **Table 3** and the groundwater laboratory analytical report is provided as **Attachment C**.

Note that wells at the Site were historically sampled up to six times between March 1993 and January 8, 2008. The historical groundwater data is summarized in Table 2 (provided as **Attachment D** [obtained from RSV Engineering, Inc.'s June 10, 2009 *Request for Proposal*]). By comparison, the most recent PCE concentration in the shallow source area well MW-3 is generally consistent with the January 2008 concentration; while the concentration in piezometer MW-3D2 has increased.

### Groundwater Bioattenuation Evaluation

Groundwater samples were collected from near source area wells MW-3, MW-3I, MW-3D, and KFC-2 for analysis of natural attenuation parameters (ethene, ethane, and methane by US EPA Method 8015; dissolved iron by US EPA Method 8146; TOC by US EPA Method 5310; nitrate+nitrite by US EPA Method 353.2; and sulfate by US EPA Method 300). These parameters were collected to evaluate current natural attenuation conditions and to benchmark conditions in groundwater prior to completing active remediation at the Site. In general, the bioattenuation data (along with groundwater sampling bioattenuation field measurements) indicate that there are reducing conditions present in the CVOC impacted wells, which is generally supportive for reductive dechlorination. However, the measured TOC results are lower than what is generally preferred at sites for implementing remediation by natural attenuation. TOC concentrations should be greater than 20 milligrams per liter (mg/L); however, Site TOC concentrations range from between 1.1 and 16.8 mg/L. Bioattenuation laboratory results are included in the groundwater laboratory report (**Attachment C**) and the groundwater bioattenuation data is summarized in **Table 4**. AECOM's well purging and sample collection forms, which include field bioattenuation measurements (dissolved oxygen, temperature, pH, specific conductivity, and oxidation/reduction potential) is provided as **Attachment E**.

### Monitoring Well Repair

Nine groundwater monitoring wells were repaired on May 3, 2013. The wells were repaired by On-Site Environmental, under direction of AECOM. The well repairs consisted of cutting down polyvinyl chloride (PVC) well casings that have heaved and no longer allow enough clearance for an expansion plug and proper fit of the flush mounted well box cover, replacement of well box covers, addition of well expansion plugs, and concrete added around the flush mounted well boxes for protection. The well repairs are summarized in the following table:

Well	Repair Description
MW-2	Cut down heaved PVC well casing and replaced well box cover
MW-3	Cut down heaved PVC well casing and replaced well box cover
MW-3I	Cut down heaved PVC well casing and replaced well box cover
MW-3D2	Addition of expansion plug
KFC-1	Addition of expansion plug and replacement of well box cover
KFC-5	Addition of expansion plug, replacement of well box cover, and concrete added around well box
KFC-5I	Addition of expansion plug, replacement of well box cover, and concrete added around well box
KFC-6	Addition of expansion plug and replacement of well box cover
KFC-6I	Addition of expansion plug and replacement of well box cover

### Site Surveying

Site features and ground and well-casing elevations for the groundwater monitoring wells were surveyed by AECOM personnel on May 7, 2013. The elevation data for the monitoring wells were referenced to elevations obtained from a nearby United States Geological Survey benchmark of 1253.05 feet mean sea level. The survey data was incorporated into the figures and tables utilized in this report. AECOM's survey SOPs are provided in Attachment A.

### Investigative Waste Disposal

Environmentally derived waste from former Garry's Cleaners site investigation activities, *i.e.* groundwater from monitoring well sampling activities, were disposed by Badger Disposal of Wisconsin, Inc. (Milwaukee, Wisconsin; Badger Disposal).

One drum of purged groundwater was generated during AECOM's May 2013 groundwater sampling activities. The purged groundwater was placed into a Department of Transportation – approved 55-gallon drum and stored on-Site pending proper disposal. Badger Disposal removed the 55-gallon drum of groundwater from the Site on July 15, 2013. Waste disposal documentation for environmentally derived waste at the Site is included as **Attachment F**.

### Discussion and Recommendations

AECOM performed additional soil sampling and groundwater sampling at the Site in May 2013. Based on an evaluation of data obtained during the investigation activities performed at the Site to date, AECOM concludes the following:

- Shallow groundwater at the Site is approximately 1.4 to 8.4 feet bgs and flows to the southeast with a hydraulic gradient of 0.04. Groundwater at 30 to 60 feet bgs (intermediate) flows to the south with a gradient of 0.05. Generally, there is an downward vertical gradient in the nested source area wells (MW-3, MW-3D, MW-3I, and MW-3D2);

- Soils at the Site primarily consist of discontinuous layers of silt and sand from 0.25 to 5 feet bgs over reddish-brown silty and sandy clay down to the termination depths of the borings with up to 1 foot of fill material overlying the native soils;
- Laboratory results from AECOM's May 2013 soil sampling activities appear to define the extent of chlorinated VOCs impacts in vadose zone (unsaturated) soils to less than the Wisconsin Administrative Code Chapter NR 720 Residual Contaminant Level. The estimated extent of vadose zone chlorinated impacts, utilizing all available unsaturated soil analytical results (current and historic), is illustrated on **Figure 3** (magenta line);
- Two areas within the remediation area have soil concentrations of PCE that exceed the hazardous TCLP criteria (shown in red on **Figure 4**). These areas are bounded by borings that have concentrations either less than the laboratory method detection limits or less than the rule of 20 TCLP hazardous criteria;
- PCE exceeded the NR 140 ES in five monitoring wells (MW-1, MW-3, MW-3D, MW-3D2, and KFC-2) with the highest concentration in source area monitoring well MW-3. PCE breakdown products (TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) were also present at concentrations exceeding the ES in one or more of the impacted groundwater monitoring wells. Shallow CVOC impacts in groundwater are delineated (side and down gradient) both on and off-Site. CVOC impacts are not vertically delineated in the source area wells and PCE, TCE, cis-1,2-DCE, and vinyl chloride are present at concentrations exceeding the ES in bedrock well MW-3D2; and
- Site bioattenuation data indicate that there are reducing conditions present in the CVOC impacted wells, which is supportive for reductive dechlorination. However, Site TOC concentrations are lower than what is required for reductive dechlorination to proceed at a sufficient rate.

AECOM recommends revising the remedial action options report to establish a recommended technologically and economically feasible method to remediate the identified area of significant soil impacts where overhead and underground utilities are present.

### Closing

We trust that the information contained in this report meets your needs. Please contact either of the undersigned with questions and/or comments regarding this report.

Sincerely yours,



Richard Mazurkiewicz  
Senior Hydrogeologist  
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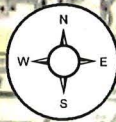
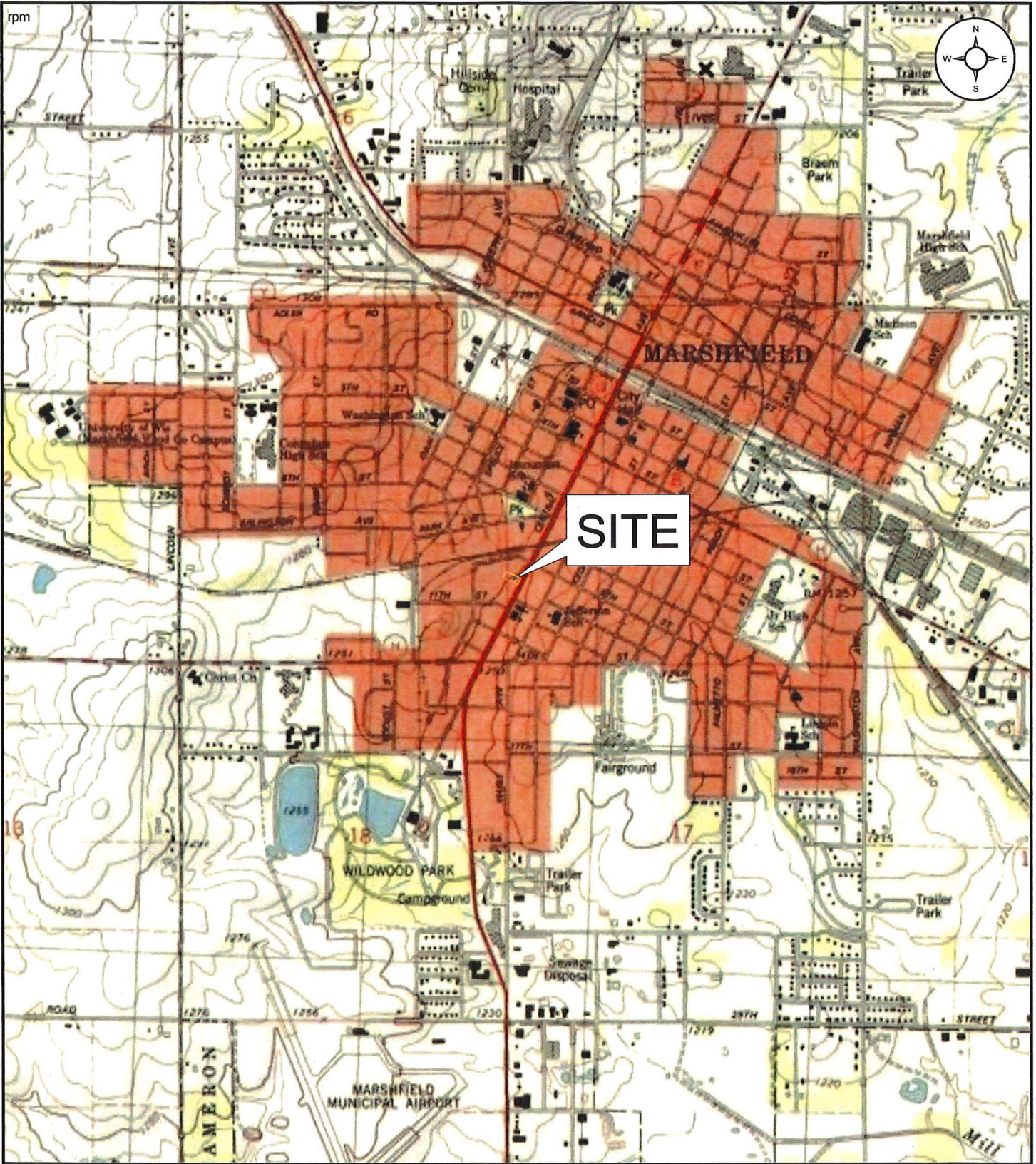
Kevin L. Brehm, P.E  
Principal/Office Manager  
[kevin.brehm@aecom.com](mailto:kevin.brehm@aecom.com)

Attachments:

- Table 1 – Summary of Soil Analytical Data
- Table 2 – Summary of Groundwater Elevation Data
- Table 3 – Summary of Groundwater Analytical Data
- Table 4 – Summary of Groundwater Bioattenuation Data
  
- Figure 1 – Site Location Map
- Figure 2 – Soil Boring Location Map
- Figure 3 – Site Layout
- Figure 4 – Spacial Distribution of PCE and TCE Concentrations in Soil
- Figure 5 – Groundwater Elevation Contour Map (Shallow Wells-5/7/2013)
- Figure 6 – Groundwater Potentiometric Surface Map (Intermediate Wells-5/7/2013)
  
- Attachment A – AECOM Site Specific Operating Procedures
- Attachment B – Soil Boring Logs and Abandonment Forms
- Attachment C – Soil and Groundwater Laboratory Reports
- Attachment D – Historical Groundwater Analytical Data (RVS Engineering, Inc.)
- Attachment E – AECOM's Well Purging and Sample Collection Forms
- Attachment F – Investigative Waste Disposal Documentation

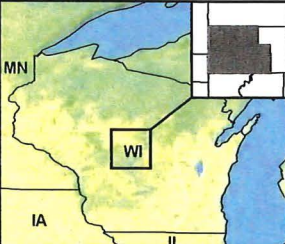
c: Garry Eckes  
Glen Smith – Wheeler Upham, PC  
Tim Fitzpatrick – WMCR Corporation

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**SITE**

Site Location (Wood County)



Site Location Map  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, WI 54449

**AECOM**

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AECOM Project: 60220723

Date: 12/11/12

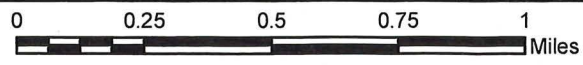
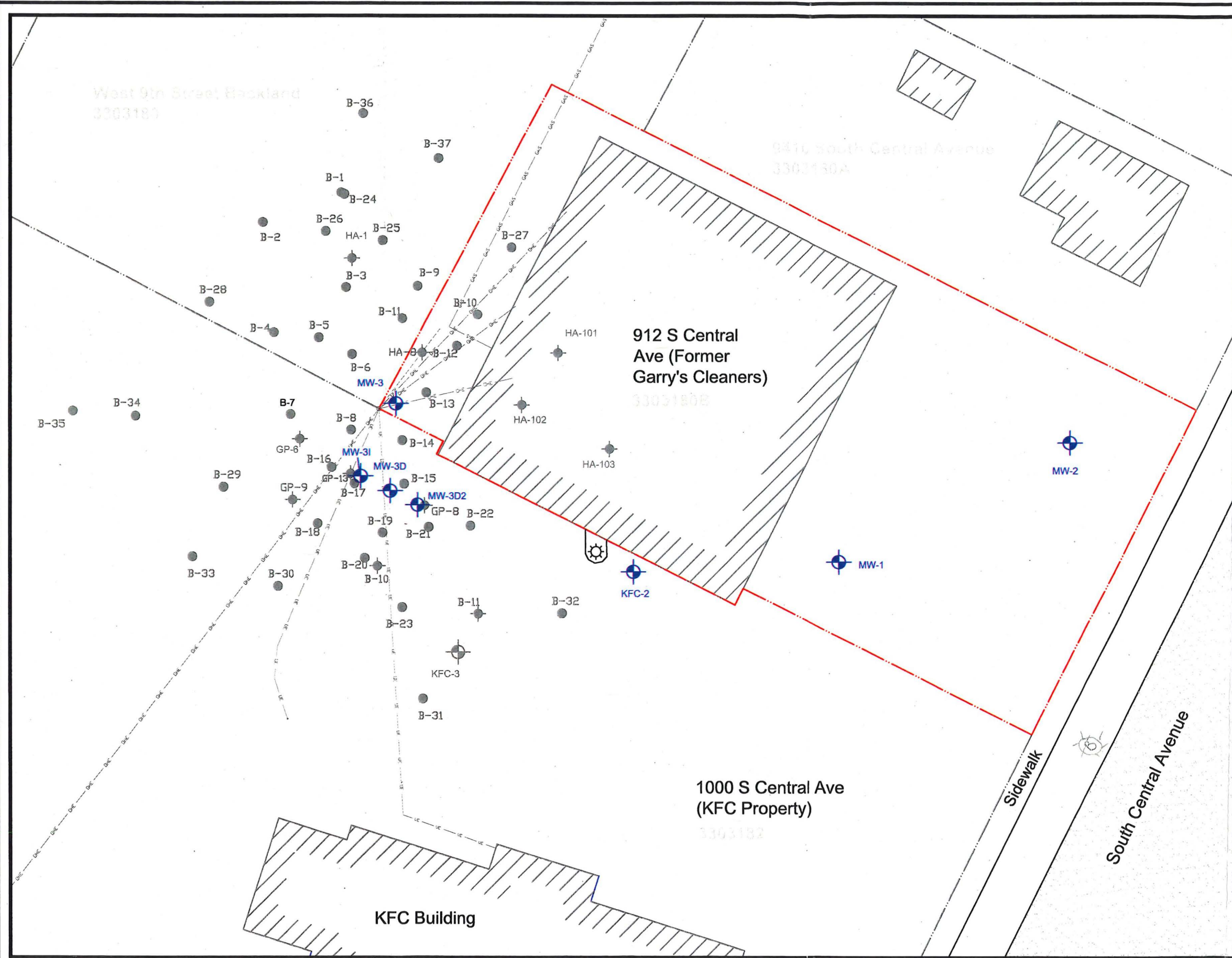


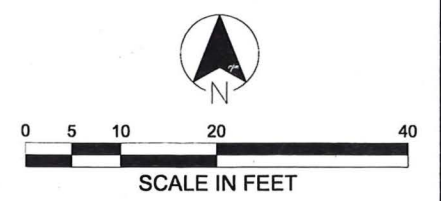
Figure 1





- LEGEND:**
- Garry's Cleaners Property Boundary
  - Property Boundaries
  - Buildings
  - Overhead Electric Utility
  - Underground Electric Utility
  - Underground Gas Utility
  - Electric Pole
  - Electric Pole Guy Wires

- HA-1  
 GP-8  
Historical Soil Sample Locations
- B-1  
AECOM Soil Sample Locations  
(9/2012 and 5/20/13)
- MW-1  
Groundwater Monitoring Wells
- Lot Light



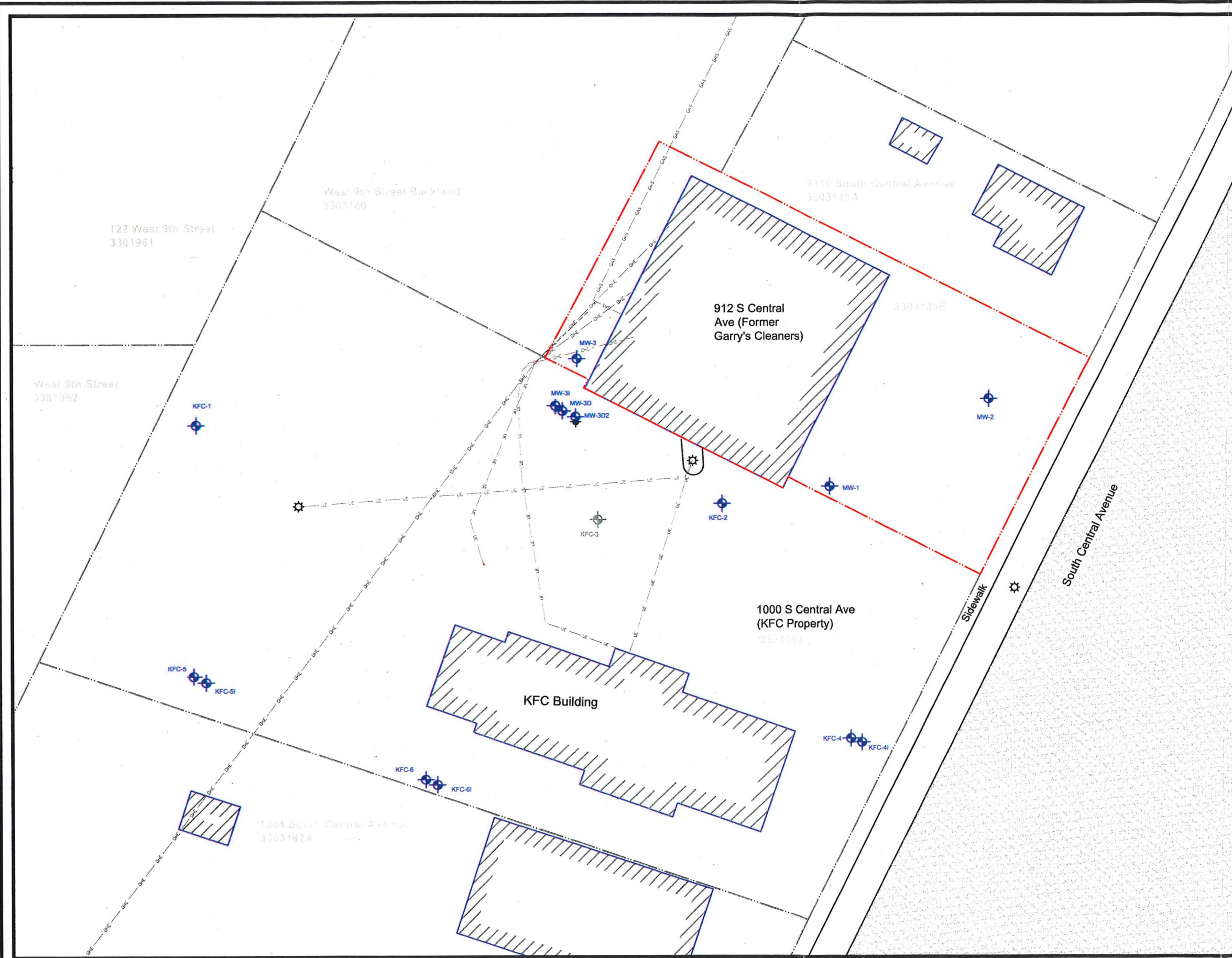
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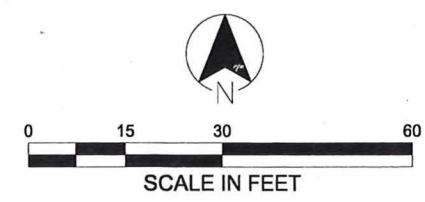
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SCALE	DATE	AECOM PROJECT
AS NOTED	09/11/2012	60220723

Soil Boring Location Map  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin



- LEGEND:**
- Garry's Cleaners Property Boundary
  - Property Boundaries
  - Buildings
  - Overhead Electric Utility
  - Underground Electric Utility
  - Underground Gas Utility
  - Electric Pole
  - Electric Pole Guy Wires
  - Light Pole
  - Address and/or Parcel Number
  - Groundwater Monitoring Well
  - Missing Groundwater Monitoring Well



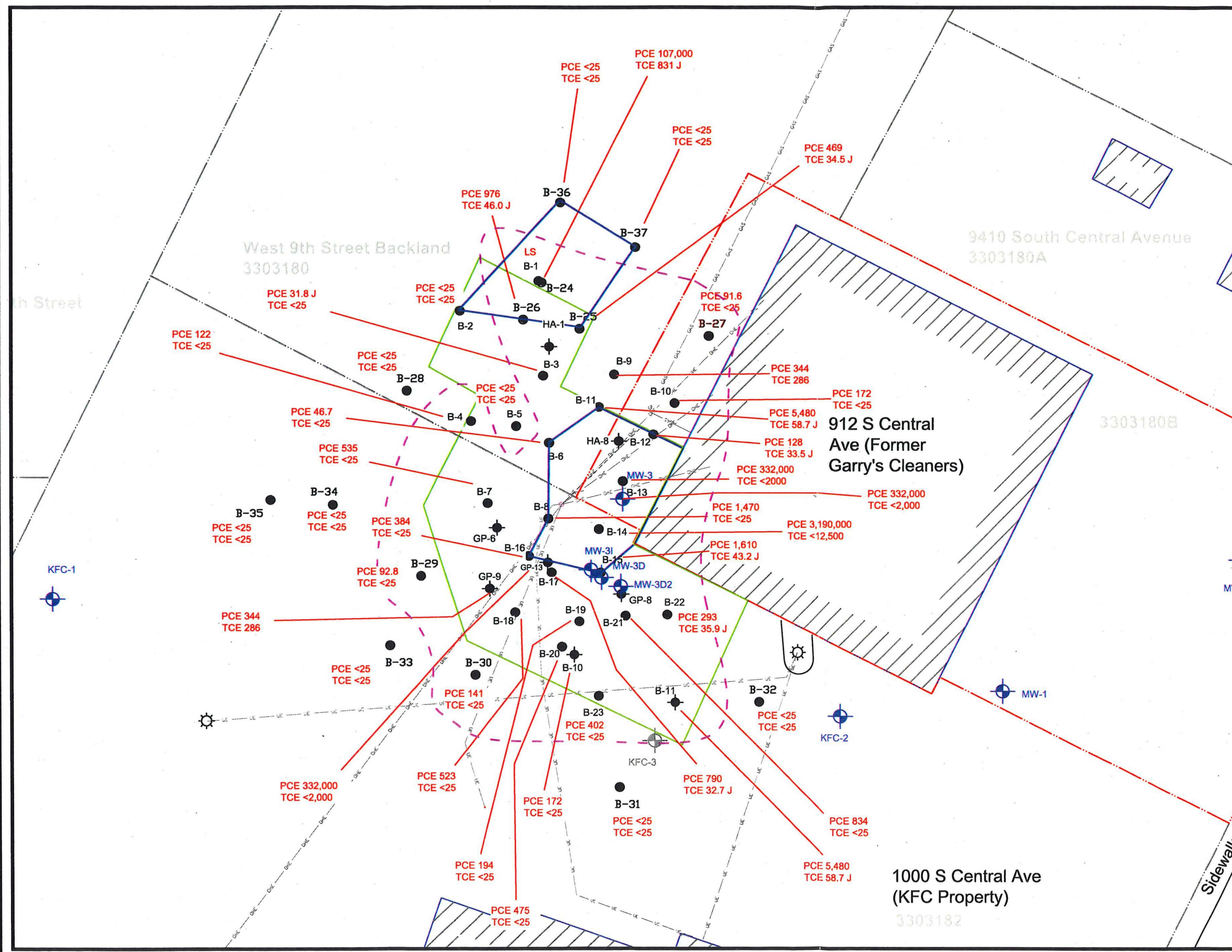
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**AECOM**

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**Site Layout**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin

SCALE: AS NOTED	DATE: 07/15/2013	AECOM PROJECT: 60220723
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- LEGEND:**
- Garry's Cleaners Property Boundary
  - Property Boundaries
  - Buildings
  - Overhead Electric Utility
  - Underground Electric Utility
  - Underground Gas Utility
  - Formerly Defined Remediation Area
  - Electric Pole
  - Electric Pole Guy Wires
  - AECOM Soil Sample Locations (9/2012 and 5/2013)
  - Historical Soil Sample Locations
  - Monitoring Wells
  - Missing Monitoring Well
  - Light Pole
  - Estimated Extent of Chlorinated Impacts in Soil
  - Estimated Area of Characteristically Hazardous Chlorinated VOC Impacted Soils, if removed (dashed where inferred). Note that hazardous areas are conservatively delineated by borings with chlorinated VOC sample results either below the laboratory method detection limits or below the rule of 20 TCLP hazardous criteria.

ALL CONCENTRATIONS IN MICROGRAMS PER KILOGRAM

J = Laboratory flag indicating that results reported between the Method Detection Limit (MDL) and Limit of Quantitation.

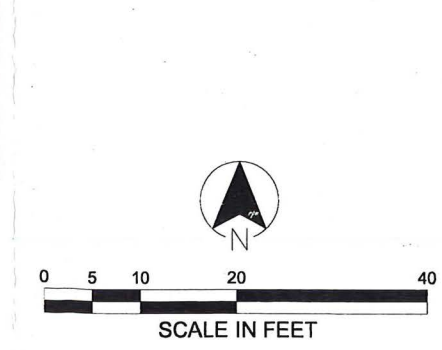
LS = Lost Sample

PCE = Tetrachloroethene

TCE = Trichloroethene

912 S Central Ave (Former Garry's Cleaners)

1000 S Central Ave (KFC Property)



NO.	DESCRIPTION	DATE	BY

**AECOM**

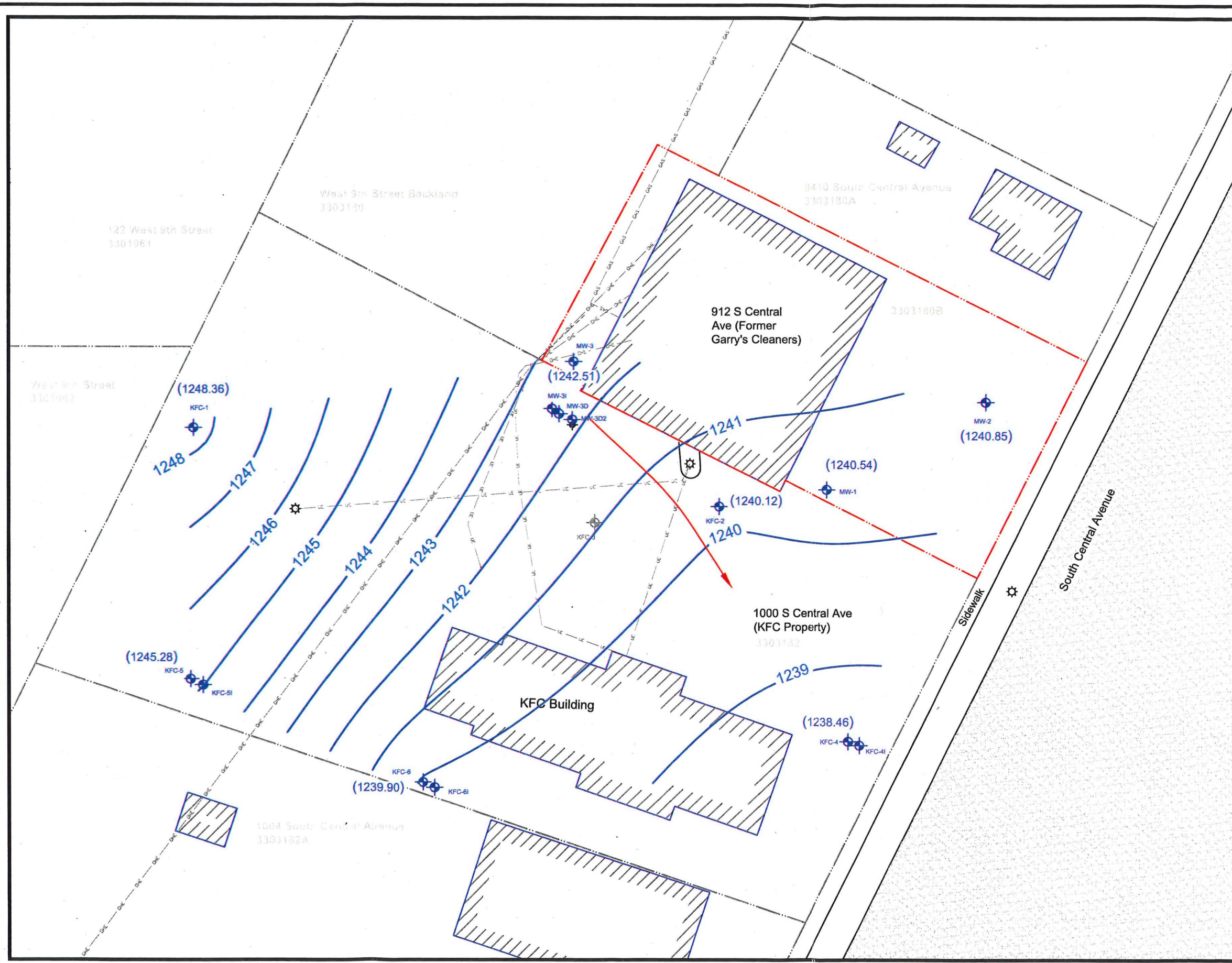
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**Spatial Distribution of PCE and TCE Concentrations in Soil**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin

SCALE: AS NOTED

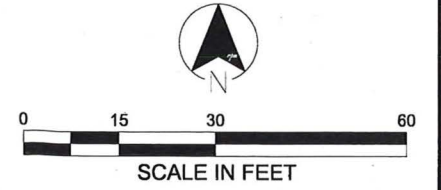
DATE: 07/12/2013

AECOM PROJECT: 60220723



**LEGEND:**

- Garry's Cleaners Property Boundary
- Property Boundaries
- Buildings
- Overhead Electric Utility
- Underground Electric Utility
- Underground Gas Utility
- Electric Pole
- Electric Pole Guy Wires
- Light Pole
- Address and/or Parcel Number
- Groundwater Monitoring Well
- Missing Groundwater Monitoring Well
- GROUNDWATER ELEVATION (mean sea level)
- GROUNDWATER CONTOUR (Interval = 1 Foot)
- GROUNDWATER FLOW DIRECTION (gradient = 0.04, between monitoring wells MW-3 and KFC-2)



NO.	DESCRIPTION	DATE	BY

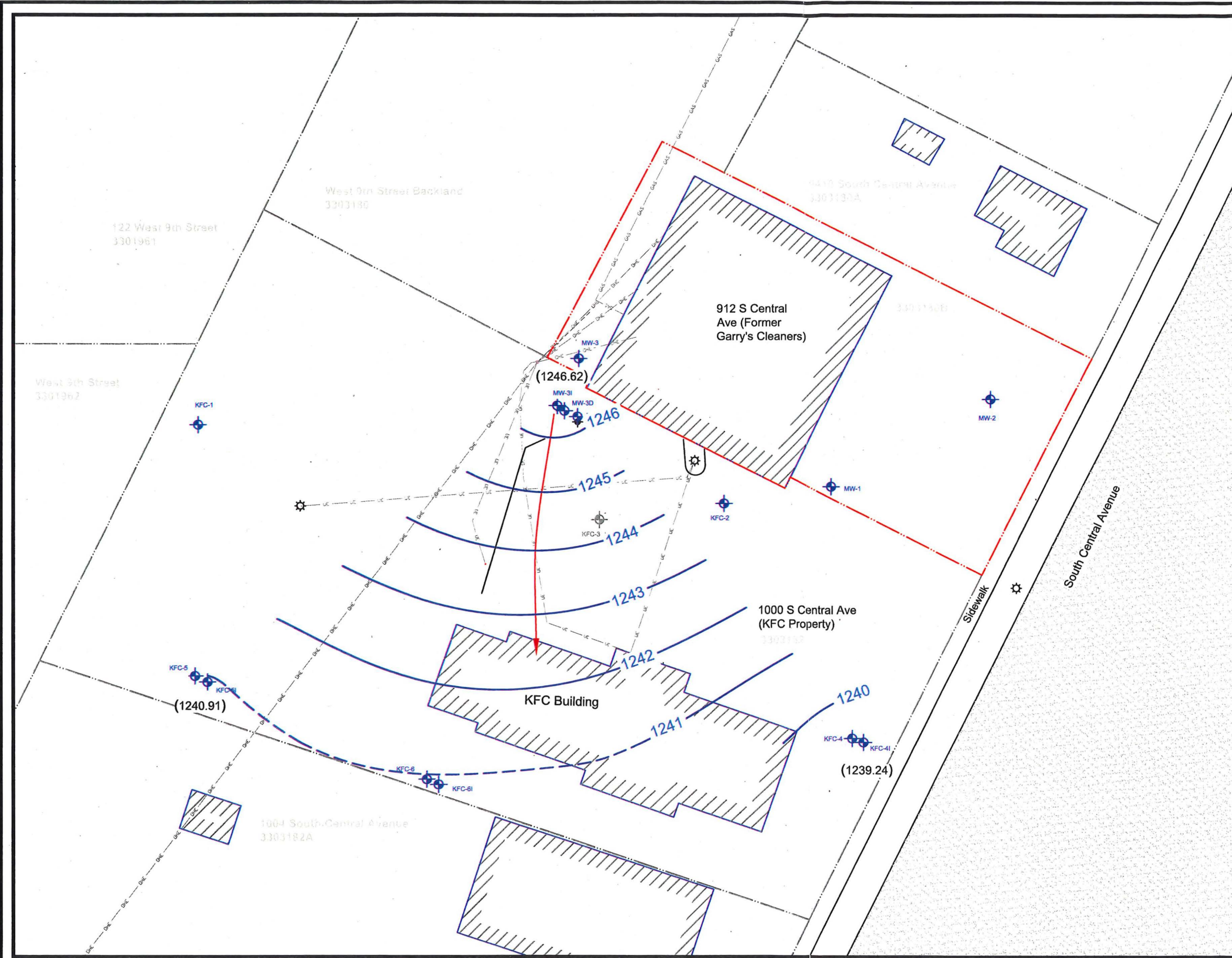
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CHECKED BY:	SP
APPROVED BY:	KB

**AECOM**

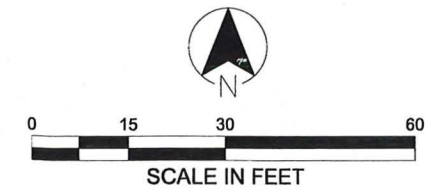
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**Groundwater Elevation Contour Map**  
 (Shallow Wells-5/7/2013)  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin

SCALE:	DATE:	AECOM PROJECT:
AS NOTED	07/15/2013	60220723



- LEGEND:**
- Garry's Cleaners Property Boundary
  - Property Boundaries
  - Buildings
  - Overhead Electric Utility
  - Underground Electric Utility
  - Underground Gas Utility
  - Electric Pole
  - Electric Pole Guy Wires
  - Light Pole
  - Address and/or Parcel Number
  - Groundwater Monitoring Well
  - Missing Groundwater Monitoring Well
  - GROUNDWATER POTENTIOMETRIC ELEVATION (mean sea level)
  - POTENTIOMETRIC CONTOUR (Interval = 1 Foot)
  - GROUNDWATER POTENTIOMETRIC SURFACE (gradient = 0.05, between monitoring wells MW-31 and MW-41)



NO.	DESCRIPTION	DATE	BY

**AECOM**

AECOM Environment  
 1555 N RiverCenter Drive Suite 214  
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**Groundwater Potentiometric Surface Map**  
 (Intermediate Wells-5/7/2013)  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin

SCALE:	DATE:	AECOM PROJECT#:
AS NOTED	07/15/2013	60220723

**TABLE 1**  
**Summary of Soil Analytical Data**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin  
 AECOM Project 60220723

Parameters	Generic RCLs					B-2 2-3	B-3 3-4	B-4 3-4	B-5 2-3	B-6 1-2	B-7 4-5	B-8 3-4	B-9 2-3	B-10 4-5	B-11 3-4	B-12 4-5
	Direct Contact Pathway		Volatile Inhalation		Groundwater											
	Non-Industrial <sup>A</sup>	Industrial <sup>B</sup>	Non-Industrial <sup>C</sup>	Industrial <sup>D</sup>	Pathway <sup>E</sup>											
PID →						09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12
Soil Type →						Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
VOCs (µg/kg)																
n-Butylbenzene	—	—	—	—	—	<40.4	<40.4	<40.4	<40.4	<36.3	<34.1	<40.4	<36.3	<40.4	<40.4	<40.4
sec-Butylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Chloromethane	4,910	220,000	410	6,900	14	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	1,560,000	102,000,000	400,000	400,000	2,900	<25.0	69.1	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>G</sup>	110,000 <sup>G</sup>	—	—	400	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroethene	1,230	35,000	2,000	34,000	4.1	<25.0	31.8J <sup>E</sup>	122 <sup>E</sup>	<25.0	46.7J <sup>E</sup>	535 <sup>E</sup>	1,470 <sup>A,E</sup>	344 <sup>E</sup>	172 <sup>E</sup>	5,480 <sup>A,C,E</sup>	128 <sup>E</sup>
Trichloroethene	160	7,150	14	230	3.7	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	286 <sup>A,C,D,E</sup>	<25.0	58.7J <sup>C,E</sup>	33.5J <sup>C,E</sup>
cis-1,2-Dichloroethene	156,000	10,200,000	1,300,000	1,300,000	55	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	46.1J	65.2J <sup>E</sup>	63.7J <sup>E</sup>
Vinyl chloride	43	1,910	53	890	0.13	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	35.0J <sup>E</sup>
Bromodichloromethane	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloroform	10,500	469,000	54	960	2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000	110,000	65,000	440,000	400	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	1,250,000	81,800,000	670,000	670,000	1,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	782,000	51,100,000	47,000	330,000	3,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	64.0J	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	782,000	51,100,000	27,000	190,000	2,100	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	59.4J	<25.0	<25.0	<25.0
Xylenes (total)	3,130,000	204,000,000	270,000	1,900,000	4,100	<75.0	94.9J	<75.0	<75.0	<67.5	<63.3	<75.0	<67.5	<75.0	<75.0	<75.0

Parameters	Generic RCLs					B-13 1-2	B-14 2-3	B-15 2-3	B-16 3-4	B-17 3-4	B-18 4-5	B-19 3-4	B-20 2-3	B-21 3-4	B-22 2-3	B-23 4-5
	Direct Contact Pathway		Volatile Inhalation		Groundwater											
	Non-Industrial <sup>A</sup>	Industrial <sup>B</sup>	Non-Industrial <sup>C</sup>	Industrial <sup>D</sup>	Pathway <sup>E</sup>											
PID →						09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12	09/13/12
Soil Type →						Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
VOCs (µg/kg)																
n-Butylbenzene	—	—	—	—	—	<40.4	<40.4	<40.4	<40.4	<36.3	<34.1	<40.4	<36.3	<40.4	<40.4	<40.4
sec-Butylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Chloromethane	4,910	220,000	410	6,900	14	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	1,560,000	102,000,000	400,000	400,000	2,900	<25.0	69.1	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>G</sup>	110,000 <sup>G</sup>	—	—	400	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	—	—	—	—	—	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroethene	1,230	35,000	2,000	34,000	4.1	332,000 <sup>A,B,C,D,E</sup>	3,190,000 <sup>A,B,C,D,E</sup>	1,610 <sup>A,E</sup>	384 <sup>E</sup>	790 <sup>E</sup>	523 <sup>E</sup>	194 <sup>E</sup>	475 <sup>E</sup>	834 <sup>E</sup>	293 <sup>E</sup>	402 <sup>E</sup>
Trichloroethene	160	7,150	14	230	3.7	<2,000	<12,500	43.2J <sup>C,E</sup>	<25.0	32.7J <sup>C,E</sup>	<25.0	<25.0	<25.0	<25.0	35.9J <sup>C,E</sup>	<25.0
cis-1,2-Dichloroethene	156,000	10,200,000	1,300,000	1,300,000	55	<2,000	<12,500	<25.0	<25.0	36.4J	130 <sup>E</sup>	<25.0	<25.0	48.9J	29.6J	<25.0
Vinyl chloride	43	1,910	53	890	0.13	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	—	—	—	—	—	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloroform	10,500	469,000	54	960	2	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>F</sup>	110,000 <sup>F</sup>	65,000	440,000	400 <sup>F</sup>	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	1,250,000	81,800,000	670,000	670,000	1,500	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	782,000	51,100,000	47,000	330,000	3,000 <sup>H</sup>	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	782,000	51,100,000	27,000	190,000	2,100 <sup>H</sup>	<2,000	<12,500	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylenes (total)	3,130,000	204,000,000	270,000	1,900,000	4,100	<75.0	94.9J	<75.0	<75.0	<67.5	<63.3	<75.0	<67.5	<75.0	<75.0	<75.0

**TABLE 1**  
**Summary of Soil Analytical Data**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin  
 AECOM Project 60220723

Parameters	Generic RCLs					B-24	B-25	B-26	B-27	B-28	B-29	B-30	B-31	B-32	B-33	B-34
	Direct Contact Pathway		Volatile Inhalation		Groundwater	2-3	3-4	3-4	3-4	7-8*	4-5	4-5	4-5	4-5	2-3	1-2
	Non-Industrial <sup>A</sup>	Industrial <sup>B</sup>	Non-Industrial <sup>C</sup>	Industrial <sup>D</sup>	Pathway <sup>E</sup>	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13
PID →						Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
Soil Type →						Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
VOCs (µg/kg)																
n-Butylbenzene	--	--	--	--	--	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
sec-Butylbenzene	--	--	--	--	--	<312	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	--	--	--	--	--	<312	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Chloromethane	4,910	220,000	410	6,900	14	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	1,560,000	102,000,000	400,000	400,000	2,900 <sup>F</sup>	<312	<25.0	<25.0	<25.0	<22.5	<21.1	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>G</sup>	110,000 <sup>G</sup>	--	--	400 <sup>G</sup>	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	--	--	--	--	--	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroethene	1,230	35,000	2,000	34,000	4.1	107,000 <sup>A,B,C,D,E</sup>	469 <sup>E</sup>	976 <sup>E</sup>	91.6 <sup>E</sup>	<25.0	92.8 <sup>E</sup>	141 <sup>E</sup>	<25.0	<25.0	<25.0	<25.0
Trichloroethene	160	7,150	14	230	3.7	831J <sup>A,C,D,E</sup>	34.5J <sup>C,E</sup>	46.0J <sup>C,E</sup>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	156,000	10,200,000	1,300,000	1,300,000	55	502J <sup>E</sup>	34.2J	72.0 <sup>E</sup>	83.6 <sup>E</sup>	<25.0	<25.0	59.8J <sup>E</sup>	<25.0	<25.0	<25.0	<25.0
Vinyl chloride	43	1,910	53	890	0.13	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	--	--	--	--	--	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloroform	10,500	469,000	54	960	2	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>F</sup>	110,000 <sup>F</sup>	65,000	440,000	400 <sup>F</sup>	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	1,250,000	81,800,000	670,000	670,000	1,500	<312	<25.0	<25.0	<25.0	33.5J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	782,000	51,100,000	47,000	330,000	3,000 <sup>H</sup>	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	782,000	51,100,000	27,000	190,000	2,100 <sup>H</sup>	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylenes (total)	3,130,000	204,000,000	270,000	1,900,000	4,100 <sup>F</sup>	<937	<75.0	<75.0	<75.0	<67.5	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0

Parameters	Generic RCLs					B-35	B-36	B-37
	Direct Contact Pathway		Volatile Inhalation		Groundwater	4-5	3-4	4-5
	Non-Industrial <sup>A</sup>	Industrial <sup>B</sup>	Non-Industrial <sup>C</sup>	Industrial <sup>D</sup>	Pathway <sup>E</sup>	05/03/13	05/03/13	05/03/13
PID →						Clay	Clay	Clay
Soil Type →						Clay	Clay	Clay
VOCs (µg/kg)								
n-Butylbenzene	--	--	--	--	--	<25.0	<25.0	<25.0
sec-Butylbenzene	--	--	--	--	--	<25.0	<25.0	<25.0
tert-Butylbenzene	--	--	--	--	--	<25.0	<25.0	<25.0
Chloromethane	4,910	220,000	410	6,900	14	<25.0	<25.0	<25.0
Ethylbenzene	1,560,000	102,000,000	400,000	400,000	2,900 <sup>F</sup>	<25.0	<25.0	<25.0
Naphthalene	20,000 <sup>G</sup>	110,000 <sup>G</sup>	--	--	400 <sup>G</sup>	<25.0	<25.0	<25.0
Isopropylbenzene	--	--	--	--	--	<25.0	<25.0	<25.0
Tetrachloroethene	1,230	35,000	2,000	34,000	4.1	<25.0	<25.0	<25.0
Trichloroethene	160	7,150	14	230	3.7	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	156,000	10,200,000	1,300,000	1,300,000	55	<25.0	<25.0	<25.0
Vinyl chloride	43	1,910	53	890	0.13	<25.0	<25.0	<25.0
Bromodichloromethane	--	--	--	--	--	<25.0	<25.0	251
Chloroform	10,500	469,000	54	960	2	55.7J <sup>C,E</sup>	<25.0	160 <sup>C,E</sup>
Naphthalene	20,000 <sup>F</sup>	110,000 <sup>F</sup>	65,000	440,000	400 <sup>F</sup>	<25.0	<25.0	<25.0
Toluene	1,250,000	81,800,000	670,000	670,000	1,500	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	782,000	51,100,000	47,000	330,000	3,000 <sup>H</sup>	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	782,000	51,100,000	27,000	190,000	2,100 <sup>H</sup>	<25.0	<25.0	<25.0
Xylenes (total)	3,130,000	204,000,000	270,000	1,900,000	4,100 <sup>F</sup>	<75.0	<75.0	<75.0

**TABLE 1**  
**Summary of Soil Analytical Data**  
Former Garry's Cleaners  
912 South Central Avenue  
Marshfield, Wisconsin  
AECOM Project 60220723

**Notes:**

All concentrations in micrograms per kilogram.

Only detected VOCs listed in table.

VOCs = Volatile Organic Compounds

A Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.

B Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.

C Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact Volatile Inhalation Pathway.

D Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact Volatile Inhalation Pathway.

E Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.

F Generic RCL is established under NR 720 or NR 746

G Generic RCLs provided in Soil Cleanup Levels for PAHs Interim Guidance, WDNR RR-5 1997

H Calculated soil to groundwater migration Wisconsin Department of Natural Resources Residual Contaminant Level based on 20 times Preventative Action Limit for 1,2,4- and 1,3,5-trimethylbenzene (TMB; used ratio of 60% 1,3,5-TMB and 40% 1,2,4-TMB for calculation based on typical gasoline composition.

\*EPA Document 749-F-022a, CHEMICAL SUMMARY FOR 1,2,4-TRIMETHYLBENZENE, OFFICE OF POLLUTION PREVENTION AND TOXICS U.S. ENVIRONMENTAL PROTECTION AGENCY, August 1994.

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the

default values contained in Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site WDNR PUB-RR-682.

RCL = Wisconsin Administrative Code Chapter NR 720 Residual Contaminant Levels.

\* = Sample collected from soil pile area (approximately 3 feet high).



**TABLE 2**  
**Summary of Groundwater Elevation Data**  
Former Garry's Cleaners  
912 South Central Avenue  
Marshfield, Wisconsin  
AECOM Project 60220723



Well ID	Date	Top of Casing Elevation	Depth of Well, TOC	Depth to Water, TOC	Groundwater Elevation
MW-1	5/7/2013	1246.58	20.40	6.04	1240.54
MW-2	5/7/2013	1246.20	18.66	5.35	1240.85
MW-3	5/7/2013	1247.29	19.13	4.78	1242.51
MW-3I	5/7/2013	1246.94	59.90	0.32	1246.62
MW-3D	5/7/2013	1246.95	35.95	8.19	1238.76
MW-3D2	5/7/2013	1246.78	73.83	5.22	1241.56
KFC-1	5/7/2013	1249.71	16.35	1.35	1248.36
KFC-2	5/7/2013	1246.83	21.60	6.71	1240.12
KFC-3	5/7/2013	1247.29	*	*	NA
KFC-4	5/7/2013	1246.87	20.30	8.41	1238.46
KFC-4I	5/7/2013	1246.49	40.40	7.25	1239.24
KFC-5	5/7/2013	1248.51	19.89	3.23	1245.28
KFC-5I	5/7/2013	1247.82	29.65	6.91	1240.91
KFC-6	5/7/2013	1247.20	23.00	7.3	1239.90
KFC-6I	5/7/2013	1247.29	**	**	NA

**Notes:**

All measurements in feet.

TOC = Top of Casing

NA = Not Applicable

NM = Not Measured

Top of casing elevations were surveyed on 5/7/2013 by AECOM and referenced to National Geodetic Vertical Datum of 1929 (mean sea level).

\* Not Measured, Well not found (newer asphalt area)

\*\* Not Measured - Well Obstructed at 2 feet below TOC

**TABLE 3**  
**Summary of Groundwater Analytical Data**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin  
 AECOM Project 60220723

Parameter			VOCs Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Total Xylenes
Unit			µg/L					
Well ID	Date	ES <sup>1</sup> PAL <sup>2</sup>	5	5	70	70	0.2	2,000
			0.5	0.5	7	7	0.02	400
<b>GROUNDWATER MONITORING WELLS</b>								
MW-1	05/07/13		25.4	4.8	5.8	<0.37	<0.18	<1.32
MW-2	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
MW-3	05/08/13		157,000	1,080	2,730	<371	<185	<1,317
MW-3I	05/08/13		2.6	2.6	137	0.75 J	<0.18	<1.32
MW-3D	05/08/13		59.1	30.6	35.0	<0.37	0.55 J	<1.32
MW-3D2	05/08/13		1,660	101	92.0	<7.4	4.1 J	<26.3
KFC-1	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
KFC-2	05/08/13		64.0	35.0	51.2	0.65 J	<0.18	<1.32
KFC-3	05/07/13		Well Not Found (newer asphalt area)					
KFC-4	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
KFC-4I	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
KFC-5	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
KFC-5I	05/07/13		<0.47	<0.43	<0.42	<0.37	<0.18	<1.32
KFC-6	05/08/13		<0.47	<0.43	<0.42	<0.37	<0.18	0.57 J
KFC-6I	05/08/13		Well Not Sampled (well obstructed at 2 feet below top of casing)					

Notes:

All concentrations are reported in micrograms per liter.

Only detected compounds listed.

<sup>1</sup> = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (January 2012).

<sup>2</sup> = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (January 2012).

J = Laboratory flag indicating results are between the method detection limit and the quantitation limit (a less certain value).

Bold values indicate an exceedance of the Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.

Italicized values indicate an exceedance of the Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.

VOCs = Volatile Organic Compounds.

µg/L = Micrograms per liter.

**TABLE 4**  
**Summary of Groundwater Bioattenuation Data**  
 Former Garry's Cleaners  
 912 South Central Avenue  
 Marshfield, Wisconsin  
 AECOM Project 60220723

Parameter	Units	Ethane	Ethene	Methane	Iron (Dissolved)	Nitrogen (NO <sub>2</sub> +NO <sub>3</sub> )	Sulfate	Total Organic Carbon
		µg/L			mg/L			
<b>GROUNDWATER MONITORING WELLS</b>								
<b>MW-3</b>	05/08/13	48.6	2.1 J	318	59.7 J	0.74	21.5	16.8
<b>MW-3I</b>	05/08/13	2.0 J	<0.30	86.9	0.75 J	0.44	6.6	3.6
<b>MW-3D</b>	05/08/13	59.1	30.6	35.0	<0.37	0.10 J	8.10	7.5
<b>KFC-2</b>	05/08/13	<0.36	<0.30	192	244	0.69	24.0	1.1

**Notes:**

J = Laboratory flag indicating results are between the method detection limit and the quantitation limit (a less certain value).  
 mg/L = Milligrams per liter.  
 µg/L = Micrograms per liter.

## **Site Specific Standard Operating Procedures**

### **Soil Probe Sample Collection Methods**

Fourteen borings were advanced at the site on May 3, 2013 utilizing Geoprobe push probe drill rig. The Geoprobe unit consists of a hydraulic ram with a hydraulic hammer, macro core sampler, and sampler driving rods. The macro core sampler consists of a 2-inch diameter, 5-foot long, stainless steel sampler into which a disposable polyvinyl chloride (PVC) liner is inserted prior to each sampling interval. The sampler is then driven into the ground using the hydraulic ram or hammer, when the hydraulic ram cannot exert enough pressure to continue to push the sampler into the ground.

Prior to driving the sampler into the ground and between each sampling interval, the stainless steel tube was washed in a solution of potable water and Alconox. The sampler was rinsed in clean water. A new, clean plastic sleeve was inserted for each sampling event. The PVC plastic sleeves are disposable and not reused.

Upon advancing the sampler 5 feet, the entire sampler, with the PVC sleeve intact, was withdrawn. The PVC sleeve was then provided to the on-site geologist or scientist for soil classification and sample collection.

### **Soil Sample Logging, Collection, and Handling**

Following retrieval of the soil sample from the sampling device, a section of sample intended for laboratory analysis was contained. A portion of the sample was immediately transferred to laboratory-provided containers, field preserved (if appropriate), labeled, placed in a plastic bag, sealed and stored on ice in an insulated container pending shipment to the laboratory.

The remaining sample was classified in accordance with American Society for Testing and Materials Method D-2487, with reference to method D-2488 (as appropriate). The descriptions may include information pertaining to soil type (Unified Soil Classification System code), grain size distribution, gradation, color, odor, moisture content, consistency, grain shape, structure, mottling, layering, and other relevant content, as appropriate.

The samples analyzed in the laboratory for volatile organic compounds (VOC; United States Environmental Protection Agency [US EPA] Method 8260B) consisted of 10 grams of soil placed into laboratory-provided 40-milliliter glass vial filled with a pre-measured (laboratory-provided) trap grade methanol, which is consistent with the US EPA SW-846 Method 8260B collection protocol. An additional container (4-ounce non-preserved plastic) was collected for potential dry weight concentration reporting.

The samples were transported to a Wisconsin-certified laboratory (Pace, Green Bay, Wisconsin) by Pace courier. All sampling locations and procedures were documented on boring and field forms used to record daily activities at the site.

### **Boring Abandonment**

Upon completion of the sampling activities, the 14 borings (B-24 through B-37) were abandoned according to Wisconsin Administrative Code (WAC) Chapter (Ch.) NR 141 the same day that they were advanced. The borings were abandoned by completely filling with 3/8-inch chipped bentonite swelling clay. Borings located in the pavement were topped off

with 4 inches of quick setting concrete patch material that was finished flush with the surrounding grade.

### **Photoionization Detector Soil Sample Screening**

Soil samples were screened using a Photovac MiniRae 2000 photoionization detector (PID). The PID was equipped with a 10.6 electron volt electrodeless discharge lamp and was calibrated using a 100 parts per million (ppm) isobutylene in air gas standard. The PID was field zeroed and calibrated according to the manufacturer's specifications prior to use.

The soil samples were contained in sealed plastic bags and allowed to volatilize for several minutes at approximately 70 degrees Fahrenheit. The bag was opened enough for the probe of the PID to be inserted and the bag and resealed around the probe. The PID remained within the sample bag until the readings became steady or consistently declined. Peak PID readings were recorded for each sample. The readings were recorded in instrument units, which are equivalent to ppm, based on the lamp energy and calibration.

### **Water Level Measurements**

Measurements were made using a Heron electronic water level sensor, model ET094 (accuracy 0.01 foot). The wells were opened and allowed to equilibrate prior to taking measurements and the well casing was wiped clean and the survey measure mark on the top of the casing noted. The probe was lowered carefully into the well and the depth to water measured from the survey mark at the top of the well casing. The depths were recorded in a bound field notebook.

### **Low-Flow Groundwater Sample Collection Methods**

The following low-flow methods will be used to purge the wells prior to sampling: The pump is decontaminated between wells by placing it in a 5-gallon bucket containing a solution of potable water and a low-alkaline, low-phosphate detergent (e.g., Alconox). The pump and electrical cord is scrubbed with a brush and the detergent solution is run through the pump for at least one minute.

After the pump and electrical cord is removed from the detergent solution, the pump is rinsed with potable water and potable water is run through the pump for at least one minute, followed by a triple rinse of potable water. Discharge tubing is constructed of polyvinyl chloride and a new length of tubing is used at each well. The following procedures are used for well purging and sampling:

1. Set pumping rate to zero and initiate power. Mark the start time in the field notebook. Slowly increase the rate and stop at the lowest rate that yields water.
2. The flow rate may alter as purging progresses. Monitor for draw down every 5 minutes. If significant draw down is noted, reduce the pump flow rate, if possible while still maintaining flow.
3. Upon filling the flow cell, begin collecting water quality parameter measurements. Measurements collected include pH, specific conductance, temperature, turbidity, dissolved oxygen, and redox potential.
4. Measure the purge rate by recording the amount of water recovered in the graduated cylinder over a 1-minute period. Record purge rates (in milliliters per minute) in the field book every five minutes.
5. Measure water quality parameters and verify that all parameters are stabilized to within  $\pm 10\%$  for three consecutive readings. If stability of all parameters is maintained for at least 3 consecutive

readings, sampling may commence. If stabilization does not occur due to water degassing or some other natural condition beyond the control of the field sampling technician, sampling may occur after four casing volumes are purged. Appropriate notation is made in the field notebook in support of sampling the well when water quality parameter measurements are greater than plus or minus 10 percent during the last three consecutive measurements.

The groundwater monitoring wells were sampled using standard field procedures and as required in Wisconsin Administrative Code NR 141. Groundwater samples were collected from bailers fitted with bottom-emptying devices.

Samples to be analyzed in the laboratory for volatile organic compounds (VOCs; SW-846 Method 8260B) were collected in laboratory-provided 40-milliliter glass vials with Teflon septa. The samples were filled until a positive meniscus was formed, preserved in the field with laboratory-provided hydrochloric acid in pre-measured ampules and securely capped. The vials were then inverted, firmly tapped and examined for air bubbles. If bubbles were found, the sample was discarded and a new sample was collected.

### **Sample Custody Procedures**

Sample custody procedures are designed to comply with US EPA and National Enforcement Investigation Council requirements for sample control. Samples collected during the corrective action implementation were the responsibility of identified persons from the time they are collected until they or their derived data are incorporated into the final report. Stringent chain-of-custody procedures were followed to maintain and document sample possession.

Chain-of-custody forms were competed to the fullest extent possible prior to sample shipment. Chain-of-custody forms included the following information:

- Sample identification;
- Date collected;
- Source of sample (including type of sample and site identification);
- Requested analyses and preservatives; and
- Sampler name.

The forms were filled out in a legible manner using waterproof ink and were signed by the sampler. Similar information was provided on the sample label, which was securely attached to the sample bottle. A chain-of-custody record always accompanied the samples. When transferring samples, the individuals relinquishing and receiving them signed, dated, and noted the time on the record. A separate custody record accompanied each sample container. A copy of the custody record was retained by the field sampler and was filed upon return to the office.

### **Elevation Surveying**

Site feature locations and ground and well-casing elevations for monitoring wells were surveyed by AECOM personnel using a Fuji KOH survey transit. The survey transit was mounted on the tripod and bulls-eye leveled. The newly installed monitoring wells were surveyed on May 7, 2013. The elevation data of the newly installed monitoring wells were referenced to elevations obtained from a nearby United States Geological Survey benchmark of 1253.05 feet mean sea level (chiseled square on light pole—near south east corner of former Garry's Cleaners property).

The survey rod was placed on the ground near the monitoring wells and on the well casings on a survey measure mark. Measurements of the rod height were made to the nearest 0.01-foot. The raw survey data was recorded in a bound field notebook.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Former Gary's Cleaners (912 S Central Ave)			License/Permit/Monitoring Number		Boring Number B-24
Boring Drilled By: Name of crew chief (first, last) and Firm Dusty Harvey On-Site Environmental			Date Drilling Started 5/3/2013	Date Drilling Completed 5/3/2013	Drilling Method geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name B-24	Final Static Water Level Feet MSL		Surface Elevation Feet MSL
					Borehole Diameter 2.00 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Lat _____ ° _____ ' _____ "		Local Grid Location
State Plane SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			N, E S/C/N		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County Wood	County Code 72	Civil Town/City/ or Village Marshfield	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	60 40			Grass with Topsoil fill to 1.5 ft. bgs												
			1													
			232	Reddish brown silty clay, trace fine to medium sand, moist	ML											
			3													
			357	Grayish brown silty clay, trace fine to medium sand, moist	CL											
			4													
			50.7	7" Reddish brown silty sand, moist	SM											
			5													
			21.3	End of boring at 5.0 ft. bgs												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm AECOM	414.944.6080 Tel: 414.944.6081 Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-25</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-25</b>	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Long _____ ° _____ ' _____ "			
Facility ID		County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 33		1	Grass with Topsoil fill to 2.2 ft. bgs											
			2												
			3	Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.6							
			4					10.9							
			5	~2" Fine to medium sand seam, moist	SW			8.1							
			5	Reddish brown silty clay, trace fine to medium sand, moist	CL										
				End of boring at 5.0 ft. bgs											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **AECOM** 414.944.6080 Tel:  
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>		License/Permit/Monitoring Number		Boring Number <b>B-26</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>		Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-26</b>	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>	State Plane <b>N, E S/C/N</b>		Lat _____ ° _____ ' _____ "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E</b>		Long _____ ° _____ ' _____ "			
Facility ID	County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	60 44		1	Grass with Topsoil fill to 1.2 ft. bgs												
			2	Grayish brown silty clay, trace fine to medium sand, moist	ML			7.7								
			3	Reddish brown silty clay, trace fine to medium sand, moist	CL			17.2								
			4					21.3								
			5	6" Reddish brown silty sand, trace fine gravel, moist	SM			20.0								
			5	End of boring at 5.0 ft. bgs												


I hereby certify that the information on this form is true and correct to the best of my knowledge.

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Former Gary's Cleaners (912 S Central Ave)			License/Permit/Monitoring Number		Boring Number B-27	
Boring Drilled By: Name of crew chief (first, last) and Firm Dusty Harvey On-Site Environmental			Date Drilling Started 5/3/2013	Date Drilling Completed 5/3/2013	Drilling Method geoprobe	
WI Unique Well No.	DNR Well ID No.	Common Well Name B-27	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	Borehole Diameter 2.00 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Lat _____ ° _____ ' _____ " Long _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Wood	County Code 72	Civil Town/City/ or Village Marshfield		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 32		1 2 3 4 5	Grass with Topsoil fill to 2.4 ft. bgs											
				Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.1							
				End of boring at 5.0 ft. bgs				0.5							
								0.1							Sample (3-4) at 12.25 pm



I hereby certify that the information on this form is true and correct to the best of my knowledge.

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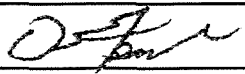
Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-28</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-28</b>	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ " _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Long _____ " _____ "			
Facility ID		County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	96 24		1	Grass with Topsoil fill to 2.0 ft. bgs											
			2	Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL										
			3												
			4												
5															
6															
7				Grayish brown silty clay, trace fine to medium sand, moist	CL			0.8							
8				End of boring at 8.0 ft. bgs				36							

Sample (7-8) at 10:40 am



I hereby certify that the information on this form is true and correct to the best of my knowledge.

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>		License/Permit/Monitoring Number		Boring Number <b>B-29</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>		Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-29</b>	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E		Lat _____ ° _____ ' _____ "		Long _____ ° _____ ' _____ "	
Facility ID	County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 60			Asphalt (3 inches) base course fill (sand and fine gravel)											
			1	~24" Grayish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.0							
			2					0.5							
			3	~26" Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.7							
			4					0.8							
			5	End of boring at 5.0 ft. bgs				2.7							Sample (4-5) at 10:30 am

I hereby certify that the information on this form is true and correct to the best of my knowledge.

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>		License/Permit/Monitoring Number		Boring Number <b>B-30</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>		Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-30</b>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E</b>		Lat _____ ° _____ ' _____ "	Long _____ ° _____ ' _____ "		
Facility ID	County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 43		1	Grass with Topsoil fill to 1.4 ft. bgs											
			2	Reddish brown silty fine to medium sand, trace fine gravel, moist	SM			0.0							
			3	33" Grayish brown silty clay, trace fine to medium sand, moist	CL			1.5							
			4					2.4							
			5	End of boring at 5.0 ft. bgs				3.8							
															Sample (4-5) at 10:20 am

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **AECOM** 414.944.6080 Tel:  
414.944.6081 Fax:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-31</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-31</b>	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Long _____ ° _____ ' _____ "			
Facility ID		County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 40		1	No recovery											
			2	Reddish brown silty sand, trace fine to medium sand, trace fine gravel, moist	SM			0.0							
			3	16" Reddish brown silty clay, trace fine to medium sand, moist	CL			0.0							
			4	6" Reddish brown silty sand, trace fine to medium sand, moist	SM			0.3							
			5	End of boring at 5.0 ft. bgs				0.5							

Sample (4-5) at 10:10 am

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>AECOM</b>	414.944.6080 Tel: 414.944.6081 Fax:
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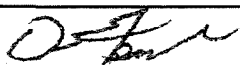
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-32</b>
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-32</b>	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>
					Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ ° _____ ' _____ "		Local Grid Location
<b>SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E</b>			Long _____ ° _____ ' _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 32		0-1	Asphalt (3 inches) with Base course gravel fill to 2.1 ft. bgs											
			2-3	Reddish brown silty sand, trace fine to medium sand, trace fine gravel, moist	SM			0.1							
			4-5	12" Reddish brown silty clay, trace fine to medium sand, moist	CL			0.1							
			5	4" Reddish brown silty sand, trace fine to medium sand, moist End of boring at 5.0 ft. bgs	SM			0.4							Sample (4-5) at 10:00 am

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-33</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-33</b>	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane <b>SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E</b>			Lat _____ ° _____ ' _____ "			<input type="checkbox"/> N <input type="checkbox"/> E
			Long _____ ° _____ ' _____ "			Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1		60 60		1	Asphalt (3 inches) with Base course											
				1	Brown silty sand, trace fine gravel, dry	SM			0.1							
				2	Reddish brown silty clay, trace fine to medium sand to fine gravel, moist	CL			0.1							
				3					0.7							Sample (2-3) at 12:30 pm
				4	Reddish brown silty sand, trace fine to medium sand, trace fine gravel, moist	CL			0.1							
				5	End of boring at 5.0 ft. bgs				0.2							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>AECOM</b>	414.944.6080 Tel: 414.944.6081 Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>			License/Permit/Monitoring Number		Boring Number <b>B-34</b>
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>			Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-34</b>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location
<b>SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E</b>			Long _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	60 60			Asphalt (3 inches) with Base course												
				Reddish brown silty fine to medium sand	SM			1.8								
				Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			3.2								
								0.4								
								0.2								
			5	End of boring at 5.0 ft. bgs				1.2								



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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Former Gary's Cleaners (912 S Central Ave)			License/Permit/Monitoring Number		Boring Number B-35
Boring Drilled By: Name of crew chief (first, last) and Firm Dusty Harvey On-Site Environmental			Date Drilling Started 5/3/2013	Date Drilling Completed 5/3/2013	Drilling Method geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name B-35	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.00 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Lat _____ ° _____ ' _____ " Long _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County Wood	County Code 72	Civil Town/City/ or Village Marshfield	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 32		1 2 3 4 5	Asphalt (3 inches) with Base course gravel fill to 2.2 ft. bgs											
				Reddish brown silty clay, trace fine to medium sand, trace fine gravel	CL			0.0							
				8" Reddish brown silty sand, trace fine gravel, moist	SM			0.3							
				End of boring at 5.0 ft. bgs											

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Former Gary's Cleaners (912 S Central Ave)			License/Permit/Monitoring Number		Boring Number B-36
Boring Drilled By: Name of crew chief (first, last) and Firm Dusty Harvey On-Site Environmental			Date Drilling Started 5/3/2013	Date Drilling Completed 5/3/2013	Drilling Method geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name B-36	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.00 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E			Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County Wood	County Code 72	Civil Town/City/ or Village Marshfield		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 48			Grass with Topsoil fill to 1.0 ft. bgs											
			1	Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.0							
			2	Reddish brown silt, trace fine to medium sand, moist	ML			0.0							
			3					0.1							
			4	Reddish brown silty clay, trace fine to medium sand	CL			0.0							Sample (3-4) at 13:20 pm
			5	End of boring at 5.0 ft. bgs											


I hereby certify that the information on this form is true and correct to the best of my knowledge.

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Former Gary's Cleaners (912 S Central Ave)</b>		License/Permit/Monitoring Number		Boring Number <b>B-37</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dusty Harvey On-Site Environmental</b>		Date Drilling Started <b>5/3/2013</b>	Date Drilling Completed <b>5/3/2013</b>	Drilling Method <b>geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name <b>B-37</b>	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.00 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>		Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 7, T 25 N, R 3 E		Long _____ ° _____ ' _____ "			
Facility ID	County <b>Wood</b>	County Code <b>72</b>	Civil Town/City/ or Village <b>Marshfield</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 32		1 2 3 4 5	Grass with Topsoil fill to 2.2 ft. bgs											
				Reddish brown silty clay, trace fine to medium sand, trace fine gravel, moist	CL			0.0 0.5 2.6							
				End of boring at 5.0 ft. bgs											Sample (4-5) a 13:25 pm

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>AECOM</b>	414.944.6080 Tel: 414.944.6081 Fax:
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**Well / Drillhole / Borehole Filling & Sealing**

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

<b>1. Well Location Information</b>			<b>2. Facility / Owner Information</b>		
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>BARTS 02-72-600296</i>		
_____ 'N			License/Permit/Monitoring # <i>B-24</i>		
_____ 'W			Original Well Owner		
1/4 1/4 SW 1/4 SW	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
or Gov't Lot #		Present Well Owner <i>Mr. Garry Ecker</i>			
Well Street Address <i>912 South Central Ave</i>		Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Well City, Village or Town <i>Marshfield</i>		Well ZIP Code <i>54449</i>		City of Present Owner <i>Marshfield</i>	
Subdivision Name		Lot #		State <i>WI</i>	ZIP Code <i>54449</i>

Reason For Removal From Service <i>Soil Sampling Complete</i>	WI Unique Well # of Replacement Well	<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<b>3. Well / Drillhole / Borehole Information</b>		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type:		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>		Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Formation Type:		If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) <i>5</i>	Casing Diameter (in.) <i>NA</i>	Required Method of Placing Sealing Material	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Depth (ft.) <i>NA</i>	<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): <i>Round Gravity</i>		
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Sealing Materials	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
If yes, to what depth (feet)?	Depth to Water (feet)	<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "		
		<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Bentonite Chips		
		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
		<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used To Fill Well (Drillhole)		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Bentonite Chip</i>		Surface	<i>5</i>		

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By	
Street or Route <i>PO Box 280</i>	Telephone Number <i>(608) 837-9992</i>	Comments			
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000., or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>			
County <i>Wood</i>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <i>Former Garry Cleaners</i>	
Latitude / Longitude (Degrees and Minutes) ____ ° ____ ' N ____ ° ____ ' W		Method Code (see instructions) _____		Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>		License/Permit/Monitoring # <i>B-25</i>	
1/4 SW 1/4 SW or Gov't Lot #		Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner _____	
Well Street Address <i>912 South Central Ave</i>				Present Well Owner <i>Mr. Garry Eekes</i>			
Well City, Village or Town <i>Marshfield</i>				Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Subdivision Name _____				Well ZIP Code <i>54449</i>		City of Present Owner <i>Marshfield</i>	
Lot # _____				State <i>WI</i>		ZIP Code <i>54449</i>	

Reason For Removal From Service <i>Soil Sampling Complete</i>		WI Unique Well # of Replacement Well _____		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>		<input type="checkbox"/> Dug		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <i>5</i>		Casing Diameter (in.) <i>NA</i>		If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <i>2.5"</i>		Casing Depth (ft.) <i>NA</i>		Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?		Depth to Water (feet)		Screened & Poured (Bentonite Chips)		<input checked="" type="checkbox"/> Other (Explain): <i>Poured Gravity</i>	
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry " "	
				<input type="checkbox"/> Concrete		<input checked="" type="checkbox"/> Bentonite Chips	

<b>5. Material Used To Fill Well / <u>Drillhole</u></b>				From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
<i>Bentonite Chips</i>				Surface		<i>5</i>					

<b>6. Comments</b>			

<b>7. Supervision of Work</b>						<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>			License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>		Date Received	Noted By
Street or Route <i>P.O. Box 280</i>			Telephone Number <i>(608) 837-0992</i>		Comments		
City <i>Sun Prairie</i>		State <i>WI</i>	ZIP Code <i>53590</i>		Signature of Person Doing Work <i>[Signature]</i>		Date Signed <i>5-3-13</i>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000., or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information				2. Facility / Owner Information			
County <u>Wood</u>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <u>Former Garry Cleaners</u>	
Latitude / Longitude (Degrees and Minutes) _____' N _____' W		Method Code (see instructions) _____		Facility ID (FID or PWS) <u>BARTS 02-72-000296</u>		License/Permit/Monitoring # <u>B-26</u>	
1/4 SW 1/4 SW or Gov't Lot #		Section <u>8</u>	Township <u>25 N</u>	Range <u>3</u>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner _____	
Well Street Address <u>912 South Central Ave</u>				Present Well Owner <u>Mr. Garry Eakes</u>			
Well City, Village, or Town <u>Marshfield</u>				Mailing Address of Present Owner <u>400 North Apple Avenue</u>			
Subdivision Name _____				Lot # _____		City of Present Owner <u>Marshfield</u>	State <u>WI</u>
				ZIP Code <u>54449</u>			

Reason For Removal From Service <u>Soil Sampling Complete</u>		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) <u>5-3-13</u>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach. _____		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): <u>Geoprobe</u>				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <u>5</u>		Casing Diameter (in.) <u>NA</u>		Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <u>2.5"</u>		Casing Depth (ft.) <u>NA</u>		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) _____		Did material settle after 24 hours? If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)? _____				If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Required Method of Placing Sealing Material		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input type="checkbox"/> Screened & Poured (Bentonite Chips)		<input checked="" type="checkbox"/> Other (Explain): <u>Board Gravity</u>	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry "	
<input type="checkbox"/> Concrete		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well (Drillhole)	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Bentonite Chips</u>	Surface	<u>5</u>		

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <u>On-site Environmental</u>		License # _____	Date of Filling & Sealing (mm/dd/yyyy) <u>5-3-13</u>	Date Received _____	Noted By _____
Street or Route <u>P.O. Box 280</u>			Telephone Number <u>(608) 837-0992</u>	Comments _____	
City <u>Sun Prairie</u>	State <u>WI</u>	ZIP Code <u>53592</u>	Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>5-3-13</u>	



Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information			2. Facility / Owner Information		
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>		
_____ 'N			License/Permit/Monitoring # <i>B-27</i>		
_____ 'W			Original Well Owner		
1/4 SW 1/4 SW	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <i>912 South Central Ave</i>			Present Well Owner <i>Mr. Garry Eckes</i>		
Well City, Village, or Town <i>Marshfield</i>		Well ZIP Code <i>54449</i>			
Subdivision Name		Lot #		Mailing Address of Present Owner <i>400 North Apple Avenue</i>	
				City of Present Owner <i>Marshfield</i>	
				State <i>WI</i>	
				ZIP Code <i>54449</i>	

Reason For Removal From Service <i>Soil Sampling Complete</i>	WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		<input type="checkbox"/> Pump and piping removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Required Method of Placing Sealing Material			
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Round Gravity</i>			
<input checked="" type="checkbox"/> Borehole / Drillhole		Sealing Materials			
Construction Type:		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Other (specify): <i>Geoprobe</i> <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type:		For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Total Well Depth From Ground Surface (ft.) <i>5</i>	Casing Diameter (in.) <i>NA</i>				
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Depth (ft.) <i>NA</i>				
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					
If yes, to what depth (feet)?	Depth to Water (feet)				

5. Material Used To Fill Well (Drillhole)	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Bentonite Chips</i>	Surface	<i>5</i>		

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>P.O. Box 280</i>		Telephone Number <i>(608) 837-9992</i>	Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work	Date Signed <i>5-3-13</i>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____		

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>																			
County <i>Wood</i>		WI Unique Well # of Removed Well		Hicap #		Facility Name <i>Former Garry Cleaners</i>																	
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS) <i>BARTS 02-72-600296</i>		License/Permit/Monitoring # <i>B-28</i>																	
<table border="1"> <tr> <td>1/4 1/4 SW</td> <td>1/4 SW</td> <td>Section</td> <td>Township</td> <td>Range</td> <td><input checked="" type="checkbox"/> E</td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td><i>8</i></td> <td><i>25 N</i></td> <td><i>3</i></td> <td><input type="checkbox"/> W</td> <td colspan="2"></td> </tr> </table>		1/4 1/4 SW	1/4 SW	Section	Township	Range	<input checked="" type="checkbox"/> E					<i>8</i>	<i>25 N</i>	<i>3</i>	<input type="checkbox"/> W			Original Well Owner		Present Well Owner <i>Mr. Garry Eckes</i>		Mailing Address of Present Owner <i>400 North Apple Avenue</i>	
1/4 1/4 SW	1/4 SW	Section	Township	Range	<input checked="" type="checkbox"/> E																		
		<i>8</i>	<i>25 N</i>	<i>3</i>	<input type="checkbox"/> W																		
Well Street Address <i>912 South Central Ave</i>				City of Present Owner <i>Marshfield</i>		State ZIP Code <i>WI 54449</i>																	
Well City, Village or Town <i>Marshfield</i>		Well ZIP Code <i>54449</i>		Subdivision Name		Lot #																	

Reason For Removal From Service <i>Soil Sampling Complete</i>		WI Unique Well # of Replacement Well		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<b>3. Well / Drillhole / Borehole Information</b>		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>		<input type="checkbox"/> Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Round Gravity</i>			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): <i>Geoprobe</i>		Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips			
Total Well Depth From Ground Surface (ft.) <i>8</i>		Casing Diameter (in.) <i>NA</i>		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Lower Drillhole Diameter (in.) <i>2.5"</i>		Casing Depth (ft.) <i>NA</i>					
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If yes, to what depth (feet)?		Depth to Water (feet)			

5. Material Used To Fill Well <b>Drillhole</b>			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
	<i>Surface</i>	<i>8</i>	
<i>Bentonite Chips</i>			

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>		License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>P.O. Box 280</i>		Telephone Number <i>(608) 837-9992</i>		Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information			2. Facility / Owner Information		
County <i>Wood</i>	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes) _____' N _____' W		Method Code (see instructions) _____	Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>		
License/Permit/Monitoring # <i>B-29</i>		Original Well Owner _____			
1/4 SW 1/4 SW or Gov't Lot #	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <i>912 South Central Ave</i>			Present Well Owner <i>Mr. Garry Eckes</i>		
Well City, Village or Town <i>Marshfield</i>		Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Subdivision Name _____		Lot # _____		City of Present Owner <i>Marshfield</i>	State <i>WI</i>
				ZIP Code <i>54449</i>	

Reason For Removal From Service <i>Soil Sampling Complete</i>	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		<input type="checkbox"/> Pump and piping removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Poured Gravity</i>			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): <i>Geoprobe</i>	If a Well Construction Report is available, please attach. _____	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth From Ground Surface (ft.) <i>5</i>	For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Diameter (in.) <i>NA</i>	Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
Depth to Water (feet) _____	Depth to Water (feet) _____				

5. Material Used To Fill Well (Drillhole)		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Quickrete</i>		Surface	<i>0.5</i>		
<i>Bentonite Chips</i>		<i>0.5</i>	<i>5</i>		

6. Comments

\_\_\_\_\_

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License # _____	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received _____	Noted By _____
Street or Route <i>P.O. Box 280</i>		Telephone Number <i>(608) 837-9992</i>	Comments _____	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____		

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>			
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #		Facility Name <i>Former Garry Cleaners</i>			
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>			
_____ 'N		_____		License/Permit/Monitoring # <i>B-30</i>			
_____ 'W		_____		Original Well Owner			
1/4 1/4 SW 1/4 SW	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E	Present Well Owner <i>Mr. Garry Eekes</i>		
or Gov't Lot #				<input type="checkbox"/> W	Mailing Address of Present Owner <i>400 North Apple Avenue</i>		
Well Street Address <i>912 South Central Ave</i>				City of Present Owner <i>Marshfield</i>			
Well City, Village or Town <i>Marshfield</i>		Well ZIP Code <i>54449</i>		State <i>WI</i>	ZIP Code <i>54449</i>		
Subdivision Name		Lot #					

Reason For Removal From Service <i>Soil Sampling Complete</i>	WI Unique Well # of Replacement Well	<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>					
<b>3. Well / Drillhole / Borehole Information</b>		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
Construction Type:		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A		
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>		Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A		
Formation Type:		If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A		
Total Well Depth From Ground Surface (ft.) <i>5</i>	Casing Diameter (in.) <i>NA</i>	Required Method of Placing Sealing Material					
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Depth (ft.) <i>NA</i>	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped				
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet)	<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): <i>Bored Gravity</i>				
If yes, to what depth (feet)?		Sealing Materials					
		<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)				
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry "				
		<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Bentonite Chips				
		For Monitoring Wells and Monitoring Well Boreholes Only:					
		<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout				
		<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry				

5. Material Used To Fill Well / <b>Drillhole</b>		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Quickrete</i>		Surface	<i>0.5</i>		
<i>Bentonite Chips</i>		<i>0.5</i>	<i>5</i>		

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By	
Street or Route <i>P.O. Box 280</i>	Telephone Number <i>(608) 837-9992</i>	Comments			
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

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Verification Only of Fill and Seal

Route to:  
 Drinking Water     Watershed/Wastewater     Remediation/Redevelopment  
 Waste Management     Other: \_\_\_\_\_

**1. Well Location Information**

County: Wood WI Unique Well # of Removed Well: \_\_\_\_\_ Hicap #: \_\_\_\_\_

Latitude / Longitude (Degrees and Minutes): \_\_\_\_\_ 'N  
 \_\_\_\_\_ 'W

Method Code (see instructions): \_\_\_\_\_

1/4 SW 1/4 SW Section: 8 Township: 25 N Range: 3  E  W

or Gov't Lot # \_\_\_\_\_

Well Street Address: 912 South Central Ave

Well City, Village or Town: Marshfield Well ZIP Code: 54449

Subdivision Name: \_\_\_\_\_ Lot #: \_\_\_\_\_

**2. Facility / Owner Information**

Facility Name: Former Garry Cleaners

Facility ID (FID or PWS): BARTS 02-72-000296

License/Permit/Monitoring #: B-31

Original Well Owner: \_\_\_\_\_

Present Well Owner: Mr. Garry Eckes

Mailing Address of Present Owner: 400 North Apple Avenue

City of Present Owner: Marshfield State: WI ZIP Code: 54449

Reason For Removal From Service: Soil Sampling Complete WI Unique Well # of Replacement Well: \_\_\_\_\_

**3. Well / Drillhole / Borehole Information**

Monitoring Well  
 Water Well  
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5-3-13

If a Well Construction Report is available, please attach. \_\_\_\_\_

Construction Type:  
 Drilled     Driven (Sandpoint)     Dug  
 Other (specify): Geoprobe

Formation Type:  
 Unconsolidated Formation     Bedrock

Total Well Depth From Ground Surface (ft.): 5 Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2.5" Casing Depth (ft.): NA

Was well annular space grouted?  Yes  No  Unknown

If yes, to what depth (feet)? \_\_\_\_\_ Depth to Water (feet): \_\_\_\_\_

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?  Yes  No  N/A

Liner(s) removed?  Yes  No  N/A

Screen removed?  Yes  No  N/A

Casing left in place?  Yes  No  N/A

Was casing cut off below surface?  Yes  No  N/A

Did sealing material rise to surface?  Yes  No  N/A

Did material settle after 24 hours?  Yes  No  N/A

If yes, was hole retopped?  Yes  No  N/A

If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A

Required Method of Placing Sealing Material:  
 Conductor Pipe-Gravity     Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)     Other (Explain): Bored Gravity

Sealing Materials:  
 Neat Cement Grout     Clay-Sand Slurry (11 lb./gal. wt.)  
 Sand-Cement (Concrete) Grout     Bentonite-Sand Slurry " "  
 Concrete     Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips     Bentonite - Cement Grout  
 Granular Bentonite     Bentonite - Sand Slurry

**5. Material Used To Fill Well (Drillhole)**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Quickrete</u>	<u>Surface</u>	<u>0.5</u>		
<u>Bentonite Chips</u>	<u>0.5</u>	<u>5</u>		

**6. Comments**

\_\_\_\_\_

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing			DNR Use Only	
<u>On-site Environmental</u>	License # _____	Date of Filling & Sealing (mm/dd/yyyy): <u>5-3-13</u>	Date Received _____	Noted By _____
Street or Route: <u>PO Box 280</u>		Telephone Number: <u>(608) 837-0992</u>	Comments _____	
City: <u>Sun Prairie</u>	State: <u>WI</u>	ZIP Code: <u>53590</u>	Signature of Person Doing Work: <u>[Signature]</u>	Date Signed: <u>5-3-13</u>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>			
County <i>Wood</i>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <i>Former Garry Cleaners</i>	
Latitude / Longitude (Degrees and Minutes) _____' N _____' W		Method Code (see instructions) _____		Facility ID (FID or PWS) <i>BRTS 02-72-000296</i>		License/Permit/Monitoring # <i>B-32</i>	
1/4 1/4 SW 1/4 SW or Gov't Lot #		Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner _____	
Well Street Address <i>912 South Central Ave</i>				Present Well Owner <i>Mr. Garry Eckes</i>			
Well City, Village or Town <i>Marshfield</i>				Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Subdivision Name _____				Lot # _____		City of Present Owner <i>Marshfield</i>	State <i>WI</i>
				ZIP Code <i>54449</i>			

Reason For Removal From Service <i>Soil Sampling Complete</i>		WI Unique Well # of Replacement Well _____		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach. _____		Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type:				Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>				Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
				Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
				If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
				If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material	
Total Well Depth From Ground Surface (ft.) <i>5</i>		Casing Diameter (in.) <i>NA</i>		<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
Lower Drillhole Diameter (in.) <i>2.5"</i>		Casing Depth (ft.) <i>NA</i>		<input type="checkbox"/> Screened & Poured (Bentonite Chips)		<input checked="" type="checkbox"/> Other (Explain): <i>Poured Gravity</i>	
Was well annular space grouted?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Sealing Materials			
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry "	
				<input type="checkbox"/> Concrete		<input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well (Drillhole)			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
	<i>Surface</i>	<i>0.5</i>	
	<i>0.5</i>	<i>5</i>	

6. Comments

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>		License # _____	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>P.O. Box 280</i>		Telephone Number <i>(608) 837-9972</i>		Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53592</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

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<input type="checkbox"/> Verification Only of Fill and Seal	Route to:	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____		

<b>1. Well Location Information</b>			<b>2. Facility / Owner Information</b>		
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>BRRTS 02-72-600296</i>		
License/Permit/Monitoring # <i>B-33</i>		Original Well Owner			

1/4 SW 1/4 SW	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <i>Mr. Garry Eekes</i>
or Gov't Lot #	Well Street Address <i>912 South Central Ave</i>				Mailing Address of Present Owner <i>400 North Apple Avenue</i>
Well City, Village or Town <i>Marshfield</i>	Well ZIP Code <i>54449</i>				City of Present Owner <i>Marshfield</i>
Subdivision Name	Lot #				State <i>WI</i>
					ZIP Code <i>54449</i>

Reason For Removal From Service <i>Soil Sampling Complete</i>	WI Unique Well # of Replacement Well	<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
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<b>3. Well / Drillhole / Borehole Information</b>		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well			Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole			Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type:			Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>			Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type:			If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Total Well Depth From Ground Surface (ft.) <i>5</i>	Casing Diameter (in.) <i>NA</i>	Required Method of Placing Sealing Material	
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Depth (ft.) <i>NA</i>	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet)	<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): <i>Round Gravity</i>
If yes, to what depth (feet)?		Sealing Materials	
		<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "
		<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Bentonite Chips
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

<b>5. Material Used To Fill Well / Drillhole</b>			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Quickrete</i>	<i>Surface</i>	<i>0.5</i>	
<i>Bentonite chips</i>	<i>0.5</i>	<i>5</i>	

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By	
Street or Route <i>P.O. Box 280</i>	Telephone Number <i>(608) 837-8992</i>	Comments			
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53592</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

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Verification Only of Fill and Seal

Route to:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>			
County <i>Wood</i>		WI Unique Well # of Removed Well		Hicap #		Facility Name <i>Former Garry Cleaners</i>	
Latitude / Longitude (Degrees and Minutes)				Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>			
Method Code (see instructions)				License/Permit/Monitoring # <i>B-34</i>			
1/4 SW    1/4 SW		Section <i>8</i>		Township <i>25 N</i>		Range <i>3</i>	
or Gov't Lot #		<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner			
Well Street Address <i>912 South Central Ave</i>				Present Well Owner <i>Mr. Garry Eckes</i>			
Well City, Village or Town <i>Marshfield</i>				Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Subdivision Name				City of Present Owner <i>Marshfield</i>		State <i>WI</i>	
Well ZIP Code <i>54449</i>				ZIP Code <i>54449</i>			

Reason For Removal From Service <i>Soil Sampling Complete</i>		WI Unique Well # of Replacement Well		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<b>3. Well / Drillhole / Borehole Information</b>				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Dug		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>						Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) <i>5</i>		Casing Diameter (in.) <i>NA</i>		Required Method of Placing Sealing Material			
Lower Drillhole Diameter (in.) <i>2.5"</i>		Casing Depth (ft.) <i>NA</i>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Road Gravity</i>			
If yes, to what depth (feet)?		Depth to Water (feet)		Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
				<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips			

<b>5. Material Used To Fill Well / Drillhole</b>				For Monitoring Wells and Monitoring Well Boreholes Only:	
From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	
				Mix Ratio or Mud Weight	
<i>Quickrete</i>		<i>0.5</i>			
<i>Bentonite Chips</i>		<i>5</i>			
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>		License #		Date Received	
Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>		Noted By			
Street or Route <i>PO Box 280</i>		Telephone Number <i>(608) 837-0992</i>		Comments	
City <i>Sun Prairie</i>		State <i>WI</i>		Date Signed <i>5-3-13</i>	
ZIP Code <i>53590</i>		Signature of Person Doing Work <i>[Signature]</i>			



Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water     Watershed/Wastewater     Remediation/Redevelopment

Waste Management     Other: \_\_\_\_\_

<b>1. Well Location Information</b>				<b>2. Facility / Owner Information</b>			
County <i>Wood</i>		WI Unique Well # of Removed Well		Hicap #		Facility Name <i>Former Garry Cleaners</i>	
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>		License/Permit/Monitoring # <i>B-35</i>	
1/4 1/4 SW 1/4 SW		Section <i>8</i>		Township <i>25 N</i>		Range <i>3</i>	
or Gov't Lot #		<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner			
Well Street Address <i>912 South Central Ave</i>				Present Well Owner <i>Mr. Garry Eckes</i>			
Well City, Village or Town <i>Marshfield</i>				Mailing Address of Present Owner <i>400 North Apple Avenue</i>			
Subdivision Name				Well ZIP Code <i>54449</i>		City of Present Owner <i>Marshfield</i>	
Reason For Removal From Service <i>Soil Sampling Complete</i>				WI Unique Well # of Replacement Well		State <i>WI</i>	
Subdivision Name				Lot #		ZIP Code <i>54449</i>	

<b>3. Well / Drillhole / Borehole Information</b>				<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>					
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:				Casing left in place?					
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Was casing cut off below surface?			
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Did sealing material rise to surface?			
Formation Type:				Did material settle after 24 hours?					
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		If yes, was hole retopped?			
Total Well Depth From Ground Surface (ft.) <i>5</i>		Casing Diameter (in.) <i>NA</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		If bentonite chips were used, were they hydrated with water from a known safe source?			
Lower Drillhole Diameter (in.) <i>2.5"</i>		Casing Depth (ft.) <i>NA</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Conductor Pipe-Gravity				<input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Screened & Poured (Bentonite Chips)				<input checked="" type="checkbox"/> Other (Explain): <i>Poured Gravity</i>	
				Sealing Materials					
				<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry " "			
				<input type="checkbox"/> Concrete		<input checked="" type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:					
				<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry			

<b>5. Material Used To Fill Well (Drillhole)</b>			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
	<i>Surface</i>	<i>0.5</i>	
	<i>0.5</i>	<i>5</i>	
<i>Quickrete</i>			
<i>Bentonite Chips</i>			

**6. Comments**

<b>7. Supervision of Work</b>				<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>		License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>PO Box 280</i>		Telephone Number <i>(608) 837-0992</i>		Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:  
 Drinking Water     Watershed/Wastewater     Remediation/Redevelopment  
 Waste Management     Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>BARTS 02-72-600296</i>		
_____ 'N			License/Permit/Monitoring # <i>B-36</i>		
_____ 'W			Original Well Owner		
1/4 SW or Gov't Lot #	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <i>912 South Central Ave</i>			Present Well Owner <i>Mr. Garry Eckes</i>		
Well City, Village or Town <i>Marshfield</i>		Well ZIP Code <i>54449</i>	Mailing Address of Present Owner <i>400 North Apple Avenue</i>		
Subdivision Name		Lot #	City of Present Owner <i>Marshfield</i>	State <i>WI</i>	ZIP Code <i>54449</i>

Reason For Removal From Service: *Soil Sampling Completed*    WI Unique Well # of Replacement Well: \_\_\_\_\_

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>5-3-13</i>	Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type:		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): <i>Geoprobe</i>	<input type="checkbox"/> Dug	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Formation Type:		Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) <i>5</i>	Casing Diameter (in.) <i>NA</i>	If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) <i>2.5"</i>	Casing Depth (ft.) <i>NA</i>	Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet)	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
5. Material Used To Fill Well / Drillhole		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Round Gravity</i>			
From (ft.)		To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight	
<i>Bentonite Chips</i>		<i>Surface</i>	<i>5</i>		

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>P.O. Box 280</i>		Telephone Number <i>(608) 837-9972</i>	Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53592</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:  
 Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County <i>Wood</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Garry Cleaners</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>BARTS 02-72-000296</i>		
_____ 'N			License/Permit/Monitoring # <i>B-37</i>		
_____ 'W			Original Well Owner		
1/4 SW 1/4 SW	Section <i>8</i>	Township <i>25 N</i>	Range <i>3</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <i>912 South Central Ave</i>					
Well City, Village or Town <i>Marshfield</i>			Well ZIP Code <i>54449</i>		
Subdivision Name			City of Present Owner <i>Marshfield</i>		State <i>WI</i>
			Lot #		ZIP Code <i>54449</i>

Reason For Removal From Service  
*Soil Sampling Complete*

WI Unique Well # of Replacement Well

3. Well / Drillhole / Borehole Information

Monitoring Well  
 Water Well  
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)  
*5-3-13*

If a Well Construction Report is available, please attach.

Construction Type:  
 Drilled       Driven (Sandpoint)       Dug  
 Other (specify): *Geoprobe*

Formation Type:  
 Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.)  
*5*

Casing Diameter (in.)  
*NA*

Lower Drillhole Diameter (in.)  
*2.5"*

Casing Depth (ft.)  
*NA*

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?      Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?       Yes       No       N/A

Liner(s) removed?       Yes       No       N/A

Screen removed?       Yes       No       N/A

Casing left in place?       Yes       No       N/A

Was casing cut off below surface?       Yes       No       N/A

Did sealing material rise to surface?       Yes       No       N/A

Did material settle after 24 hours?       Yes       No       N/A

If yes, was hole retopped?       Yes       No       N/A

If bentonite chips were used, were they hydrated with water from a known safe source?       Yes       No       N/A

Required Method of Placing Sealing Material  
 Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): *Round Gravity*

Sealing Materials  
 Neat Cement Grout       Clay-Sand Slurry (11 lb./gal. wt.)  
 Sand-Cement (Concrete) Grout       Bentonite-Sand Slurry " "  
 Concrete       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

5. Material Used To Fill Well (Drillhole)	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
	<i>BENTONITE CHIPS</i>	<i>Surface</i>	<i>5</i>	

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>On-site Environmental</i>	License #	Date of Filling & Sealing (mm/dd/yyyy) <i>5-3-13</i>	Date Received	Noted By
Street or Route <i>PO Box 280</i>		Telephone Number <i>(628) 837-9992</i>	Comments	
City <i>Sun Prairie</i>	State <i>WI</i>	ZIP Code <i>53590</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>5-3-13</i>

May 15, 2013

Ric Maz  
AECOM, Inc. - MILWAUKEE  
1555 N River Center Drive  
Suite 214  
Milwaukee, WI 53212

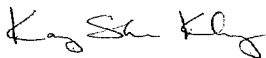
RE: Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Dear Ric Maz:

Enclosed are the analytical results for sample(s) received by the laboratory on May 07, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Kang Khang

kang.khang@pacelabs.com  
Project Manager

Enclosures

cc: Mark Manske, AECOM, Inc.- MILWAUKEE



**REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

Page 2 of 41

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### SAMPLE SUMMARY

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4077371001	B-24 (2-3)	Solid	05/03/13 12:00	05/07/13 08:55
4077371002	B-25 (3-4)	Solid	05/03/13 12:10	05/07/13 08:55
4077371003	B-26 (3-4)	Solid	05/03/13 12:20	05/07/13 08:55
4077371004	B-27 (3-4)	Solid	05/03/13 12:25	05/07/13 08:55
4077371005	B-28 (7-8)	Solid	05/03/13 10:40	05/07/13 08:55
4077371006	B-29 (4-5)	Solid	05/03/13 10:30	05/07/13 08:55
4077371007	B-30 (4-5)	Solid	05/03/13 10:20	05/07/13 08:55
4077371008	B-31 (4-5)	Solid	05/03/13 10:10	05/07/13 08:55
4077371009	B-32 (4-5)	Solid	05/03/13 10:00	05/07/13 08:55
4077371010	B-33 (2-3)	Solid	05/03/13 12:30	05/07/13 08:55
4077371011	B-34 (1-2)	Solid	05/03/13 12:35	05/07/13 08:55
4077371012	B-35 (4-5)	Solid	05/03/13 13:15	05/07/13 08:55
4077371013	B-36 (3-4)	Solid	05/03/13 13:20	05/07/13 08:55
4077371014	B-37 (4-5)	Solid	05/03/13 13:25	05/07/13 08:55

### REPORT OF LABORATORY ANALYSIS

**SAMPLE ANALYTE COUNT**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4077371001	B-24 (2-3)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371002	B-25 (3-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371003	B-26 (3-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371004	B-27 (3-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371005	B-28 (7-8)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371006	B-29 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371007	B-30 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371008	B-31 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371009	B-32 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371010	B-33 (2-3)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371011	B-34 (1-2)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371012	B-35 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371013	B-36 (3-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4077371014	B-37 (4-5)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G

**REPORT OF LABORATORY ANALYSIS**

**ANALYTICAL RESULTS**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-24 (2-3) Lab ID: 4077371001 Collected: 05/03/13 12:00 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	71-43-2	W
Bromobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	108-86-1	W
Bromochloromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	74-97-5	W
Bromodichloromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-27-4	W
Bromoform	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-25-2	W
Bromomethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	74-83-9	W
n-Butylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	104-51-8	W
sec-Butylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	135-98-8	W
tert-Butylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	98-06-6	W
Carbon tetrachloride	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	56-23-5	W
Chlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	108-90-7	W
Chloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-00-3	W
Chloroform	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	67-66-3	W
Chloromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	74-87-3	W
2-Chlorotoluene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	95-49-8	W
4-Chlorotoluene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	106-43-4	W
1,2-Dibromo-3-chloropropane	<623	ug/kg	3120	623	12.5	05/08/13 13:21	05/09/13 04:31	96-12-8	W
Dibromochloromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	124-48-1	W
1,2-Dibromoethane (EDB)	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	106-93-4	W
Dibromomethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	74-95-3	W
1,2-Dichlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	95-50-1	W
1,3-Dichlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	541-73-1	W
1,4-Dichlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	106-46-7	W
Dichlorodifluoromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-71-8	W
1,1-Dichloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-34-3	W
1,2-Dichloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	107-06-2	W
1,1-Dichloroethene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-35-4	W
cis-1,2-Dichloroethene	502J	ug/kg	929	387	12.5	05/08/13 13:21	05/09/13 04:31	156-59-2	
trans-1,2-Dichloroethene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	156-60-5	L2,W
1,2-Dichloropropane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	78-87-5	W
1,3-Dichloropropane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	142-28-9	W
2,2-Dichloropropane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	594-20-7	W
1,1-Dichloropropene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	563-58-6	W
cis-1,3-Dichloropropene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	10061-01-5	W
trans-1,3-Dichloropropene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	10061-02-6	W
Diisopropyl ether	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	108-20-3	W
Ethylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	100-41-4	W
Hexachloro-1,3-butadiene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	87-68-3	W
Isopropylbenzene (Cumene)	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	98-82-8	W
p-Isopropyltoluene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	99-87-6	W
Methylene Chloride	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-09-2	W
Methyl-tert-butyl ether	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	1634-04-4	L2,W
Naphthalene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	91-20-3	W
n-Propylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	103-65-1	W
Styrene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	100-42-5	W

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-24 (2-3) Lab ID: 4077371001 Collected: 05/03/13 12:00 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	630-20-6	W
1,1,2,2-Tetrachloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	79-34-5	W
Tetrachloroethene	107000	ug/kg	929	387	12.5	05/08/13 13:21	05/09/13 04:31	127-18-4	
Toluene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	108-88-3	W
1,2,3-Trichlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	87-61-6	W
1,2,4-Trichlorobenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	120-82-1	W
1,1,1-Trichloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	71-55-6	W
1,1,2-Trichloroethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	79-00-5	W
Trichloroethene	831J	ug/kg	929	387	12.5	05/08/13 13:21	05/09/13 04:31	79-01-6	
Trichlorofluoromethane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-69-4	W
1,2,3-Trichloropropane	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	96-18-4	W
1,2,4-Trimethylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	95-63-6	W
1,3,5-Trimethylbenzene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	108-67-8	W
Vinyl chloride	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	75-01-4	W
m&p-Xylene	<625	ug/kg	1500	625	12.5	05/08/13 13:21	05/09/13 04:31	179601-23-1	W
o-Xylene	<312	ug/kg	750	312	12.5	05/08/13 13:21	05/09/13 04:31	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	0 %		57-130		12.5	05/08/13 13:21	05/09/13 04:31	1868-53-7	S4
Toluene-d8 (S)	0 %		54-133		12.5	05/08/13 13:21	05/09/13 04:31	2037-26-5	S4
4-Bromofluorobenzene (S)	0 %		49-130		12.5	05/08/13 13:21	05/09/13 04:31	460-00-4	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	19.3 %		0.10	0.10	1		05/10/13 16:57		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-25 (3-4) Lab ID: 4077371002 Collected: 05/03/13 12:10 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/08/13 22:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-35-4	W
cis-1,2-Dichloroethene	34.2J	ug/kg	71.9	29.9	1	05/08/13 13:21	05/08/13 22:23	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	100-42-5	W

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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-25 (3-4) Lab ID: 4077371002 Collected: 05/03/13 12:10 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	79-34-5	W
Tetrachloroethene	469	ug/kg	71.9	29.9	1	05/08/13 13:21	05/08/13 22:23	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	79-00-5	W
Trichloroethene	34.5J	ug/kg	71.9	29.9	1	05/08/13 13:21	05/08/13 22:23	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/08/13 22:23	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:23	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	57-130		1	05/08/13 13:21	05/08/13 22:23	1868-53-7	
Toluene-d8 (S)	112	%	54-133		1	05/08/13 13:21	05/08/13 22:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%	49-130		1	05/08/13 13:21	05/08/13 22:23	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	16.5	%	0.10	0.10	1		05/10/13 16:57		

## ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-26 (3-4) Lab ID: 4077371003 Collected: 05/03/13 12:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260		Preparation Method: EPA 5035/5030B					
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/08/13 22:45	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-35-4	W
cis-1,2-Dichloroethene	72.0	ug/kg	70.3	29.3	1	05/08/13 13:21	05/08/13 22:45	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	100-42-5	W

Date: 05/15/2013 04:39 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-26 (3-4) Lab ID: 4077371003 Collected: 05/03/13 12:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	79-34-5	W
Tetrachloroethene	976	ug/kg	70.3	29.3	1	05/08/13 13:21	05/08/13 22:45	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	79-00-5	W
Trichloroethene	46.0J	ug/kg	70.3	29.3	1	05/08/13 13:21	05/08/13 22:45	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/08/13 22:45	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 22:45	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97 %		57-130		1	05/08/13 13:21	05/08/13 22:45	1868-53-7	
Toluene-d8 (S)	108 %		54-133		1	05/08/13 13:21	05/08/13 22:45	2037-26-5	
4-Bromofluorobenzene (S)	96 %		49-130		1	05/08/13 13:21	05/08/13 22:45	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.7 %		0.10	0.10	1		05/10/13 16:57		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-27 (3-4) Lab ID: 4077371004 Collected: 05/03/13 12:25 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/08/13 23:09	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-35-4	W
cis-1,2-Dichloroethene	83.6	ug/kg	70.3	29.3	1	05/08/13 13:21	05/08/13 23:09	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-27 (3-4) Lab ID: 4077371004 Collected: 05/03/13 12:25 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	79-34-5	W
Tetrachloroethene	91.6	ug/kg	70.3	29.3	1	05/08/13 13:21	05/08/13 23:09	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/08/13 23:09	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:09	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	91 %		57-130		1	05/08/13 13:21	05/08/13 23:09	1868-53-7	
Toluene-d8 (S)	101 %		54-133		1	05/08/13 13:21	05/08/13 23:09	2037-26-5	
4-Bromofluorobenzene (S)	89 %		49-130		1	05/08/13 13:21	05/08/13 23:09	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.6 %		0.10	0.10	1		05/10/13 16:57		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-28 (7-8) Lab ID: 4077371005 Collected: 05/03/13 10:40 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/08/13 23:32	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	100-42-5	W

Date: 05/15/2013 04:39 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-28 (7-8)      Lab ID: 4077371005      Collected: 05/03/13 10:40      Received: 05/07/13 08:55      Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	127-18-4	W
Toluene	33.5J	ug/kg	68.6	28.6	1	05/08/13 13:21	05/08/13 23:32	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/08/13 23:32	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:32	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93	%	57-130		1	05/08/13 13:21	05/08/13 23:32	1868-53-7	
Toluene-d8 (S)	102	%	54-133		1	05/08/13 13:21	05/08/13 23:32	2037-26-5	
4-Bromofluorobenzene (S)	92	%	49-130		1	05/08/13 13:21	05/08/13 23:32	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.5	%	0.10	0.10	1		05/10/13 16:57		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-29 (4-5)      Lab ID: 4077371006      Collected: 05/03/13 10:30      Received: 05/07/13 08:55      Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/08/13 23:55	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	100-42-5	W

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-29 (4-5) Lab ID: 4077371006 Collected: 05/03/13 10:30 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	79-34-5	W
Tetrachloroethene	92.8	ug/kg	67.9	28.3	1	05/08/13 13:21	05/08/13 23:55	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/08/13 23:55	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/08/13 23:55	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	88 %		57-130		1	05/08/13 13:21	05/08/13 23:55	1868-53-7	
Toluene-d8 (S)	96 %		54-133		1	05/08/13 13:21	05/08/13 23:55	2037-26-5	
4-Bromofluorobenzene (S)	85 %		49-130		1	05/08/13 13:21	05/08/13 23:55	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	11.7 %		0.10	0.10	1		05/10/13 16:58		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-30 (4-5) Lab ID: 4077371007 Collected: 05/03/13 10:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/09/13 00:18	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-35-4	W
cis-1,2-Dichloroethene	59.8J	ug/kg	69.0	28.8	1	05/08/13 13:21	05/09/13 00:18	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-30 (4-5) Lab ID: 4077371007 Collected: 05/03/13 10:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	79-34-5	W
Tetrachloroethene	141	ug/kg	69.0	28.8	1	05/08/13 13:21	05/09/13 00:18	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/09/13 00:18	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:18	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	88 %		57-130		1	05/08/13 13:21	05/09/13 00:18	1868-53-7	
Toluene-d8 (S)	100 %		54-133		1	05/08/13 13:21	05/09/13 00:18	2037-26-5	
4-Bromofluorobenzene (S)	87 %		49-130		1	05/08/13 13:21	05/09/13 00:18	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.1 %		0.10	0.10	1		05/10/13 16:58		

**ANALYTICAL RESULTS**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-31 (4-5) Lab ID: 4077371008 Collected: 05/03/13 10:10 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-27-4	W
Bromoform	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	74-83-9	W
n-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	104-51-8	W
sec-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	135-98-8	W
tert-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	98-06-6	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	74-87-3	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8 ug/kg		250	49.8	1	05/08/13 13:21	05/09/13 00:41	96-12-8	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	106-93-4	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	74-95-3	W
1,2-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	95-50-1	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	541-73-1	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	106-46-7	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-71-8	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-34-3	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	107-06-2	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-35-4	W
cis-1,2-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	156-59-2	W
trans-1,2-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	156-60-5	L2,W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	78-87-5	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	142-28-9	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	594-20-7	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	10061-02-6	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	98-82-8	W
p-Isopropyltoluene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	99-87-6	W
Methylene Chloride	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-09-2	W
Methyl-tert-butyl ether	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	1634-04-4	L2,W
Naphthalene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	91-20-3	W
n-Propylbenzene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	103-65-1	W
Styrene	<25.0 ug/kg		60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-31 (4-5) Lab ID: 4077371008 Collected: 05/03/13 10:10 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/09/13 00:41	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 00:41	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	95	%	57-130		1	05/08/13 13:21	05/09/13 00:41	1868-53-7	
Toluene-d8 (S)	104	%	54-133		1	05/08/13 13:21	05/09/13 00:41	2037-26-5	
4-Bromofluorobenzene (S)	92	%	49-130		1	05/08/13 13:21	05/09/13 00:41	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.4	%	0.10	0.10	1		05/10/13 16:58		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-32 (4-5) Lab ID: 4077371009 Collected: 05/03/13 10:00 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/08/13 13:21	05/09/13 01:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	156-60-5	L2,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	100-42-5	W

Date: 05/15/2013 04:39 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-32 (4-5) Lab ID: 4077371009 Collected: 05/03/13 10:00 Received: 05/07/13 08:55 Matrix: Solid  
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/08/13 13:21	05/09/13 01:04	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/08/13 13:21	05/09/13 01:04	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97 %		57-130		1	05/08/13 13:21	05/09/13 01:04	1868-53-7	
Toluene-d8 (S)	108 %		54-133		1	05/08/13 13:21	05/09/13 01:04	2037-26-5	
4-Bromofluorobenzene (S)	94 %		49-130		1	05/08/13 13:21	05/09/13 01:04	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	15.4 %		0.10	0.10	1		05/10/13 16:58		

**ANALYTICAL RESULTS**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-33 (2-3) Lab ID: 4077371010 Collected: 05/03/13 12:30 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/14/13 08:24	05/15/13 10:21	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-33 (2-3) Lab ID: 4077371010 Collected: 05/03/13 12:30 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/14/13 08:24	05/15/13 10:21	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/15/13 10:21	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	90 %		57-130		1	05/14/13 08:24	05/15/13 10:21	1868-53-7	
Toluene-d8 (S)	93 %		54-133		1	05/14/13 08:24	05/15/13 10:21	2037-26-5	
4-Bromofluorobenzene (S)	82 %		49-130		1	05/14/13 08:24	05/15/13 10:21	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	13.6 %		0.10	0.10	1		05/10/13 16:58		

**ANALYTICAL RESULTS**

Project: 60220723 FMR GARRY'S CLEANERS

Pace Project No.: 4077371

Sample: B-34 (1-2) Lab ID: 4077371011 Collected: 05/03/13 12:35 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-27-4	W
Bromoform	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	74-83-9	W
n-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	104-51-8	W
sec-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	135-98-8	W
tert-Butylbenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	98-06-6	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-00-3	1q,W
Chloroform	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	74-87-3	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8 ug/kg		250	49.8	1	05/14/13 08:24	05/14/13 12:30	96-12-8	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	106-93-4	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	74-95-3	W
1,2-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	95-50-1	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	541-73-1	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	106-46-7	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-71-8	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-34-3	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	107-06-2	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-35-4	W
cis-1,2-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	156-59-2	W
trans-1,2-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	156-60-5	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	78-87-5	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	142-28-9	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	594-20-7	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	563-58-6	W
cis-1,3-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	10061-01-5	W
trans-1,3-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	10061-02-6	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	100-41-4	W
Hexachloro-1,3-butadiene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	98-82-8	W
p-Isopropyltoluene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	99-87-6	W
Methylene Chloride	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-09-2	W
Methyl-tert-butyl ether	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	1634-04-4	L2,W
Naphthalene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	91-20-3	W
n-Propylbenzene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	103-65-1	W
Styrene	<25.0 ug/kg		60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-34 (1-2) Lab ID: 4077371011 Collected: 05/03/13 12:35 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/14/13 08:24	05/14/13 12:30	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:30	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93 %		57-130		1	05/14/13 08:24	05/14/13 12:30	1868-53-7	
Toluene-d8 (S)	96 %		54-133		1	05/14/13 08:24	05/14/13 12:30	2037-26-5	
4-Bromofluorobenzene (S)	85 %		49-130		1	05/14/13 08:24	05/14/13 12:30	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.0 %		0.10	0.10	1		05/10/13 16:58		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-35 (4-5) Lab ID: 4077371012 Collected: 05/03/13 13:15 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-00-3	1q,W
Chloroform	55.7J	ug/kg	70.0	29.2	1	05/14/13 08:24	05/14/13 12:53	67-66-3	
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/14/13 08:24	05/14/13 12:53	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: **B-35 (4-5)** Lab ID: **4077371012** Collected: 05/03/13 13:15 Received: 05/07/13 08:55 Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/14/13 08:24	05/14/13 12:53	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 12:53	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	96 %		57-130		1	05/14/13 08:24	05/14/13 12:53	1868-53-7	
Toluene-d8 (S)	97 %		54-133		1	05/14/13 08:24	05/14/13 12:53	2037-26-5	
4-Bromofluorobenzene (S)	88 %		49-130		1	05/14/13 08:24	05/14/13 12:53	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.3 %		0.10	0.10	1		05/10/13 16:58		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-36 (3-4) Lab ID: 4077371013 Collected: 05/03/13 13:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-00-3	1q,W
Chloroform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/14/13 08:24	05/14/13 13:16	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	100-42-5	W



### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-36 (3-4) Lab ID: 4077371013 Collected: 05/03/13 13:20 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/14/13 08:24	05/14/13 13:16	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:16	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93 %		57-130		1	05/14/13 08:24	05/14/13 13:16	1868-53-7	
Toluene-d8 (S)	96 %		54-133		1	05/14/13 08:24	05/14/13 13:16	2037-26-5	
4-Bromofluorobenzene (S)	87 %		49-130		1	05/14/13 08:24	05/14/13 13:16	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.4 %		0.10	0.10	1		05/10/13 16:58		

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-37 (4-5) Lab ID: 4077371014 Collected: 05/03/13 13:25 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	74-97-5	W
Bromodichloromethane	251	ug/kg	69.3	28.9	1	05/14/13 08:24	05/14/13 13:39	75-27-4	
Bromoform	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-00-3	1q,W
Chloroform	160	ug/kg	69.3	28.9	1	05/14/13 08:24	05/14/13 13:39	67-66-3	
Chloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	106-43-4	W
1,2-Dibromo-3-chloropropane	<49.8	ug/kg	250	49.8	1	05/14/13 08:24	05/14/13 13:39	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	1634-04-4	L2,W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	100-42-5	W

### ANALYTICAL RESULTS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Sample: B-37 (4-5) Lab ID: 4077371014 Collected: 05/03/13 13:25 Received: 05/07/13 08:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	87-61-6	W
1,2,4-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	05/14/13 08:24	05/14/13 13:39	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	05/14/13 08:24	05/14/13 13:39	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97 %		57-130		1	05/14/13 08:24	05/14/13 13:39	1868-53-7	
Toluene-d8 (S)	99 %		54-133		1	05/14/13 08:24	05/14/13 13:39	2037-26-5	
4-Bromofluorobenzene (S)	89 %		49-130		1	05/14/13 08:24	05/14/13 13:39	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.4 %		0.10	0.10	1		05/10/13 16:58		

**QUALITY CONTROL DATA**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

QC Batch: MSV/19518 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 4077371001, 4077371002, 4077371003, 4077371004, 4077371005, 4077371006, 4077371007, 4077371008, 4077371009

METHOD BLANK: 786297 Matrix: Solid  
Associated Lab Samples: 4077371001, 4077371002, 4077371003, 4077371004, 4077371005, 4077371006, 4077371007, 4077371008, 4077371009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1-Dichloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1-Dichloroethene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,1-Dichloropropene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2-Dibromo-3-chloropropane	ug/kg	<49.8	250	05/08/13 18:32	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2-Dichlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2-Dichloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,2-Dichloropropane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
1,3-Dichloropropane	ug/kg	<25.0	60.0	05/08/13 18:32	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
2,2-Dichloropropane	ug/kg	<25.0	60.0	05/08/13 18:32	
2-Chlorotoluene	ug/kg	<25.0	60.0	05/08/13 18:32	
4-Chlorotoluene	ug/kg	<25.0	60.0	05/08/13 18:32	
Benzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Bromobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Bromochloromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Bromodichloromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Bromoform	ug/kg	<25.0	60.0	05/08/13 18:32	
Bromomethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Carbon tetrachloride	ug/kg	<25.0	60.0	05/08/13 18:32	
Chlorobenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Chloroethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Chloroform	ug/kg	<25.0	60.0	05/08/13 18:32	
Chloromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/08/13 18:32	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/08/13 18:32	
Dibromochloromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Dibromomethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Diisopropyl ether	ug/kg	<25.0	60.0	05/08/13 18:32	
Ethylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	

Date: 05/15/2013 04:39 PM

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

METHOD BLANK: 786297

Matrix: Solid

Associated Lab Samples: 4077371001, 4077371002, 4077371003, 4077371004, 4077371005, 4077371006, 4077371007, 4077371008, 4077371009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<25.0	60.0	05/08/13 18:32	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	05/08/13 18:32	
m&p-Xylene	ug/kg	<50.0	120	05/08/13 18:32	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/08/13 18:32	
Methylene Chloride	ug/kg	<25.0	60.0	05/08/13 18:32	
n-Butylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
n-Propylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Naphthalene	ug/kg	<25.0	60.0	05/08/13 18:32	
o-Xylene	ug/kg	<25.0	60.0	05/08/13 18:32	
p-Isopropyltoluene	ug/kg	<25.0	60.0	05/08/13 18:32	
sec-Butylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Styrene	ug/kg	<25.0	60.0	05/08/13 18:32	
tert-Butylbenzene	ug/kg	<25.0	60.0	05/08/13 18:32	
Tetrachloroethene	ug/kg	<25.0	60.0	05/08/13 18:32	
Toluene	ug/kg	<25.0	60.0	05/08/13 18:32	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/08/13 18:32	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/08/13 18:32	
Trichloroethene	ug/kg	<25.0	60.0	05/08/13 18:32	
Trichlorofluoromethane	ug/kg	<25.0	60.0	05/08/13 18:32	
Vinyl chloride	ug/kg	<25.0	60.0	05/08/13 18:32	
4-Bromofluorobenzene (S)	%	96	49-130	05/08/13 18:32	
Dibromofluoromethane (S)	%	96	57-130	05/08/13 18:32	
Toluene-d8 (S)	%	106	54-133	05/08/13 18:32	

LABORATORY CONTROL SAMPLE & LCSD: 786298

786299

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2340	2450	94	98	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2690	2410	108	96	70-130	11	20	
1,1,2-Trichloroethane	ug/kg	2500	2480	2410	99	96	70-130	3	20	
1,1-Dichloroethane	ug/kg	2500	2280	2280	91	91	70-130	0	20	
1,1-Dichloroethene	ug/kg	2500	2020	2180	81	87	64-130	7	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2920	2740	117	110	68-130	6	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2470	2260	99	90	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2400	2360	96	94	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	2500	2590	2490	104	100	70-130	4	20	
1,2-Dichloroethane	ug/kg	2500	2360	2340	94	94	70-130	0	20	
1,2-Dichloropropane	ug/kg	2500	2500	2450	100	98	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2530	2490	101	100	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2460	2400	98	96	70-130	2	20	
Benzene	ug/kg	2500	2240	2240	90	90	70-130	0	20	
Bromodichloromethane	ug/kg	2500	2340	2270	94	91	70-130	3	20	
Bromoform	ug/kg	2500	2520	2490	101	99	63-130	1	20	
Bromomethane	ug/kg	2500	2090	2240	84	90	41-142	7	20	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

LABORATORY CONTROL SAMPLE & LCSD:		786298	786299							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2210	2240	88	90	70-130	2	20	
Chlorobenzene	ug/kg	2500	2370	2360	95	94	70-130	1	20	
Chloroethane	ug/kg	2500	2010	1970	80	79	57-130	2	20	
Chloroform	ug/kg	2500	2260	2290	91	92	70-130	1	20	
Chloromethane	ug/kg	2500	2090	2080	84	83	57-130	1	20	
cis-1,2-Dichloroethene	ug/kg	2500	2330	2310	93	93	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2210	2200	88	88	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2250	2210	90	88	70-130	2	20	
Dichlorodifluoromethane	ug/kg	2500	1940	1940	77	77	31-150	0	20	
Ethylbenzene	ug/kg	2500	2440	2450	98	98	65-137	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2290	2280	91	91	70-130	0	20	
m&p-Xylene	ug/kg	5000	4810	4820	96	96	64-139	0	20	
Methyl-tert-butyl ether	ug/kg	2500	1850	1690	74	67	69-130	9	20	LO
Methylene Chloride	ug/kg	2500	2250	2240	90	89	70-130	1	20	
o-Xylene	ug/kg	2500	2280	2280	91	91	63-135	0	20	
Styrene	ug/kg	2500	2240	2240	90	89	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2400	2430	96	97	70-130	1	20	
Toluene	ug/kg	2500	2410	2400	97	96	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	1720	1750	69	70	70-130	1	20	LO
trans-1,3-Dichloropropene	ug/kg	2500	2410	2310	96	92	70-130	4	20	
Trichloroethene	ug/kg	2500	2510	2450	100	98	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	1950	1930	78	77	50-150	1	20	
Vinyl chloride	ug/kg	2500	2220	2270	89	91	57-130	2	20	
4-Bromofluorobenzene (S)	%				97	97	49-130			
Dibromofluoromethane (S)	%				100	102	57-130			
Toluene-d8 (S)	%				100	102	54-133			

### QUALITY CONTROL DATA

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

QC Batch: MSV/19566 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 4077371010, 4077371011, 4077371012, 4077371013, 4077371014

METHOD BLANK: 788779 Matrix: Solid  
Associated Lab Samples: 4077371010, 4077371011, 4077371012, 4077371013, 4077371014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1-Dichloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1-Dichloroethene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,1-Dichloropropene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2-Dibromo-3-chloropropane	ug/kg	<49.8	250	05/14/13 10:12	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2-Dichlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2-Dichloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,2-Dichloropropane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
1,3-Dichloropropane	ug/kg	<25.0	60.0	05/14/13 10:12	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
2,2-Dichloropropane	ug/kg	<25.0	60.0	05/14/13 10:12	
2-Chlorotoluene	ug/kg	<25.0	60.0	05/14/13 10:12	
4-Chlorotoluene	ug/kg	<25.0	60.0	05/14/13 10:12	
Benzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Bromobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Bromochloromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Bromodichloromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Bromoform	ug/kg	<25.0	60.0	05/14/13 10:12	
Bromomethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Carbon tetrachloride	ug/kg	<25.0	60.0	05/14/13 10:12	
Chlorobenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Chloroethane	ug/kg	<25.0	60.0	05/14/13 10:12	1q
Chloroform	ug/kg	<25.0	60.0	05/14/13 10:12	
Chloromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/14/13 10:12	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/14/13 10:12	
Dibromochloromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Dibromomethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Diisopropyl ether	ug/kg	<25.0	60.0	05/14/13 10:12	
Ethylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Hexachloro-1,3-butadiene	ug/kg	<25.0	60.0	05/14/13 10:12	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	05/14/13 10:12	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

METHOD BLANK: 788779 Matrix: Solid  
Associated Lab Samples: 4077371010, 4077371011, 4077371012, 4077371013, 4077371014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	05/14/13 10:12	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/14/13 10:12	
Methylene Chloride	ug/kg	<25.0	60.0	05/14/13 10:12	
n-Butylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
n-Propylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Naphthalene	ug/kg	<25.0	60.0	05/14/13 10:12	
o-Xylene	ug/kg	<25.0	60.0	05/14/13 10:12	
p-Isopropyltoluene	ug/kg	<25.0	60.0	05/14/13 10:12	
sec-Butylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Styrene	ug/kg	<25.0	60.0	05/14/13 10:12	
tert-Butylbenzene	ug/kg	<25.0	60.0	05/14/13 10:12	
Tetrachloroethene	ug/kg	<25.0	60.0	05/14/13 10:12	
Toluene	ug/kg	<25.0	60.0	05/14/13 10:12	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/14/13 10:12	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/14/13 10:12	
Trichloroethene	ug/kg	<25.0	60.0	05/14/13 10:12	
Trichlorofluoromethane	ug/kg	<25.0	60.0	05/14/13 10:12	
Vinyl chloride	ug/kg	<25.0	60.0	05/14/13 10:12	
4-Bromofluorobenzene (S)	%	89	49-130	05/14/13 10:12	
Dibromofluoromethane (S)	%	99	57-130	05/14/13 10:12	
Toluene-d8 (S)	%	106	54-133	05/14/13 10:12	

LABORATORY CONTROL SAMPLE & LCSD: 788780 788781

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	2500	2320	2370	93	95	70-130	2	20	
1,1,1-Trichloroethane	ug/kg	2500	2520	2580	101	103	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2350	2310	94	92	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	2500	2400	2420	96	97	70-130	1	20	
1,1-Dichloroethane	ug/kg	2500	2220	2300	89	92	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2110	2160	84	86	64-130	3	20	
1,1-Dichloropropene	ug/kg	2500	2420	2430	97	97	70-130	0	20	
1,2,3-Trichlorobenzene	ug/kg	2500	2360	2580	94	103	70-130	9	20	
1,2,3-Trichloropropane	ug/kg	2500	2330	2400	93	96	70-130	3	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2450	2610	98	104	68-130	7	20	
1,2,4-Trimethylbenzene	ug/kg	2500	2460	2550	98	102	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2180	2180	87	87	50-150	0	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2310	2330	92	93	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2490	2570	99	103	70-130	3	20	
1,2-Dichloroethane	ug/kg	2500	2320	2360	93	94	70-130	2	20	
1,2-Dichloropropane	ug/kg	2500	2340	2510	94	100	70-130	7	20	
1,3,5-Trimethylbenzene	ug/kg	2500	2480	2550	99	102	70-130	3	20	
1,3-Dichlorobenzene	ug/kg	2500	2510	2610	100	104	70-130	4	20	
1,3-Dichloropropane	ug/kg	2500	2440	2440	97	98	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	2500	2310	2410	92	96	70-130	4	20	



### QUALITY CONTROL DATA

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

LABORATORY CONTROL SAMPLE & LCSD:		788780	788781							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,2-Dichloropropane	ug/kg	2500	2430	2500	97	100	70-130	3	20	
2-Chlorotoluene	ug/kg	2500	2510	2630	101	105	70-130	5	20	
4-Chlorotoluene	ug/kg	2500	2540	2630	102	105	70-130	3	20	
Benzene	ug/kg	2500	2270	2300	91	92	70-130	2	20	
Bromobenzene	ug/kg	2500	2470	2570	99	103	70-130	4	20	
Bromochloromethane	ug/kg	2500	2570	2560	103	102	70-130	0	20	
Bromodichloromethane	ug/kg	2500	2290	2430	92	97	70-130	6	20	
Bromoform	ug/kg	2500	2570	2620	103	105	63-130	2	20	
Bromomethane	ug/kg	2500	2230	2260	89	90	41-142	1	20	
Carbon tetrachloride	ug/kg	2500	2290	2380	91	95	70-130	4	20	
Chlorobenzene	ug/kg	2500	2500	2520	100	101	70-130	1	20	
Chloroethane	ug/kg	2500	2110	2170	84	87	57-130	3	20	CC
Chloroform	ug/kg	2500	2400	2420	96	97	70-130	1	20	
Chloromethane	ug/kg	2500	1960	1990	78	79	57-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2460	2440	98	98	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2350	2410	94	96	70-130	3	20	
Dibromochloromethane	ug/kg	2500	2170	2190	87	88	70-130	1	20	
Dibromomethane	ug/kg	2500	2560	2580	103	103	70-130	0	20	
Dichlorodifluoromethane	ug/kg	2500	1620	1650	65	66	31-150	2	20	
Diisopropyl ether	ug/kg	2500	2290	2320	92	93	70-130	1	20	
Ethylbenzene	ug/kg	2500	2470	2510	99	101	65-137	2	20	
Hexachloro-1,3-butadiene	ug/kg	2500	2550	2710	102	108	70-130	6	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2430	2460	97	98	70-130	1	20	
m&p-Xylene	ug/kg	5000	4970	5090	99	102	64-139	2	20	
Methyl-tert-butyl ether	ug/kg	2500	1610	1620	65	65	69-130	1	20	LO
Methylene Chloride	ug/kg	2500	2350	2370	94	95	70-130	1	20	
n-Butylbenzene	ug/kg	2500	2410	2520	96	101	70-130	4	20	
n-Propylbenzene	ug/kg	2500	2530	2620	101	105	70-130	3	20	
Naphthalene	ug/kg	2500	2370	2440	95	98	70-130	3	20	
o-Xylene	ug/kg	2500	2380	2430	95	97	63-135	2	20	
p-Isopropyltoluene	ug/kg	2500	2230	2300	89	92	70-130	3	20	
sec-Butylbenzene	ug/kg	2500	2550	2670	102	107	70-130	5	20	
Styrene	ug/kg	2500	2250	2310	90	92	69-130	2	20	
tert-Butylbenzene	ug/kg	2500	2640	2710	106	108	70-130	3	20	
Tetrachloroethene	ug/kg	2500	2460	2480	98	99	70-130	1	20	
Toluene	ug/kg	2500	2460	2460	98	98	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	1760	1830	70	73	70-130	4	20	
trans-1,3-Dichloropropene	ug/kg	2500	2170	2210	87	88	70-130	2	20	
Trichloroethene	ug/kg	2500	2490	2570	99	103	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	2040	2020	81	81	50-150	1	20	
Vinyl chloride	ug/kg	2500	2380	2440	95	98	57-130	2	20	
4-Bromofluorobenzene (S)	%				93	95	49-130			
Dibromofluoromethane (S)	%				100	101	57-130			
Toluene-d8 (S)	%				99	99	54-133			

**QUALITY CONTROL DATA**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

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QC Batch: PMST/8426 Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 4077371001, 4077371002, 4077371003, 4077371004, 4077371005, 4077371006, 4077371007, 4077371008,  
4077371009, 4077371010, 4077371011, 4077371012, 4077371013, 4077371014

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SAMPLE DUPLICATE: 787926

Parameter	Units	4077371002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.5	17.2	4	10	

## QUALIFIERS

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### BATCH QUALIFIERS

Batch: MSV/19520

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/19568

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

1q Analyte recovery in the continuing calibration verification (CCV) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

CC The continuing calibration for this compound is outside of method control limits. The result is estimated.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 60220723 FMR GARRY'S CLEANERS  
Pace Project No.: 4077371

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4077371001	B-24 (2-3)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371002	B-25 (3-4)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371003	B-26 (3-4)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371004	B-27 (3-4)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371005	B-28 (7-8)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371006	B-29 (4-5)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371007	B-30 (4-5)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371008	B-31 (4-5)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371009	B-32 (4-5)	EPA 5035/5030B	MSV/19518	EPA 8260	MSV/19520
4077371010	B-33 (2-3)	EPA 5035/5030B	MSV/19566	EPA 8260	MSV/19568
4077371011	B-34 (1-2)	EPA 5035/5030B	MSV/19566	EPA 8260	MSV/19568
4077371012	B-35 (4-5)	EPA 5035/5030B	MSV/19566	EPA 8260	MSV/19568
4077371013	B-36 (3-4)	EPA 5035/5030B	MSV/19566	EPA 8260	MSV/19568
4077371014	B-37 (4-5)	EPA 5035/5030B	MSV/19566	EPA 8260	MSV/19568
4077371001	B-24 (2-3)	ASTM D2974-87	PMST/8426		
4077371002	B-25 (3-4)	ASTM D2974-87	PMST/8426		
4077371003	B-26 (3-4)	ASTM D2974-87	PMST/8426		
4077371004	B-27 (3-4)	ASTM D2974-87	PMST/8426		
4077371005	B-28 (7-8)	ASTM D2974-87	PMST/8426		
4077371006	B-29 (4-5)	ASTM D2974-87	PMST/8426		
4077371007	B-30 (4-5)	ASTM D2974-87	PMST/8426		
4077371008	B-31 (4-5)	ASTM D2974-87	PMST/8426		
4077371009	B-32 (4-5)	ASTM D2974-87	PMST/8426		
4077371010	B-33 (2-3)	ASTM D2974-87	PMST/8426		
4077371011	B-34 (1-2)	ASTM D2974-87	PMST/8426		
4077371012	B-35 (4-5)	ASTM D2974-87	PMST/8426		
4077371013	B-36 (3-4)	ASTM D2974-87	PMST/8426		
4077371014	B-37 (4-5)	ASTM D2974-87	PMST/8426		

(Please Print Clearly)

Company Name: **AECOM**  
 Branch/Location: **Milwaukee**  
 Project Contact: **Richard Mazurkiewicz**  
 Phone: **414-944-6174**  
 Project Number: **60220723**  
 Project Name: **Former Garrys Slag**  
 Project State: **WI**  
 Sampled By (Print): **Dean Fenske**  
 Sampled By (Sign): *[Signature]*



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436

### CHAIN OF CUSTODY

**\*Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?  
(YES/NO)  
 PRESERVATION  
(CODE)\*

Y/N	Pick Letter	Analyses Requested	Matrix Codes																	
			A	B	C	D	E	F	G	H	I	J								
-	F	VOCs																		

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	B-24 (2-3)	5-31	12:00	S	X		
002	B-25 (3-4)		12:10				
003	B-26 (3-4)		12:20				
004	B-27 (3-4)		12:35				
005	B-28 (7-8)		10:40				
006	B-29 (4-5)		10:30				
007	B-30 (4-5)		10:20				
008	B-31 (4-5)		10:10				
009	B-32 (4-5)		10:00				

Quote #: **4077371**

Mail To Contact: **Richard Mazurkiewicz**

Mail To Company: **AECOM**

Mail To Address: **1555 N. River Center Milwaukee WI 53212**

Invoice To Contact: **Same**

Invoice To Company: **Same**

Invoice To Address: **Same**

Invoice To Phone: **Same**

CLIENT COMMENTS: **Run before 2-33 thru B-37**

LAB COMMENTS (Lab Use Only): **1-40ml F; 1-40z p<sup>A</sup>**

Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed: \_\_\_\_\_

Transmit Prelim Rush Results by (complete what you want): \_\_\_\_\_

Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>[Signature]</i> Date/Time: <b>5-6-13 18:00</b>	Received By: _____ Date/Time: _____
Relinquished By: <b>Waltco</b> Date/Time: <b>5/7/13 0855</b>	Received By: <b>E. Kelly Pace GB</b> Date/Time: <b>5/7/13 0855</b>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. **4077371**

Receipt Temp = **ROI** °C

Sample Receipt pH **OK / Adjusted**

Cooler Custody Seal **Present / Not Present Intact / Not Intact**

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

4077371



# CHAIN OF CUSTODY

\*Preservation Codes  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Company Name: AECOM  
 Branch/Location: Milwaukee  
 Project Contact: Richard Mazurkiewicz  
 Phone: 414-944-6174  
 Project Number: 60220723  
 Project Name: Former Garry's Cleaders  
 Project State: WI  
 Sampled By (Print): Degan Fenske  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_ Regulatory Program: \_\_\_\_\_

FILTERED? (YES/NO)  
 PRESERVATION (CODE)\*

Y/N	Pick Letter	Analyses Requested	COLLECTION		MATRIX
			DATE	TIME	
	F	VOCs			

Data Package Options (billable)  
 EPA Level III  
 EPA Level IV

MS/MSD  
 On your sample (billable)  
 NOT needed on your sample

Matrix Codes  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
010	B-33 (2-3)	5-3-13	12:30	S		X	
011	B-34 (1-2)	↓	12:35	↓		X	
012	B-35 (4-5)	↓	13:15	↓		X	
013	B-36 (3-4)	↓	13:20	↓		X	
014	B-37 (4-5)	↓	13:25	↓		X	

Quote #:	
Mail To Contact:	<u>Richard Mazurkiewicz</u>
Mail To Company:	<u>AECOM</u>
Mail To Address:	<u>1555 N. River Center Milwaukee, WI 53212</u>
Invoice To Contact:	<u>same</u>
Invoice To Company:	<u>same</u>
Invoice To Address:	<u>same</u>
Invoice To Phone:	<u>same</u>
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only) Profile #
<u>Hold pending results of B-24 thru B-32. Contact client w/ results at B-24-B-32</u>	<u>1-40ml F; 1-40zpt</u>

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <u>[Signature]</u> Date/Time: <u>5-6-13 8am</u>	Received By: _____ Date/Time: _____	PACE Project No. <u>4077371</u>
	Transmit Prelim Rush Results by (complete what you want): <u>Waltco</u>	Date/Time: <u>5/1/13 0855</u>	
Email #1:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Receipt Temp = <u>RAI</u> °C
Email #2:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Sample Receipt pH OK / Adjusted
Telephone:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Cooler Custody Seal Present / Not Present
Fax:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Intact / Not Intact



**Sample Condition Upon Receipt**

Client Name: AEOOM Milw Project # 4077371

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other Wattco  
Tracking #: 338377

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used N/A Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT / Corr: Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C for all sample except Biota.  
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:  
Date: 5/7/13  
Initials: EMH

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

\_\_\_\_\_

Project Manager Review: [Signature] Date: 5/7/13







May 24, 2013

Ric Maz  
AECOM, Inc. - MILWAUKEE  
1555 N River Center Drive  
Suite 214  
Milwaukee, WI 53212

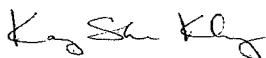
RE: Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Dear Ric Maz:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Kang Khang

kang.khang@pacelabs.com  
Project Manager

Enclosures

cc: Mark Manske, AECOM, Inc.- MILWAUKEE



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

**SAMPLE SUMMARY**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4077645001	MW-1	Water	05/07/13 12:05	05/10/13 08:45
4077645002	MW-2	Water	05/07/13 12:55	05/10/13 08:45
4077645003	KFC-5I	Water	05/07/13 14:55	05/10/13 08:45
4077645004	KFC-5	Water	05/07/13 15:30	05/10/13 08:45
4077645005	KFC-1	Water	05/07/13 16:15	05/10/13 08:45
4077645006	KFC-4	Water	05/07/13 17:00	05/10/13 08:45
4077645007	KFC-4I	Water	05/07/13 17:30	05/10/13 08:45
4077645008	KFC-6	Water	05/08/13 09:30	05/10/13 08:45
4077645009	MW-3D2	Water	05/08/13 10:40	05/10/13 08:45
4077645010	MW-3D	Water	05/08/13 11:35	05/10/13 08:45
4077645011	KFC-2	Water	05/08/13 13:00	05/10/13 08:45
4077645012	MW-3I	Water	05/08/13 14:10	05/10/13 08:45
4077645013	MW-3I (DUP)	Water	05/08/13 14:10	05/10/13 08:45
4077645014	MW-3	Water	05/08/13 14:50	05/10/13 08:45
4077645015	TB	Water	05/08/13 14:50	05/10/13 08:45

**REPORT OF LABORATORY ANALYSIS**

### SAMPLE ANALYTE COUNT

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4077645001	MW-1	EPA 8260	LAP	64	PASI-G
4077645002	MW-2	EPA 8260	LAP	64	PASI-G
4077645003	KFC-5I	EPA 8260	LAP	64	PASI-G
4077645004	KFC-5	EPA 8260	LAP	64	PASI-G
4077645005	KFC-1	EPA 8260	LAP	64	PASI-G
4077645006	KFC-4	EPA 8260	LAP	64	PASI-G
4077645007	KFC-4I	EPA 8260	LAP	64	PASI-G
4077645008	KFC-6	EPA 8260	LAP	64	PASI-G
4077645009	MW-3D2	EPA 8260	LAP	64	PASI-G
4077645010	MW-3D	EPA 8015B Modified	LCF	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	JCJ	1	PASI-G
		EPA 353.2	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
4077645011	KFC-2	EPA 8015B Modified	LCF	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	JCJ	1	PASI-G
		EPA 353.2	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
4077645012	MW-3I	EPA 8015B Modified	LCF	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	JCJ	1	PASI-G
		EPA 353.2	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
4077645013	MW-3I (DUP)	EPA 8260	LAP	64	PASI-G
4077645014	MW-3	EPA 8015B Modified	LCF	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	JCJ	1	PASI-G
		EPA 353.2	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
4077645015	TB	EPA 8260	SMT	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-1 Lab ID: 4077645001 Collected: 05/07/13 12:05 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 12:05	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:05	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 12:05	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 12:05	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:05	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 12:05	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 12:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 12:05	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 12:05	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:05	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 12:05	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:05	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 12:05	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 12:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 12:05	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:05	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 12:05	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:05	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 12:05	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 12:05	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:05	75-35-4	
cis-1,2-Dichloroethene	5.8	ug/L	1.0	0.42	1		05/13/13 12:05	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 12:05	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 12:05	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 12:05	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 12:05	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 12:05	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 12:05	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 12:05	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 12:05	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:05	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 12:05	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 12:05	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:05	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 12:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:05	630-20-6	

Date: 05/24/2013 04:23 PM

### REPORT OF LABORATORY ANALYSIS

Page 5 of 49

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-1 Lab ID: 4077645001 Collected: 05/07/13 12:05 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 12:05	79-34-5	
Tetrachloroethene	25.4	ug/L	1.0	0.47	1		05/13/13 12:05	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:05	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 12:05	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:05	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:05	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:05	79-00-5	
Trichloroethene	4.8	ug/L	1.0	0.43	1		05/13/13 12:05	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:05	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 12:05	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 12:05	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:05	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 12:05	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 12:05	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:05	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97 %		43-137		1		05/13/13 12:05	460-00-4	
Dibromofluoromethane (S)	106 %		70-130		1		05/13/13 12:05	1868-53-7	
Toluene-d8 (S)	100 %		55-137		1		05/13/13 12:05	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-2      Lab ID: 4077645002      Collected: 05/07/13 12:55      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/14/13 09:45	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/14/13 09:45	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/14/13 09:45	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/14/13 09:45	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/14/13 09:45	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/14/13 09:45	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/14/13 09:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/14/13 09:45	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/14/13 09:45	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 09:45	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/14/13 09:45	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/14/13 09:45	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/14/13 09:45	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/14/13 09:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/14/13 09:45	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/14/13 09:45	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/14/13 09:45	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/14/13 09:45	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/14/13 09:45	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/14/13 09:45	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 09:45	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/14/13 09:45	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/14/13 09:45	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/14/13 09:45	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/14/13 09:45	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/14/13 09:45	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/14/13 09:45	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/14/13 09:45	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/14/13 09:45	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/14/13 09:45	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/14/13 09:45	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/14/13 09:45	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/14/13 09:45	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/14/13 09:45	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/14/13 09:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/14/13 09:45	630-20-6	

Date: 05/24/2013 04:23 PM

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-2      Lab ID: 4077645002      Collected: 05/07/13 12:55      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/14/13 09:45	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/14/13 09:45	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/14/13 09:45	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/14/13 09:45	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 09:45	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 09:45	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/14/13 09:45	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 09:45	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/14/13 09:45	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/14/13 09:45	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/14/13 09:45	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 09:45	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/14/13 09:45	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/14/13 09:45	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/14/13 09:45	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96 %		43-137		1		05/14/13 09:45	460-00-4	
Dibromofluoromethane (S)	110 %		70-130		1		05/14/13 09:45	1868-53-7	
Toluene-d8 (S)	97 %		55-137		1		05/14/13 09:45	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-5I      Lab ID: 4077645003      Collected: 05/07/13 14:55      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 12:27	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:27	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 12:27	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 12:27	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:27	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 12:27	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 12:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 12:27	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 12:27	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:27	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 12:27	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:27	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 12:27	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 12:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 12:27	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:27	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 12:27	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:27	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 12:27	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 12:27	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:27	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 12:27	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 12:27	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 12:27	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 12:27	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 12:27	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 12:27	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 12:27	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 12:27	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 12:27	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:27	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 12:27	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 12:27	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:27	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 12:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:27	630-20-6	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-5I      Lab ID: 4077645003      Collected: 05/07/13 14:55      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 12:27	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 12:27	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:27	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 12:27	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:27	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:27	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:27	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:27	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:27	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 12:27	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 12:27	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:27	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 12:27	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 12:27	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:27	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98 %		43-137		1		05/13/13 12:27	460-00-4	
Dibromofluoromethane (S)	107 %		70-130		1		05/13/13 12:27	1868-53-7	
Toluene-d8 (S)	100 %		55-137		1		05/13/13 12:27	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-5      Lab ID: 4077645004      Collected: 05/07/13 15:30      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:50	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 12:50	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:50	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 12:50	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 12:50	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:50	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 12:50	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 12:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 12:50	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 12:50	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:50	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 12:50	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:50	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 12:50	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 12:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 12:50	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:50	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 12:50	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:50	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 12:50	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 12:50	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:50	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 12:50	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 12:50	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 12:50	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 12:50	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 12:50	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 12:50	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 12:50	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 12:50	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 12:50	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:50	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 12:50	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 12:50	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 12:50	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 12:50	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 12:50	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:50	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 12:50	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 12:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 12:50	630-20-6	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-5      Lab ID: 4077645004      Collected: 05/07/13 15:30      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 12:50	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 12:50	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 12:50	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 12:50	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:50	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 12:50	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 12:50	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 12:50	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 12:50	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 12:50	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 12:50	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 12:50	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 12:50	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 12:50	179601-23-1	
o-Xylene	0.52J	ug/L	1.0	0.50	1		05/13/13 12:50	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97 %		43-137		1		05/13/13 12:50	460-00-4	
Dibromofluoromethane (S)	106 %		70-130		1		05/13/13 12:50	1868-53-7	
Toluene-d8 (S)	102 %		55-137		1		05/13/13 12:50	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-1      Lab ID: 4077645005      Collected: 05/07/13 16:15      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 13:12	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:12	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 13:12	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 13:12	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:12	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 13:12	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 13:12	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 13:12	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:12	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 13:12	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:12	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 13:12	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 13:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 13:12	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:12	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 13:12	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:12	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 13:12	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 13:12	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:12	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:12	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 13:12	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 13:12	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 13:12	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 13:12	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 13:12	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 13:12	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 13:12	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 13:12	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:12	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 13:12	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 13:12	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:12	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 13:12	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:12	630-20-6	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-1 Lab ID: 4077645005 Collected: 05/07/13 16:15 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 13:12	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 13:12	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:12	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 13:12	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:12	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:12	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:12	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:12	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:12	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 13:12	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 13:12	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:12	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 13:12	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 13:12	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:12	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100 %		43-137		1		05/13/13 13:12	460-00-4	
Dibromofluoromethane (S)	104 %		70-130		1		05/13/13 13:12	1868-53-7	
Toluene-d8 (S)	100 %		55-137		1		05/13/13 13:12	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: KFC-4      Lab ID: 4077645006      Collected: 05/07/13 17:00      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 13:35	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:35	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 13:35	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 13:35	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:35	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 13:35	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 13:35	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 13:35	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:35	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 13:35	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:35	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 13:35	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 13:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 13:35	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:35	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 13:35	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:35	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 13:35	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 13:35	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:35	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:35	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 13:35	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 13:35	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 13:35	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 13:35	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 13:35	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 13:35	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 13:35	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 13:35	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:35	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 13:35	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 13:35	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:35	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 13:35	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:35	630-20-6	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-4 Lab ID: 4077645006 Collected: 05/07/13 17:00 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 13:35	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 13:35	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:35	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 13:35	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:35	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:35	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:35	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:35	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:35	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 13:35	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 13:35	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:35	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 13:35	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 13:35	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:35	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97 %		43-137		1		05/13/13 13:35	460-00-4	
Dibromofluoromethane (S)	106 %		70-130		1		05/13/13 13:35	1868-53-7	
Toluene-d8 (S)	100 %		55-137		1		05/13/13 13:35	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-41      Lab ID: 4077645007      Collected: 05/07/13 17:30      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 13:57	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:57	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 13:57	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 13:57	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:57	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 13:57	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 13:57	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 13:57	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:57	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 13:57	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:57	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 13:57	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 13:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 13:57	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:57	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 13:57	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:57	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 13:57	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 13:57	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:57	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 13:57	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 13:57	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 13:57	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 13:57	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 13:57	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 13:57	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 13:57	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 13:57	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 13:57	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 13:57	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 13:57	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 13:57	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:57	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 13:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 13:57	630-20-6	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-4I Lab ID: 4077645007 Collected: 05/07/13 17:30 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 13:57	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 13:57	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 13:57	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 13:57	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:57	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 13:57	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 13:57	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 13:57	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 13:57	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 13:57	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 13:57	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 13:57	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 13:57	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 13:57	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/13/13 13:57	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97 %		43-137		1		05/13/13 13:57	460-00-4	
Dibromofluoromethane (S)	107 %		70-130		1		05/13/13 13:57	1868-53-7	
Toluene-d8 (S)	98 %		55-137		1		05/13/13 13:57	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: KFC-6      Lab ID: 4077645008      Collected: 05/08/13 09:30      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/13/13 14:20	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/13/13 14:20	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/13/13 14:20	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/13/13 14:20	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/13/13 14:20	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/13/13 14:20	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/13/13 14:20	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/13/13 14:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/13/13 14:20	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/13/13 14:20	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 14:20	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/13/13 14:20	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/13/13 14:20	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/13/13 14:20	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/13/13 14:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/13/13 14:20	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/13/13 14:20	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/13/13 14:20	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/13/13 14:20	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/13/13 14:20	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/13/13 14:20	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 14:20	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/13/13 14:20	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/13/13 14:20	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/13/13 14:20	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/13/13 14:20	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/13/13 14:20	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/13/13 14:20	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/13/13 14:20	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/13/13 14:20	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/13/13 14:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 14:20	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/13/13 14:20	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/13/13 14:20	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/13/13 14:20	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/13/13 14:20	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/13/13 14:20	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/13/13 14:20	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/13/13 14:20	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/13/13 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/13/13 14:20	630-20-6	

Date: 05/24/2013 04:23 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-6 Lab ID: 4077645008 Collected: 05/08/13 09:30 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/13/13 14:20	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/13/13 14:20	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/13/13 14:20	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/13/13 14:20	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 14:20	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/13/13 14:20	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/13/13 14:20	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/13/13 14:20	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/13/13 14:20	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/13/13 14:20	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/13/13 14:20	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/13/13 14:20	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/13/13 14:20	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/13/13 14:20	179601-23-1	
o-Xylene	0.57J	ug/L	1.0	0.50	1		05/13/13 14:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102 %		43-137		1		05/13/13 14:20	460-00-4	
Dibromofluoromethane (S)	109 %		70-130		1		05/13/13 14:20	1868-53-7	
Toluene-d8 (S)	101 %		55-137		1		05/13/13 14:20	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-3D2 Lab ID: 4077645009 Collected: 05/08/13 10:40 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<10.0	ug/L	20.0	10.0	20		05/14/13 09:00	71-43-2	
Bromobenzene	<9.7	ug/L	20.0	9.7	20		05/14/13 09:00	108-86-1	
Bromochloromethane	<9.8	ug/L	20.0	9.8	20		05/14/13 09:00	74-97-5	
Bromodichloromethane	<9.1	ug/L	20.0	9.1	20		05/14/13 09:00	75-27-4	
Bromoform	<4.7	ug/L	20.0	4.7	20		05/14/13 09:00	75-25-2	
Bromomethane	<8.6	ug/L	100	8.6	20		05/14/13 09:00	74-83-9	
n-Butylbenzene	<8.0	ug/L	20.0	8.0	20		05/14/13 09:00	104-51-8	
sec-Butylbenzene	<12.1	ug/L	100	12.1	20		05/14/13 09:00	135-98-8	
tert-Butylbenzene	<8.5	ug/L	20.0	8.5	20		05/14/13 09:00	98-06-6	
Carbon tetrachloride	<7.3	ug/L	20.0	7.3	20		05/14/13 09:00	56-23-5	
Chlorobenzene	<7.2	ug/L	20.0	7.2	20		05/14/13 09:00	108-90-7	
Chloroethane	<8.9	ug/L	20.0	8.9	20		05/14/13 09:00	75-00-3	
Chloroform	<13.8	ug/L	100	13.8	20		05/14/13 09:00	67-66-3	
Chloromethane	<7.8	ug/L	20.0	7.8	20		05/14/13 09:00	74-87-3	
2-Chlorotoluene	<9.5	ug/L	20.0	9.5	20		05/14/13 09:00	95-49-8	
4-Chlorotoluene	<9.7	ug/L	20.0	9.7	20		05/14/13 09:00	106-43-4	
1,2-Dibromo-3-chloropropane	<29.9	ug/L	100	29.9	20		05/14/13 09:00	96-12-8	
Dibromochloromethane	<37.9	ug/L	100	37.9	20		05/14/13 09:00	124-48-1	
1,2-Dibromoethane (EDB)	<7.6	ug/L	20.0	7.6	20		05/14/13 09:00	106-93-4	
Dibromomethane	<9.6	ug/L	20.0	9.6	20		05/14/13 09:00	74-95-3	
1,2-Dichlorobenzene	<8.8	ug/L	20.0	8.8	20		05/14/13 09:00	95-50-1	
1,3-Dichlorobenzene	<9.0	ug/L	20.0	9.0	20		05/14/13 09:00	541-73-1	
1,4-Dichlorobenzene	<8.7	ug/L	20.0	8.7	20		05/14/13 09:00	106-46-7	
Dichlorodifluoromethane	<8.0	ug/L	20.0	8.0	20		05/14/13 09:00	75-71-8	
1,1-Dichloroethane	<5.7	ug/L	20.0	5.7	20		05/14/13 09:00	75-34-3	
1,2-Dichloroethane	<9.5	ug/L	20.0	9.5	20		05/14/13 09:00	107-06-2	
1,1-Dichloroethene	<8.5	ug/L	20.0	8.5	20		05/14/13 09:00	75-35-4	
cis-1,2-Dichloroethene	92.0	ug/L	20.0	8.4	20		05/14/13 09:00	156-59-2	
trans-1,2-Dichloroethene	<7.4	ug/L	20.0	7.4	20		05/14/13 09:00	156-60-5	
1,2-Dichloropropane	<10	ug/L	20.0	10	20		05/14/13 09:00	78-87-5	
1,3-Dichloropropane	<9.3	ug/L	20.0	9.3	20		05/14/13 09:00	142-28-9	
2,2-Dichloropropane	<7.4	ug/L	20.0	7.4	20		05/14/13 09:00	594-20-7	
1,1-Dichloropropene	<10.1	ug/L	20.0	10.1	20		05/14/13 09:00	563-58-6	
cis-1,3-Dichloropropene	<5.8	ug/L	20.0	5.8	20		05/14/13 09:00	10061-01-5	
trans-1,3-Dichloropropene	<5.2	ug/L	20.0	5.2	20		05/14/13 09:00	10061-02-6	
Diisopropyl ether	<10.0	ug/L	20.0	10.0	20		05/14/13 09:00	108-20-3	
Ethylbenzene	<10.0	ug/L	20.0	10.0	20		05/14/13 09:00	100-41-4	
Hexachloro-1,3-butadiene	<25.1	ug/L	100	25.1	20		05/14/13 09:00	87-68-3	
Isopropylbenzene (Cumene)	<6.8	ug/L	20.0	6.8	20		05/14/13 09:00	98-82-8	
p-Isopropyltoluene	<7.9	ug/L	20.0	7.9	20		05/14/13 09:00	99-87-6	
Methylene Chloride	<7.2	ug/L	20.0	7.2	20		05/14/13 09:00	75-09-2	
Methyl-tert-butyl ether	<9.9	ug/L	20.0	9.9	20		05/14/13 09:00	1634-04-4	
Naphthalene	<50.0	ug/L	100	50.0	20		05/14/13 09:00	91-20-3	
n-Propylbenzene	<10.0	ug/L	20.0	10.0	20		05/14/13 09:00	103-65-1	
Styrene	<7.0	ug/L	20.0	7.0	20		05/14/13 09:00	100-42-5	
1,1,1,2-Tetrachloroethane	<9.0	ug/L	20.0	9.0	20		05/14/13 09:00	630-20-6	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-3D2 Lab ID: 4077645009 Collected: 05/08/13 10:40 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<7.7	ug/L	20.0	7.7	20		05/14/13 09:00	79-34-5	
Tetrachloroethene	1660	ug/L	20.0	9.4	20		05/14/13 09:00	127-18-4	
Toluene	<8.8	ug/L	20.0	8.8	20		05/14/13 09:00	108-88-3	
1,2,3-Trichlorobenzene	<15.4	ug/L	100	15.4	20		05/14/13 09:00	87-61-6	
1,2,4-Trichlorobenzene	<50.0	ug/L	100	50.0	20		05/14/13 09:00	120-82-1	
1,1,1-Trichloroethane	<8.9	ug/L	20.0	8.9	20		05/14/13 09:00	71-55-6	
1,1,2-Trichloroethane	<7.8	ug/L	20.0	7.8	20		05/14/13 09:00	79-00-5	
Trichloroethene	101	ug/L	20.0	8.6	20		05/14/13 09:00	79-01-6	
Trichlorofluoromethane	<9.5	ug/L	20.0	9.5	20		05/14/13 09:00	75-69-4	
1,2,3-Trichloropropane	<9.4	ug/L	20.0	9.4	20		05/14/13 09:00	96-18-4	
1,2,4-Trimethylbenzene	<11.4	ug/L	100	11.4	20		05/14/13 09:00	95-63-6	
1,3,5-Trimethylbenzene	<50.0	ug/L	100	50.0	20		05/14/13 09:00	108-67-8	
Vinyl chloride	4.1J	ug/L	20.0	3.7	20		05/14/13 09:00	75-01-4	
m&p-Xylene	<16.3	ug/L	40.0	16.3	20		05/14/13 09:00	179601-23-1	
o-Xylene	<10.0	ug/L	20.0	10.0	20		05/14/13 09:00	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	43-137		20		05/14/13 09:00	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		20		05/14/13 09:00	1868-53-7	
Toluene-d8 (S)	100	%	55-137		20		05/14/13 09:00	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-3D Lab ID: 4077645010 Collected: 05/08/13 11:35 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>		Analytical Method: EPA 8015B Modified							
Ethane	<0.36	ug/L	5.6	0.36	1		05/14/13 08:58	74-84-0	
Ethene	<0.30	ug/L	5.0	0.30	1		05/14/13 08:58	74-85-1	
Methane	192	ug/L	2.8	0.64	1		05/14/13 08:58	74-82-8	
<b>6010 MET ICP, Dissolved</b>		Analytical Method: EPA 6010							
Iron, Dissolved	244	ug/L	100	14.0	1		05/14/13 13:55	7439-89-6	
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/14/13 08:37	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/14/13 08:37	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/14/13 08:37	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/14/13 08:37	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/14/13 08:37	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/14/13 08:37	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/14/13 08:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/14/13 08:37	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/14/13 08:37	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 08:37	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/14/13 08:37	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/14/13 08:37	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/14/13 08:37	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/14/13 08:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/14/13 08:37	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/14/13 08:37	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/14/13 08:37	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/14/13 08:37	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/14/13 08:37	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/14/13 08:37	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 08:37	75-35-4	
cis-1,2-Dichloroethene	35.0	ug/L	1.0	0.42	1		05/14/13 08:37	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/14/13 08:37	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/14/13 08:37	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/14/13 08:37	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/14/13 08:37	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/14/13 08:37	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/14/13 08:37	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/14/13 08:37	87-68-3	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-3D      Lab ID: 4077645010      Collected: 05/08/13 11:35      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/14/13 08:37	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/14/13 08:37	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/14/13 08:37	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/14/13 08:37	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/14/13 08:37	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/14/13 08:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/14/13 08:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/14/13 08:37	79-34-5	
Tetrachloroethene	59.1	ug/L	1.0	0.47	1		05/14/13 08:37	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/14/13 08:37	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/14/13 08:37	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 08:37	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 08:37	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/14/13 08:37	79-00-5	
Trichloroethene	30.6	ug/L	1.0	0.43	1		05/14/13 08:37	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/14/13 08:37	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/14/13 08:37	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/14/13 08:37	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 08:37	108-67-8	
Vinyl chloride	0.55J	ug/L	1.0	0.18	1		05/14/13 08:37	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/14/13 08:37	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/14/13 08:37	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100 %		43-137		1		05/14/13 08:37	460-00-4	
Dibromofluoromethane (S)	107 %		70-130		1		05/14/13 08:37	1868-53-7	
Toluene-d8 (S)	103 %		55-137		1		05/14/13 08:37	2037-26-5	
<b>300.0 IC Anions 28 Days</b>									
Analytical Method: EPA 300.0									
Sulfate	8.1	mg/L	4.0	2.0	1		05/20/13 16:37	14808-79-8	
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	0.10J	mg/L	0.25	0.055	1		05/23/13 17:36		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Total Organic Carbon	7.5	mg/L	3.0	0.25	6		05/14/13 19:01	7440-44-0	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: KFC-2 Lab ID: 4077645011 Collected: 05/08/13 13:00 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>		Analytical Method: EPA 8015B Modified							
Ethane	<0.36	ug/L	5.6	0.36	1		05/14/13 09:06	74-84-0	
Ethene	<0.30	ug/L	5.0	0.30	1		05/14/13 09:06	74-85-1	
Methane	<0.64	ug/L	2.8	0.64	1		05/14/13 09:06	74-82-8	
<b>6010 MET ICP, Dissolved</b>		Analytical Method: EPA 6010							
Iron, Dissolved	<14.0	ug/L	100	14.0	1		05/15/13 11:14	7439-89-6	
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/14/13 22:22	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/14/13 22:22	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/14/13 22:22	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/14/13 22:22	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/14/13 22:22	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/14/13 22:22	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/14/13 22:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/14/13 22:22	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/14/13 22:22	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 22:22	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/14/13 22:22	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/14/13 22:22	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/14/13 22:22	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/14/13 22:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/14/13 22:22	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/14/13 22:22	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/14/13 22:22	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/14/13 22:22	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/14/13 22:22	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/14/13 22:22	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 22:22	75-35-4	
cis-1,2-Dichloroethene	51.2	ug/L	1.0	0.42	1		05/14/13 22:22	156-59-2	
trans-1,2-Dichloroethene	0.65J	ug/L	1.0	0.37	1		05/14/13 22:22	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/14/13 22:22	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/14/13 22:22	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/14/13 22:22	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/14/13 22:22	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/14/13 22:22	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/14/13 22:22	87-68-3	

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: KFC-2 Lab ID: 4077645011 Collected: 05/08/13 13:00 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/14/13 22:22	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/14/13 22:22	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/14/13 22:22	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/14/13 22:22	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:22	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/14/13 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/14/13 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/14/13 22:22	79-34-5	
Tetrachloroethene	64.0	ug/L	1.0	0.47	1		05/14/13 22:22	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/14/13 22:22	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/14/13 22:22	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:22	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 22:22	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/14/13 22:22	79-00-5	
Trichloroethene	35.0	ug/L	1.0	0.43	1		05/14/13 22:22	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:22	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/14/13 22:22	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/14/13 22:22	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:22	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/14/13 22:22	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/14/13 22:22	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:22	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98 %		43-137		1		05/14/13 22:22	460-00-4	
Dibromofluoromethane (S)	108 %		70-130		1		05/14/13 22:22	1868-53-7	
Toluene-d8 (S)	98 %		55-137		1		05/14/13 22:22	2037-26-5	
<b>300.0 IC Anions 28 Days</b>									
Analytical Method: EPA 300.0									
Sulfate	24.0	mg/L	4.0	2.0	1		05/20/13 16:45	14808-79-8	
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	0.69	mg/L	0.25	0.055	1		05/23/13 17:36		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Total Organic Carbon	1.1	mg/L	0.50	0.041	1		05/14/13 19:56	7440-44-0	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-31 Lab ID: 4077645012 Collected: 05/08/13 14:10 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>		Analytical Method: EPA 8015B Modified							
Ethane	2.0J	ug/L	5.6	0.36	1		05/14/13 09:15	74-84-0	
Ethene	<0.30	ug/L	5.0	0.30	1		05/14/13 09:15	74-85-1	
Methane	86.9	ug/L	5.6	1.3	2		05/14/13 09:50	74-82-8	
<b>6010 MET ICP, Dissolved</b>		Analytical Method: EPA 6010							
Iron, Dissolved	53.7J	ug/L	100	14.0	1		05/14/13 14:10	7439-89-6	
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/14/13 22:44	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/14/13 22:44	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/14/13 22:44	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/14/13 22:44	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/14/13 22:44	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/14/13 22:44	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/14/13 22:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/14/13 22:44	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/14/13 22:44	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 22:44	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/14/13 22:44	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/14/13 22:44	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/14/13 22:44	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/14/13 22:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/14/13 22:44	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/14/13 22:44	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/14/13 22:44	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/14/13 22:44	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/14/13 22:44	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/14/13 22:44	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 22:44	75-35-4	
cis-1,2-Dichloroethene	137	ug/L	1.0	0.42	1		05/14/13 22:44	156-59-2	
trans-1,2-Dichloroethene	0.75J	ug/L	1.0	0.37	1		05/14/13 22:44	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/14/13 22:44	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/14/13 22:44	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/14/13 22:44	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/14/13 22:44	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/14/13 22:44	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/14/13 22:44	87-68-3	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Sample: MW-31 Lab ID: 4077645012 Collected: 05/08/13 14:10 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/14/13 22:44	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/14/13 22:44	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/14/13 22:44	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/14/13 22:44	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:44	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/14/13 22:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/14/13 22:44	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/14/13 22:44	79-34-5	
Tetrachloroethene	2.6	ug/L	1.0	0.47	1		05/14/13 22:44	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/14/13 22:44	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/14/13 22:44	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:44	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 22:44	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/14/13 22:44	79-00-5	
Trichloroethene	2.6	ug/L	1.0	0.43	1		05/14/13 22:44	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/14/13 22:44	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/14/13 22:44	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/14/13 22:44	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 22:44	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/14/13 22:44	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/14/13 22:44	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/14/13 22:44	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99 %		43-137		1		05/14/13 22:44	460-00-4	
Dibromofluoromethane (S)	107 %		70-130		1		05/14/13 22:44	1868-53-7	
Toluene-d8 (S)	99 %		55-137		1		05/14/13 22:44	2037-26-5	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Sulfate	6.6	mg/L	4.0	2.0	1		05/20/13 17:10	14808-79-8	
<b>353.2 Nitrogen, NO2/NO3 pres.</b>		Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	0.44	mg/L	0.25	0.055	1		05/23/13 17:37		
<b>5310C TOC</b>		Analytical Method: SM 5310C							
Total Organic Carbon	3.6	mg/L	1.5	0.12	3		05/14/13 20:14	7440-44-0	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-3I (DUP) Lab ID: 4077645013 Collected: 05/08/13 14:10 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/14/13 23:06	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/14/13 23:06	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/14/13 23:06	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/14/13 23:06	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/14/13 23:06	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/14/13 23:06	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/14/13 23:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/14/13 23:06	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/14/13 23:06	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 23:06	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/14/13 23:06	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/14/13 23:06	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/14/13 23:06	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/14/13 23:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/14/13 23:06	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/14/13 23:06	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/14/13 23:06	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/14/13 23:06	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/14/13 23:06	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/14/13 23:06	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/14/13 23:06	75-35-4	
cis-1,2-Dichloroethene	139	ug/L	1.0	0.42	1		05/14/13 23:06	156-59-2	
trans-1,2-Dichloroethene	0.84J	ug/L	1.0	0.37	1		05/14/13 23:06	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/14/13 23:06	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/14/13 23:06	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/14/13 23:06	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/14/13 23:06	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/14/13 23:06	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/14/13 23:06	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/14/13 23:06	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/14/13 23:06	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/14/13 23:06	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/14/13 23:06	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/14/13 23:06	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/14/13 23:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/14/13 23:06	630-20-6	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-3I (DUP) Lab ID: 4077645013 Collected: 05/08/13 14:10 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/14/13 23:06	79-34-5	
Tetrachloroethene	2.9	ug/L	1.0	0.47	1		05/14/13 23:06	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/14/13 23:06	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/14/13 23:06	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 23:06	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/14/13 23:06	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/14/13 23:06	79-00-5	
Trichloroethene	2.9	ug/L	1.0	0.43	1		05/14/13 23:06	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/14/13 23:06	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/14/13 23:06	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/14/13 23:06	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/14/13 23:06	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/14/13 23:06	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/14/13 23:06	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/14/13 23:06	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	43-137		1		05/14/13 23:06	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		05/14/13 23:06	1868-53-7	
Toluene-d8 (S)	100	%	55-137		1		05/14/13 23:06	2037-26-5	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-3 Lab ID: 4077645014 Collected: 05/08/13 14:50 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b> Analytical Method: EPA 8015B Modified									
Ethane	48.6	ug/L	5.6	0.36	1		05/14/13 09:23	74-84-0	
Ethene	2.1J	ug/L	5.0	0.30	1		05/14/13 09:23	74-85-1	
Methane	318	ug/L	14.0	3.2	5		05/14/13 09:58	74-82-8	
<b>6010 MET ICP, Dissolved</b> Analytical Method: EPA 6010									
Iron, Dissolved	59.7J	ug/L	100	14.0	1		05/15/13 11:16	7439-89-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<500	ug/L	1000	500	1000		05/15/13 00:14	71-43-2	
Bromobenzene	<484	ug/L	1000	484	1000		05/15/13 00:14	108-86-1	
Bromochloromethane	<492	ug/L	1000	492	1000		05/15/13 00:14	74-97-5	
Bromodichloromethane	<453	ug/L	1000	453	1000		05/15/13 00:14	75-27-4	
Bromoform	<233	ug/L	1000	233	1000		05/15/13 00:14	75-25-2	
Bromomethane	<430	ug/L	5000	430	1000		05/15/13 00:14	74-83-9	
n-Butylbenzene	<400	ug/L	1000	400	1000		05/15/13 00:14	104-51-8	
sec-Butylbenzene	<605	ug/L	5000	605	1000		05/15/13 00:14	135-98-8	
tert-Butylbenzene	<424	ug/L	1000	424	1000		05/15/13 00:14	98-06-6	
Carbon tetrachloride	<365	ug/L	1000	365	1000		05/15/13 00:14	56-23-5	
Chlorobenzene	<358	ug/L	1000	358	1000		05/15/13 00:14	108-90-7	
Chloroethane	<444	ug/L	1000	444	1000		05/15/13 00:14	75-00-3	
Chloroform	<689	ug/L	5000	689	1000		05/15/13 00:14	67-66-3	
Chloromethane	<388	ug/L	1000	388	1000		05/15/13 00:14	74-87-3	
2-Chlorotoluene	<477	ug/L	1000	477	1000		05/15/13 00:14	95-49-8	
4-Chlorotoluene	<484	ug/L	1000	484	1000		05/15/13 00:14	106-43-4	
1,2-Dibromo-3-chloropropane	<1500	ug/L	5000	1500	1000		05/15/13 00:14	96-12-8	
Dibromochloromethane	<1900	ug/L	5000	1900	1000		05/15/13 00:14	124-48-1	
1,2-Dibromoethane (EDB)	<381	ug/L	1000	381	1000		05/15/13 00:14	106-93-4	
Dibromomethane	<480	ug/L	1000	480	1000		05/15/13 00:14	74-95-3	
1,2-Dichlorobenzene	<439	ug/L	1000	439	1000		05/15/13 00:14	95-50-1	
1,3-Dichlorobenzene	<451	ug/L	1000	451	1000		05/15/13 00:14	541-73-1	
1,4-Dichlorobenzene	<434	ug/L	1000	434	1000		05/15/13 00:14	106-46-7	
Dichlorodifluoromethane	<401	ug/L	1000	401	1000		05/15/13 00:14	75-71-8	
1,1-Dichloroethane	<285	ug/L	1000	285	1000		05/15/13 00:14	75-34-3	
1,2-Dichloroethane	<476	ug/L	1000	476	1000		05/15/13 00:14	107-06-2	
1,1-Dichloroethene	<427	ug/L	1000	427	1000		05/15/13 00:14	75-35-4	
cis-1,2-Dichloroethene	2730	ug/L	1000	419	1000		05/15/13 00:14	156-59-2	
trans-1,2-Dichloroethene	<371	ug/L	1000	371	1000		05/15/13 00:14	156-60-5	
1,2-Dichloropropane	<498	ug/L	1000	498	1000		05/15/13 00:14	78-87-5	
1,3-Dichloropropane	<463	ug/L	1000	463	1000		05/15/13 00:14	142-28-9	
2,2-Dichloropropane	<369	ug/L	1000	369	1000		05/15/13 00:14	594-20-7	
1,1-Dichloropropene	<507	ug/L	1000	507	1000		05/15/13 00:14	563-58-6	
cis-1,3-Dichloropropene	<290	ug/L	1000	290	1000		05/15/13 00:14	10061-01-5	
trans-1,3-Dichloropropene	<262	ug/L	1000	262	1000		05/15/13 00:14	10061-02-6	
Diisopropyl ether	<500	ug/L	1000	500	1000		05/15/13 00:14	108-20-3	
Ethylbenzene	<500	ug/L	1000	500	1000		05/15/13 00:14	100-41-4	
Hexachloro-1,3-butadiene	<1260	ug/L	5000	1260	1000		05/15/13 00:14	87-68-3	

Date: 05/24/2013 04:23 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: MW-3      Lab ID: 4077645014      Collected: 05/08/13 14:50      Received: 05/10/13 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<341	ug/L	1000	341	1000		05/15/13 00:14	98-82-8	
p-Isopropyltoluene	<397	ug/L	1000	397	1000		05/15/13 00:14	99-87-6	
Methylene Chloride	<359	ug/L	1000	359	1000		05/15/13 00:14	75-09-2	
Methyl-tert-butyl ether	<494	ug/L	1000	494	1000		05/15/13 00:14	1634-04-4	
Naphthalene	<2500	ug/L	5000	2500	1000		05/15/13 00:14	91-20-3	
n-Propylbenzene	<500	ug/L	1000	500	1000		05/15/13 00:14	103-65-1	
Styrene	<350	ug/L	1000	350	1000		05/15/13 00:14	100-42-5	
1,1,1,2-Tetrachloroethane	<450	ug/L	1000	450	1000		05/15/13 00:14	630-20-6	
1,1,2,2-Tetrachloroethane	<384	ug/L	1000	384	1000		05/15/13 00:14	79-34-5	
Tetrachloroethene	157000	ug/L	1000	472	1000		05/15/13 00:14	127-18-4	
Toluene	<439	ug/L	1000	439	1000		05/15/13 00:14	108-88-3	
1,2,3-Trichlorobenzene	<768	ug/L	5000	768	1000		05/15/13 00:14	87-61-6	
1,2,4-Trichlorobenzene	<2500	ug/L	5000	2500	1000		05/15/13 00:14	120-82-1	
1,1,1-Trichloroethane	<443	ug/L	1000	443	1000		05/15/13 00:14	71-55-6	
1,1,2-Trichloroethane	<390	ug/L	1000	390	1000		05/15/13 00:14	79-00-5	
Trichloroethene	1080	ug/L	1000	429	1000		05/15/13 00:14	79-01-6	
Trichlorofluoromethane	<477	ug/L	1000	477	1000		05/15/13 00:14	75-69-4	
1,2,3-Trichloropropane	<468	ug/L	1000	468	1000		05/15/13 00:14	96-18-4	
1,2,4-Trimethylbenzene	<572	ug/L	5000	572	1000		05/15/13 00:14	95-63-6	
1,3,5-Trimethylbenzene	<2500	ug/L	5000	2500	1000		05/15/13 00:14	108-67-8	
Vinyl chloride	<185	ug/L	1000	185	1000		05/15/13 00:14	75-01-4	
m&p-Xylene	<817	ug/L	2000	817	1000		05/15/13 00:14	179601-23-1	
o-Xylene	<500	ug/L	1000	500	1000		05/15/13 00:14	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	43-137		1000		05/15/13 00:14	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1000		05/15/13 00:14	1868-53-7	
Toluene-d8 (S)	100	%	55-137		1000		05/15/13 00:14	2037-26-5	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Sulfate	21.5	mg/L	4.0	2.0	1		05/20/13 17:18	14808-79-8	
<b>353.2 Nitrogen, NO2/NO3 pres.</b>		Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	0.74	mg/L	0.25	0.055	1		05/23/13 17:38		
<b>5310C TOC</b>		Analytical Method: SM 5310C							
Total Organic Carbon	16.8	mg/L	15.0	1.2	30		05/14/13 20:32	7440-44-0	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: TB Lab ID: 4077645015 Collected: 05/08/13 14:50 Received: 05/10/13 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		05/15/13 13:05	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		05/15/13 13:05	75-27-4	
Bromoform	<0.23	ug/L	1.0	0.23	1		05/15/13 13:05	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		05/15/13 13:05	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		05/15/13 13:05	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		05/15/13 13:05	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/15/13 13:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/15/13 13:05	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		05/15/13 13:05	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		05/15/13 13:05	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		05/15/13 13:05	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		05/15/13 13:05	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		05/15/13 13:05	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		05/15/13 13:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		05/15/13 13:05	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		05/15/13 13:05	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		05/15/13 13:05	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		05/15/13 13:05	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		05/15/13 13:05	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/15/13 13:05	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		05/15/13 13:05	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		05/15/13 13:05	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		05/15/13 13:05	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		05/15/13 13:05	142-28-9	
2,2-Dichloropropane	<0.37	ug/L	1.0	0.37	1		05/15/13 13:05	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		05/15/13 13:05	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		05/15/13 13:05	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		05/15/13 13:05	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		05/15/13 13:05	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		05/15/13 13:05	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		05/15/13 13:05	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		05/15/13 13:05	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		05/15/13 13:05	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/15/13 13:05	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		05/15/13 13:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		05/15/13 13:05	630-20-6	

### ANALYTICAL RESULTS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Sample: TB	Lab ID: 4077645015	Collected: 05/08/13 14:50	Received: 05/10/13 08:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/15/13 13:05	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		05/15/13 13:05	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		05/15/13 13:05	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		05/15/13 13:05	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		05/15/13 13:05	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		05/15/13 13:05	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		05/15/13 13:05	79-00-5	
Trichloroethene	<0.43	ug/L	1.0	0.43	1		05/15/13 13:05	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		05/15/13 13:05	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		05/15/13 13:05	96-18-4	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		05/15/13 13:05	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		05/15/13 13:05	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/15/13 13:05	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		05/15/13 13:05	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/15/13 13:05	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97 %		43-137		1		05/15/13 13:05	460-00-4	
Dibromofluoromethane (S)	103 %		70-130		1		05/15/13 13:05	1868-53-7	
Toluene-d8 (S)	97 %		55-137		1		05/15/13 13:05	2037-26-5	

**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: GCV10230 Analysis Method: EPA 8015B Modified  
QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

METHOD BLANK: 788714 Matrix: Water  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.36	5.6	05/14/13 08:24	
Ethene	ug/L	<0.30	5.0	05/14/13 08:24	
Methane	ug/L	<0.64	2.8	05/14/13 08:24	

LABORATORY CONTROL SAMPLE & LCSD: 788715 788716

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	56.2	56.2	57.0	100	101	76-120	1	20	
Ethene	ug/L	50.5	51.6	52.1	102	103	74-120	1	20	
Methane	ug/L	28.6	28.1	28.5	98	100	77-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 788800 788801

Parameter	Units	4077211003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.36	56.2	56.2	55.7	51.4	99	91	76-120	8	20	
Ethene	ug/L	<0.30	50.5	50.5	51.7	47.8	102	95	73-120	8	20	
Methane	ug/L	<0.64	28.6	28.6	28.2	25.9	99	91	63-129	9	20	

**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: ICP/7517 Analysis Method: EPA 6010  
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

METHOD BLANK: 789008 Matrix: Water  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<14.0	100	05/14/13 13:23	

LABORATORY CONTROL SAMPLE: 789009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	5040	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 789010 789011

Parameter	Units	789010		789011		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		4077496001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
Iron, Dissolved	ug/L	17200	5000	5000	22000	21900	95	94	75-125	0 20

### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

QC Batch: MSV/19546 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 4077645001, 4077645002, 4077645003, 4077645004, 4077645005, 4077645006, 4077645007, 4077645008, 4077645009, 4077645010

METHOD BLANK: 788300 Matrix: Water  
 Associated Lab Samples: 4077645001, 4077645002, 4077645003, 4077645004, 4077645005, 4077645006, 4077645007, 4077645008, 4077645009, 4077645010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	05/13/13 07:22	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	05/13/13 07:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	05/13/13 07:22	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	05/13/13 07:22	
1,1-Dichloroethane	ug/L	<0.28	1.0	05/13/13 07:22	
1,1-Dichloroethene	ug/L	<0.43	1.0	05/13/13 07:22	
1,1-Dichloropropene	ug/L	<0.51	1.0	05/13/13 07:22	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	05/13/13 07:22	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	05/13/13 07:22	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	05/13/13 07:22	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	05/13/13 07:22	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	05/13/13 07:22	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	05/13/13 07:22	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	05/13/13 07:22	
1,2-Dichloroethane	ug/L	<0.48	1.0	05/13/13 07:22	
1,2-Dichloropropane	ug/L	<0.50	1.0	05/13/13 07:22	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	05/13/13 07:22	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	05/13/13 07:22	
1,3-Dichloropropane	ug/L	<0.46	1.0	05/13/13 07:22	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	05/13/13 07:22	
2,2-Dichloropropane	ug/L	<0.37	1.0	05/13/13 07:22	
2-Chlorotoluene	ug/L	<0.48	1.0	05/13/13 07:22	
4-Chlorotoluene	ug/L	<0.48	1.0	05/13/13 07:22	
Benzene	ug/L	<0.50	1.0	05/13/13 07:22	
Bromobenzene	ug/L	<0.48	1.0	05/13/13 07:22	
Bromochloromethane	ug/L	<0.49	1.0	05/13/13 07:22	
Bromodichloromethane	ug/L	<0.45	1.0	05/13/13 07:22	
Bromoform	ug/L	<0.23	1.0	05/13/13 07:22	
Bromomethane	ug/L	<0.43	5.0	05/13/13 07:22	
Carbon tetrachloride	ug/L	<0.37	1.0	05/13/13 07:22	
Chlorobenzene	ug/L	<0.36	1.0	05/13/13 07:22	
Chloroethane	ug/L	<0.44	1.0	05/13/13 07:22	
Chloroform	ug/L	<0.69	5.0	05/13/13 07:22	
Chloromethane	ug/L	<0.39	1.0	05/13/13 07:22	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	05/13/13 07:22	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	05/13/13 07:22	
Dibromochloromethane	ug/L	<1.9	5.0	05/13/13 07:22	
Dibromomethane	ug/L	<0.48	1.0	05/13/13 07:22	
Dichlorodifluoromethane	ug/L	<0.40	1.0	05/13/13 07:22	
Diisopropyl ether	ug/L	<0.50	1.0	05/13/13 07:22	
Ethylbenzene	ug/L	<0.50	1.0	05/13/13 07:22	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

METHOD BLANK: 788300 Matrix: Water  
Associated Lab Samples: 4077645001, 4077645002, 4077645003, 4077645004, 4077645005, 4077645006, 4077645007, 4077645008, 4077645009, 4077645010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	05/13/13 07:22	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	05/13/13 07:22	
m&p-Xylene	ug/L	<0.82	2.0	05/13/13 07:22	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	05/13/13 07:22	
Methylene Chloride	ug/L	<0.36	1.0	05/13/13 07:22	
n-Butylbenzene	ug/L	<0.40	1.0	05/13/13 07:22	
n-Propylbenzene	ug/L	<0.50	1.0	05/13/13 07:22	
Naphthalene	ug/L	<2.5	5.0	05/13/13 07:22	
o-Xylene	ug/L	<0.50	1.0	05/13/13 07:22	
p-Isopropyltoluene	ug/L	<0.40	1.0	05/13/13 07:22	
sec-Butylbenzene	ug/L	<0.60	5.0	05/13/13 07:22	
Styrene	ug/L	<0.35	1.0	05/13/13 07:22	
tert-Butylbenzene	ug/L	<0.42	1.0	05/13/13 07:22	
Tetrachloroethene	ug/L	<0.47	1.0	05/13/13 07:22	
Toluene	ug/L	<0.44	1.0	05/13/13 07:22	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	05/13/13 07:22	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	05/13/13 07:22	
Trichloroethene	ug/L	<0.43	1.0	05/13/13 07:22	
Trichlorofluoromethane	ug/L	<0.48	1.0	05/13/13 07:22	
Vinyl chloride	ug/L	<0.18	1.0	05/13/13 07:22	
4-Bromofluorobenzene (S)	%	101	43-137	05/13/13 07:22	
Dibromofluoromethane (S)	%	106	70-130	05/13/13 07:22	
Toluene-d8 (S)	%	100	55-137	05/13/13 07:22	

LABORATORY CONTROL SAMPLE & LCSD: 788301

788302

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.1	56.7	118	113	70-136	4	20	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	51.2	105	102	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	51.0	48.7	102	97	70-130	5	20	
1,1-Dichloroethane	ug/L	50	53.9	51.8	108	104	70-146	4	20	
1,1-Dichloroethene	ug/L	50	51.6	49.6	103	99	70-130	4	20	
1,2,4-Trichlorobenzene	ug/L	50	48.5	49.7	97	99	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	56.8	108	114	46-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	52.2	109	104	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	50.6	50.7	101	101	70-130	0	20	
1,2-Dichloroethane	ug/L	50	56.8	57.1	114	114	70-144	1	20	
1,2-Dichloropropane	ug/L	50	51.3	50.4	103	101	70-136	2	20	
1,3-Dichlorobenzene	ug/L	50	49.9	48.3	100	97	70-130	3	20	
1,4-Dichlorobenzene	ug/L	50	50.0	49.3	100	99	70-130	1	20	
Benzene	ug/L	50	51.9	51.1	104	102	70-137	2	20	
Bromodichloromethane	ug/L	50	58.5	55.6	117	111	70-133	5	20	
Bromoform	ug/L	50	55.6	54.3	111	109	59-130	2	20	
Bromomethane	ug/L	50	39.2	40.7	78	81	41-148	4	20	

**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

LABORATORY CONTROL SAMPLE & LCSD:		788301		788302							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Carbon tetrachloride	ug/L	50	62.5	61.9	125	124	70-154	1	20		
Chlorobenzene	ug/L	50	51.7	49.8	103	100	70-130	4	20		
Chloroethane	ug/L	50	48.5	48.3	97	97	70-139	0	20		
Chloroform	ug/L	50	54.3	54.1	109	108	70-130	0	20		
Chloromethane	ug/L	50	51.4	49.9	103	100	45-154	3	20		
cis-1,2-Dichloroethene	ug/L	50	49.4	49.5	99	99	70-130	0	20		
cis-1,3-Dichloropropene	ug/L	50	51.1	48.9	102	98	70-136	4	20		
Dibromochloromethane	ug/L	50	55.7	55.2	111	110	70-130	1	20		
Dichlorodifluoromethane	ug/L	50	52.5	49.8	105	100	20-157	5	20		
Ethylbenzene	ug/L	50	52.0	51.2	104	102	70-130	1	20		
Isopropylbenzene (Cumene)	ug/L	50	54.3	52.7	109	105	70-130	3	20		
m&p-Xylene	ug/L	100	105	102	105	102	70-130	3	20		
Methyl-tert-butyl ether	ug/L	50	50.8	50.2	102	100	59-141	1	20		
Methylene Chloride	ug/L	50	48.1	48.4	96	97	70-130	1	20		
o-Xylene	ug/L	50	53.5	51.3	107	103	70-130	4	20		
Styrene	ug/L	50	52.4	50.5	105	101	70-130	4	20		
Tetrachloroethene	ug/L	50	51.0	49.4	102	99	70-130	3	20		
Toluene	ug/L	50	51.0	49.8	102	100	70-130	2	20		
trans-1,2-Dichloroethene	ug/L	50	52.1	50.0	104	100	70-130	4	20		
trans-1,3-Dichloropropene	ug/L	50	56.4	56.3	113	113	55-135	0	20		
Trichloroethene	ug/L	50	55.0	53.3	110	107	70-130	3	20		
Trichlorofluoromethane	ug/L	50	60.5	60.2	121	120	50-150	1	20		
Vinyl chloride	ug/L	50	52.7	50.6	105	101	61-143	4	20		
4-Bromofluorobenzene (S)	%				102	101	43-137				
Dibromofluoromethane (S)	%				107	108	70-130				
Toluene-d8 (S)	%				98	98	55-137				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		788348		788349							
Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		4077633001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.44	50	50	56.2	58.8	112	118	70-136	5	20
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.6	51.1	101	102	70-130	1	20
1,1,2-Trichloroethane	ug/L	<0.39	50	50	48.7	51.9	97	104	70-130	6	20
1,1-Dichloroethane	ug/L	<0.28	50	50	51.7	54.5	103	109	70-146	5	20
1,1-Dichloroethene	ug/L	<0.43	50	50	50.0	53.6	100	107	70-130	7	20
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	47.5	50.3	95	101	70-130	6	20
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	51.7	50.0	103	100	46-150	3	20
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	50.8	54.4	102	109	70-130	7	20
1,2-Dichlorobenzene	ug/L	<0.44	50	50	50.2	52.2	100	104	70-130	4	20
1,2-Dichloroethane	ug/L	<0.48	50	50	54.8	56.7	110	113	70-146	3	20
1,2-Dichloropropane	ug/L	<0.50	50	50	48.9	54.8	98	110	70-136	11	20
1,3-Dichlorobenzene	ug/L	<0.45	50	50	49.9	50.4	100	101	70-130	1	20
1,4-Dichlorobenzene	ug/L	<0.43	50	50	49.6	51.5	99	103	70-130	4	20
Benzene	ug/L	<0.50	50	50	51.3	52.9	103	106	70-137	3	20
Bromodichloromethane	ug/L	<0.45	50	50	55.2	58.5	110	117	70-133	6	20
Bromoform	ug/L	<0.23	50	50	53.3	55.5	107	111	57-130	4	20

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**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER

Pace Project No.: 4077645

Parameter	4077633001		MS	MSD	788348		788349		% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Bromomethane	ug/L	<0.43	50	50	41.4	41.0	83	82	41-148	1	20			
Carbon tetrachloride	ug/L	<0.37	50	50	60.9	65.1	122	130	70-154	7	20			
Chlorobenzene	ug/L	<0.36	50	50	50.2	53.7	100	107	70-130	7	20			
Chloroethane	ug/L	<0.44	50	50	48.2	50.8	96	102	70-140	5	20			
Chloroform	ug/L	<0.69	50	50	52.5	54.6	105	109	70-130	4	20			
Chloromethane	ug/L	<0.39	50	50	50.1	53.4	100	107	45-154	6	20			
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	49.4	51.1	99	102	70-130	3	20			
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	49.1	52.2	98	104	70-136	6	20			
Dibromochloromethane	ug/L	<1.9	50	50	55.3	58.8	111	118	70-130	6	20			
Dichlorodifluoromethane	ug/L	<0.40	50	50	47.5	49.5	95	99	10-157	4	20			
Ethylbenzene	ug/L	<0.50	50	50	50.5	53.8	101	108	70-130	6	20			
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	52.2	56.2	104	112	70-130	7	20			
m&p-Xylene	ug/L	<0.82	100	100	102	109	102	109	70-130	7	20			
Methyl-tert-butyl ether	ug/L	<0.49	50	50	49.2	50.1	98	100	59-141	2	20			
Methylene Chloride	ug/L	<0.36	50	50	48.6	50.6	97	101	70-130	4	20			
o-Xylene	ug/L	<0.50	50	50	50.9	54.1	102	108	70-130	6	20			
Styrene	ug/L	<0.35	50	50	50.4	53.5	101	107	35-164	6	20			
Tetrachloroethene	ug/L	<0.47	50	50	49.1	53.9	98	108	70-130	9	20			
Toluene	ug/L	<0.44	50	50	50.3	54.1	101	108	70-130	7	20			
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	48.9	52.7	98	105	70-130	8	20			
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	54.0	58.6	108	117	55-137	8	20			
Trichloroethene	ug/L	<0.43	50	50	52.5	55.6	105	111	70-130	6	20			
Trichlorofluoromethane	ug/L	<0.48	50	50	59.1	61.3	118	123	50-150	4	20			
Vinyl chloride	ug/L	<0.18	50	50	48.3	51.1	97	102	59-144	6	20			
4-Bromofluorobenzene (S)	%						101	105	43-137					
Dibromofluoromethane (S)	%						107	107	70-130					
Toluene-d8 (S)	%						97	103	55-137					

### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: MSV/19547 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 4077645011, 4077645012, 4077645013, 4077645014, 4077645015

METHOD BLANK: 788379 Matrix: Water  
Associated Lab Samples: 4077645011, 4077645012, 4077645013, 4077645014, 4077645015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	05/14/13 15:16	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	05/14/13 15:16	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	05/14/13 15:16	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	05/14/13 15:16	
1,1-Dichloroethane	ug/L	<0.28	1.0	05/14/13 15:16	
1,1-Dichloroethene	ug/L	<0.43	1.0	05/14/13 15:16	
1,1-Dichloropropene	ug/L	<0.51	1.0	05/14/13 15:16	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	05/14/13 15:16	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	05/14/13 15:16	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	05/14/13 15:16	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	05/14/13 15:16	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	05/14/13 15:16	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	05/14/13 15:16	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	05/14/13 15:16	
1,2-Dichloroethane	ug/L	<0.48	1.0	05/14/13 15:16	
1,2-Dichloropropane	ug/L	<0.50	1.0	05/14/13 15:16	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	05/14/13 15:16	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	05/14/13 15:16	
1,3-Dichloropropane	ug/L	<0.46	1.0	05/14/13 15:16	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	05/14/13 15:16	
2,2-Dichloropropane	ug/L	<0.37	1.0	05/14/13 15:16	
2-Chlorotoluene	ug/L	<0.48	1.0	05/14/13 15:16	
4-Chlorotoluene	ug/L	<0.48	1.0	05/14/13 15:16	
Benzene	ug/L	<0.50	1.0	05/14/13 15:16	
Bromobenzene	ug/L	<0.48	1.0	05/14/13 15:16	
Bromochloromethane	ug/L	<0.49	1.0	05/14/13 15:16	
Bromodichloromethane	ug/L	<0.45	1.0	05/14/13 15:16	
Bromoform	ug/L	<0.23	1.0	05/14/13 15:16	
Bromomethane	ug/L	<0.43	5.0	05/14/13 15:16	
Carbon tetrachloride	ug/L	<0.37	1.0	05/14/13 15:16	
Chlorobenzene	ug/L	<0.36	1.0	05/14/13 15:16	
Chloroethane	ug/L	<0.44	1.0	05/14/13 15:16	
Chloroform	ug/L	<0.69	5.0	05/14/13 15:16	
Chloromethane	ug/L	<0.39	1.0	05/14/13 15:16	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	05/14/13 15:16	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	05/14/13 15:16	
Dibromochloromethane	ug/L	<1.9	5.0	05/14/13 15:16	
Dibromomethane	ug/L	<0.48	1.0	05/14/13 15:16	
Dichlorodifluoromethane	ug/L	<0.40	1.0	05/14/13 15:16	
Diisopropyl ether	ug/L	<0.50	1.0	05/14/13 15:16	
Ethylbenzene	ug/L	<0.50	1.0	05/14/13 15:16	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	05/14/13 15:16	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	05/14/13 15:16	

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### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

METHOD BLANK: 788379 Matrix: Water  
Associated Lab Samples: 4077645011, 4077645012, 4077645013, 4077645014, 4077645015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	05/14/13 15:16	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	05/14/13 15:16	
Methylene Chloride	ug/L	<0.36	1.0	05/14/13 15:16	
n-Butylbenzene	ug/L	<0.40	1.0	05/14/13 15:16	
n-Propylbenzene	ug/L	<0.50	1.0	05/14/13 15:16	
Naphthalene	ug/L	<2.5	5.0	05/14/13 15:16	
o-Xylene	ug/L	<0.50	1.0	05/14/13 15:16	
p-Isopropyltoluene	ug/L	<0.40	1.0	05/14/13 15:16	
sec-Butylbenzene	ug/L	<0.60	5.0	05/14/13 15:16	
Styrene	ug/L	<0.35	1.0	05/14/13 15:16	
tert-Butylbenzene	ug/L	<0.42	1.0	05/14/13 15:16	
Tetrachloroethene	ug/L	<0.47	1.0	05/14/13 15:16	
Toluene	ug/L	<0.44	1.0	05/14/13 15:16	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	05/14/13 15:16	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	05/14/13 15:16	
Trichloroethene	ug/L	<0.43	1.0	05/14/13 15:16	
Trichlorofluoromethane	ug/L	<0.48	1.0	05/14/13 15:16	
Vinyl chloride	ug/L	<0.18	1.0	05/14/13 15:16	
4-Bromofluorobenzene (S)	%	99	43-137	05/14/13 15:16	
Dibromofluoromethane (S)	%	105	70-130	05/14/13 15:16	
Toluene-d8 (S)	%	99	55-137	05/14/13 15:16	

LABORATORY CONTROL SAMPLE & LCS: 788380

788381

Parameter	Units	Spike Conc.	LCS Result	LCS Result	LCS % Rec	LCS % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.5	55.7	113	111	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	49.7	49.8	99	100	70-130	0	20	
1,1,2-Trichloroethane	ug/L	50	50.0	50.3	100	101	70-130	1	20	
1,1-Dichloroethane	ug/L	50	52.7	51.8	105	104	70-146	2	20	
1,1-Dichloroethene	ug/L	50	50.1	49.2	100	98	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	49.3	49.1	99	98	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	50	51.1	50.7	102	101	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	51.9	102	104	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	50.3	50.4	101	101	70-130	0	20	
1,2-Dichloroethane	ug/L	50	56.1	56.3	112	113	70-144	0	20	
1,2-Dichloropropane	ug/L	50	51.1	49.6	102	99	70-136	3	20	
1,3-Dichlorobenzene	ug/L	50	49.7	49.0	99	98	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	49.8	50.1	100	100	70-130	1	20	
Benzene	ug/L	50	52.1	50.5	104	101	70-137	3	20	
Bromodichloromethane	ug/L	50	55.7	55.7	111	111	70-133	0	20	
Bromoform	ug/L	50	48.8	51.4	98	103	59-130	5	20	
Bromomethane	ug/L	50	28.4	31.3	57	63	41-148	10	20	
Carbon tetrachloride	ug/L	50	60.3	59.5	121	119	70-154	1	20	
Chlorobenzene	ug/L	50	50.9	51.3	102	103	70-130	1	20	
Chloroethane	ug/L	50	45.9	45.6	92	91	70-139	1	20	

Date: 05/24/2013 04:23 PM

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

LABORATORY CONTROL SAMPLE & LCSD: 788380		788381								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	54.8	54.3	110	109	70-130	1	20	
Chloromethane	ug/L	50	38.1	38.1	76	76	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	50	50.3	49.8	101	100	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	48.7	48.1	97	96	70-136	1	20	
Dibromochloromethane	ug/L	50	52.6	54.6	105	109	70-130	4	20	
Dichlorodifluoromethane	ug/L	50	32.4	32.0	65	64	20-157	1	20	
Ethylbenzene	ug/L	50	51.2	52.5	102	105	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	50	52.7	53.5	105	107	70-130	2	20	
m&p-Xylene	ug/L	100	105	105	105	105	70-130	0	20	
Methyl-tert-butyl ether	ug/L	50	48.9	49.8	98	100	59-141	2	20	
Methylene Chloride	ug/L	50	49.4	47.0	99	94	70-130	5	20	
o-Xylene	ug/L	50	51.9	52.6	104	105	70-130	1	20	
Styrene	ug/L	50	50.0	52.0	100	104	70-130	4	20	
Tetrachloroethene	ug/L	50	49.8	49.7	100	99	70-130	0	20	
Toluene	ug/L	50	51.0	51.5	102	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	50.7	49.6	101	99	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	52.2	53.3	104	107	55-135	2	20	
Trichloroethene	ug/L	50	53.0	52.7	106	105	70-130	1	20	
Trichlorofluoromethane	ug/L	50	56.0	56.2	112	112	50-150	0	20	
Vinyl chloride	ug/L	50	42.1	41.7	84	83	61-143	1	20	
4-Bromofluorobenzene (S)	%				101	104	43-137			
Dibromofluoromethane (S)	%				107	106	70-130			
Toluene-d8 (S)	%				98	99	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 788469		788470											
Parameter	Units	4077697002		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		1,1,1-Trichloroethane	ug/L	<0.44	50	50	56.0	58.4	112	117	70-136	4	20
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.2	52.5	106	105	70-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.39	50	50	51.8	52.3	104	105	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.28	50	50	52.6	53.4	105	107	70-146	2	20		
1,1-Dichloroethene	ug/L	<0.43	50	50	48.9	50.0	98	100	70-130	2	20		
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	51.4	50.1	103	100	70-130	3	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	50.8	53.1	102	106	46-150	5	20		
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	53.7	53.7	107	107	70-130	0	20		
1,2-Dichlorobenzene	ug/L	<0.44	50	50	52.4	49.6	105	99	70-130	6	20		
1,2-Dichloroethane	ug/L	<0.48	50	50	55.9	59.5	112	119	70-146	6	20		
1,2-Dichloropropane	ug/L	<0.50	50	50	50.8	50.7	102	101	70-136	0	20		
1,3-Dichlorobenzene	ug/L	<0.45	50	50	51.0	49.9	102	100	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.43	50	50	51.4	50.1	103	100	70-130	2	20		
Benzene	ug/L	<0.50	50	50	51.9	52.8	104	106	70-137	2	20		
Bromodichloromethane	ug/L	<0.45	50	50	55.8	56.9	112	114	70-133	2	20		
Bromoform	ug/L	<0.23	50	50	51.4	53.5	103	107	57-130	4	20		
Bromomethane	ug/L	<0.43	50	50	32.8	34.7	66	69	41-148	6	20		
Carbon tetrachloride	ug/L	<0.37	50	50	59.3	62.1	119	124	70-154	5	20		
Chlorobenzene	ug/L	<0.36	50	50	52.3	52.1	105	104	70-130	0	20		

Date: 05/24/2013 04:23 PM

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Parameter	4077697002		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
Chloroethane	ug/L	<0.44	50	50	45.0	51.9	90	104	70-140	14	20				
Chloroform	ug/L	<0.69	50	50	53.8	55.5	108	111	70-130	3	20				
Chloromethane	ug/L	<0.39	50	50	37.7	39.4	75	79	45-154	4	20				
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	49.9	50.1	100	100	70-130	0	20				
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	48.6	48.5	97	97	70-136	0	20				
Dibromochloromethane	ug/L	<1.9	50	50	53.9	54.9	108	110	70-130	2	20				
Dichlorodifluoromethane	ug/L	<0.40	50	50	30.0	31.4	60	63	10-157	4	20				
Ethylbenzene	ug/L	<0.50	50	50	52.4	53.2	105	106	70-130	1	20				
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	53.7	55.3	107	111	70-130	3	20				
m&p-Xylene	ug/L	<0.82	100	100	105	107	105	107	70-130	2	20				
Methyl-tert-butyl ether	ug/L	<0.49	50	50	49.1	50.8	98	102	59-141	3	20				
Methylene Chloride	ug/L	<0.36	50	50	47.9	52.2	96	104	70-130	9	20				
o-Xylene	ug/L	<0.50	50	50	52.8	54.2	106	108	70-130	3	20				
Styrene	ug/L	<0.35	50	50	51.3	52.4	103	105	35-164	2	20				
Tetrachloroethene	ug/L	<0.47	50	50	50.7	50.7	101	101	70-130	0	20				
Toluene	ug/L	<0.44	50	50	52.3	52.8	105	106	70-130	1	20				
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	51.2	51.6	102	103	70-130	1	20				
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	54.6	55.2	109	110	55-137	1	20				
Trichloroethene	ug/L	<0.43	50	50	54.7	54.3	109	109	70-130	1	20				
Trichlorofluoromethane	ug/L	<0.48	50	50	56.3	57.7	113	115	50-150	2	20				
Vinyl chloride	ug/L	<0.18	50	50	42.7	43.1	85	86	59-144	1	20				
4-Bromofluorobenzene (S)	%						102	103	43-137						
Dibromofluoromethane (S)	%						106	106	70-130						
Toluene-d8 (S)	%						100	98	55-137						

### QUALITY CONTROL DATA

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: WETA/17656 Analysis Method: EPA 300.0  
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

METHOD BLANK: 792796 Matrix: Water  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<2.0	4.0	05/20/13 13:53	

LABORATORY CONTROL SAMPLE: 792797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	18.9	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 792798 792799

Parameter	Units	4077575001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Sulfate	mg/L	155	200	200	344	343	95	94	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 792800 792801

Parameter	Units	4077581001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Sulfate	mg/L	112	400	400	472	477	90	91	90-110	1	20	

**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: WETA/17672 Analysis Method: EPA 353.2  
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

METHOD BLANK: 793147 Matrix: Water  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.055	0.25	05/23/13 17:31	

LABORATORY CONTROL SAMPLE: 793148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 793149 793150

Parameter	Units	4077613005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrogen, NO2 plus NO3	mg/L	6.1	2.5	2.5	8.5	8.5	95	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 793151 793152

Parameter	Units	4077921011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrogen, NO2 plus NO3	mg/L	0.11J	2.5	2.5	2.3	2.5	88	97	90-110	10	20 M0	

**QUALITY CONTROL DATA**

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

QC Batch: WETA/17556 Analysis Method: SM 5310C  
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

METHOD BLANK: 788717 Matrix: Water  
Associated Lab Samples: 4077645010, 4077645011, 4077645012, 4077645014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.041	0.50	05/14/13 18:24	

LABORATORY CONTROL SAMPLE: 788718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 788719 788720

Parameter	Units	4077645010		788720		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
Total Organic Carbon	mg/L	7.5	15	15	23.3	24.5	105	113	80-120	5 20



## QUALIFIERS

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60220723 FORMER GARRYS CLEANER  
Pace Project No.: 4077645

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4077645010	MW-3D	EPA 8015B Modified	GCV/10230		
4077645011	KFC-2	EPA 8015B Modified	GCV/10230		
4077645012	MW-3I	EPA 8015B Modified	GCV/10230		
4077645014	MW-3	EPA 8015B Modified	GCV/10230		
4077645010	MW-3D	EPA 6010	ICP/7517		
4077645011	KFC-2	EPA 6010	ICP/7517		
4077645012	MW-3I	EPA 6010	ICP/7517		
4077645014	MW-3	EPA 6010	ICP/7517		
4077645001	MW-1	EPA 8260	MSV/19546		
4077645002	MW-2	EPA 8260	MSV/19546		
4077645003	KFC-5I	EPA 8260	MSV/19546		
4077645004	KFC-5	EPA 8260	MSV/19546		
4077645005	KFC-1	EPA 8260	MSV/19546		
4077645006	KFC-4	EPA 8260	MSV/19546		
4077645007	KFC-4I	EPA 8260	MSV/19546		
4077645008	KFC-6	EPA 8260	MSV/19546		
4077645009	MW-3D2	EPA 8260	MSV/19546		
4077645010	MW-3D	EPA 8260	MSV/19546		
4077645011	KFC-2	EPA 8260	MSV/19547		
4077645012	MW-3I	EPA 8260	MSV/19547		
4077645013	MW-3I (DUP)	EPA 8260	MSV/19547		
4077645014	MW-3	EPA 8260	MSV/19547		
4077645015	TB	EPA 8260	MSV/19547		
4077645010	MW-3D	EPA 300.0	WETA/17656		
4077645011	KFC-2	EPA 300.0	WETA/17656		
4077645012	MW-3I	EPA 300.0	WETA/17656		
4077645014	MW-3	EPA 300.0	WETA/17656		
4077645010	MW-3D	EPA 353.2	WETA/17672		
4077645011	KFC-2	EPA 353.2	WETA/17672		
4077645012	MW-3I	EPA 353.2	WETA/17672		
4077645014	MW-3	EPA 353.2	WETA/17672		
4077645010	MW-3D	SM 5310C	WETA/17556		
4077645011	KFC-2	SM 5310C	WETA/17556		
4077645012	MW-3I	SM 5310C	WETA/17556		
4077645014	MW-3	SM 5310C	WETA/17556		

(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

MN: 612-607-1700 WI: 920-469-2436



# CHAIN OF CUSTODY

\*Preservation Codes  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Company Name: **AECOM**  
 Branch/Location: **MILWAUKEE**  
 Project Contact: **RIC MAZ**  
 Phone: **414-944-6174**  
 Project Number: **60220723**  
 Project Name: **FORMER GARRYS CLEANERS**  
 Project State: **WI**  
 Sampled By (Print): **CHRIS PETERS**  
 Sampled By (Sign): *Chris Peters*  
 PO #:  
 Regulatory Program:

Quote #:  
 Mail To Contact: **RIC MAZ**  
 Mail To Company: **AECOM**  
 Mail To Address: **1555 N. RIVERCENTER DR  
 STE 214  
 MILWAUKEE, WI 53212**  
 Invoice To Contact: **SAA**  
 Invoice To Company: **SAA**  
 Invoice To Address: **SAA**  
 Invoice To Phone: **414-944-6174**  
 CLIENT COMMENTS  
 LAB COMMENTS (Lab Use Only)  
 Profile #

Data Package Options (billable)  
 EPA Level III  
 EPA Level IV  
 MS/MSD  
 On your sample (billable)  
 NOT needed on your sample  
 Matrix Codes  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested	Preservation Codes											
		DATE	TIME					A	B	C	D	E	F	G	H	I	J		
001	MW-1	5/7	1205	GW			VOCS (8260B)												
002	MW-2		1255																
003	KFC-5I		1455																
004	KFC-5		1530																
005	KFC-1		1615																
006	KFC-4		1700																
007	KFC-4I		1730																
008	KFC-6	5/8	930																
009	KFC-3DZ		1040																
010	KFC-3D		1135																
011	KFC-2		1300																
012/013	KFC-3I + KFC-3I (DP)		1410																
014	KFC-3		1450																

Diss. Fe  
 Samples are field filtered  
 KFC-3I has duplicate VOCs sample  
 Trip Blank + 1-125ml<sup>B</sup> 3-25ml<sup>ACD</sup>  
 Included  
 1/3-40ml<sup>B</sup>

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed:  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1:  
 Email #2:  
 Telephone:  
 Fax:  
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *Chris Peters* Date/Time: 5/9/13 10:30  
 Relinquished By: *Walter* Date/Time: 5/10/13 0845  
 Relinquished By: Date/Time:  
 Relinquished By: Date/Time:

Received By: Date/Time:  
 Received By: *Walter* Date/Time: 5/10/13 0845  
 Received By: Date/Time:  
 Received By: Date/Time:

PAGE Project No. **4071645**  
 Receipt Temp = **201 °C**  
 Sample Receipt pH **OK Adjusted**  
 Cooler Custody Seal Present / Not Present **Intact / Not Intact**

012/013 KFC-3I + KFC-3I (DP) 2-40ml<sup>B</sup> \*TB added to COC by lab 5/10/13

**Kang Khang - Problem with Chain of Custody I sent yesterday**

4077645

---

**From:** "Peters, Chris" <Chris.Peters@aecom.com>  
**To:** Kang Khang <Kang.Khang@pacelabs.com>  
**Date:** 5/10/2013 11:14 AM  
**Subject:** Problem with Chain of Custody I sent yesterday

---

Hi Kang,  
I sent that cooler yesterday for the former Garry's Cleaner site. I looked at the chain of custody and realized that I mis-marked 4 of the wells.

KFC-3D2 should be MW-3D2  
KFC-3D should be MW-3D  
KFC-3I should be MW-3I; KFC-3I (DUP) should be MW-3I (DUP)  
KFC-3 should be MW-3

The sample containers should be marked correctly (hopefully). In general there is no KFC-3 set of wells out there. They are actually MW-3 wells so it shouldn't confuse things too much.

If there are any questions please contact me using the information below.

Thanks,  
Chris

**Chris Peters, EIT, ENV SP**

D 715.342.3025

\*Please note my new cell phone number.

C 608.778.7456

[chris.peters@aecom.com](mailto:chris.peters@aecom.com)

**AECOM**

200 Indiana Avenue

Stevens Point, WI 54481

T 715.341.8110

F 715.341.7390

[www.aecom.com](http://www.aecom.com)

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Client Name: Aecom

Project # 4077645

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace

Other WATCO

Tracking #: 340782

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used NA Type of Ice:  Wet  Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: ROI Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no  no

Person examining contents:

Date: 5/10/13

Initials: DA

Temp should be above freezing to 6°C for all sample except Biota.

Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. -006 time on label 1705 -008 labeled as KFC-4 matched by date -009 labeled as MW-3D matched by date & time
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> HNO3 <input checked="" type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct DB 51
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: <input checked="" type="checkbox"/> VOA, coliform, <input checked="" type="checkbox"/> TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>DA</u> Lab Std #ID of preservative: Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. TB not written on COC. added by lab.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>305</u>		<u>DA</u> 5/10/13

Client Notification/ Resolution:

Person Contacted: Chris Peters Date/Time: 5/10/13 See email.

Comments/ Resolution: -010 labeled as MW-3D matched by date & time. -012 labeled as MW-3I time says 1405. -013 labeled as MW-3I Dup time says 1405. -014 labeled as MW-3 time says 1455. DA 5/10/13

Project Manager Review: MA

Date: 5/12/13

TABLE 2  
GARRY'S CLEANERS  
MARSHFIELD, WISCONSIN  
GROUNDWATER ANALYSES  
VOLATILE ORGANIC COMPOUNDS

PARAMETER	PAL	ES	All concentrations in µg/L											
			GP-1	GP-7	GP-7	SB-101	SB-102	SB-103	MW-1					
			Apr-95	Apr-95	Apr-95	Jan-08	Jan-08	Jan-08	Mar-93	Dec-94	Sep-96	Oct-99	Jul-04	Jan-08
Benzene	0.5	5	<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.10	<0.90	<0.20
n-Butylbenzene			<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<0.77	<0.20
Carbon tetrachloride	0.5	5	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<0.83	<0.20
Chlorobenzene			<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<0.95	<0.20
Chloroform	0.6	6	<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<1.1	<0.20
Chloromethane	0.3	3				<0.20	<0.20	<0.20						<0.20
1,2-Dichlorobenzene	60	600	<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<1.1	<0.20
1,4-Dichlorobenzene	15	75	<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<1.2	<0.20
1,2-Dichloroethane	0.5	5	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<1.1	<0.50
1,1-Dichloroethene	0.7	7	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	2.2	<1	<0.25	<0.91	<0.50
cis-1,2-Dichloroethene	7	70	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	30	36	44	49	10	7.6
trans-1,2-Dichloroethene	20	100	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<0.84	<0.50
1,2-Dichloropropane	0.5	5	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<1.5	<0.50
Ethylbenzene	140	700	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<0.91	<0.50
Isopropylbenzene			<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<0.97	<0.20
p-Isopropyltoluene			<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<0.91	<0.20
1,1,1,2-Tetrachloroethane	7	70	<1.0	<1.0	<1.0	<0.25	<0.25	<0.25	<1.0	<1.0	<1	<0.25	<0.80	<0.25
1,1,1,2,2-Tetrachloroethane	0.02	0.2	<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.25	<1.1	<0.20
Tetrachloroethene	0.5	5	<1.0	14	14	<0.50	0.73	<0.50	3	110	55	53	57	65
Toluene	200	1,000	2.3	1.6	1.6	0.79	0.38	<0.20	<1.0	<1.0	<1	<0.10	<1.0	<0.20
1,1,1-Trichloroethane	40	200	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<1.0	<1.0	<1	<0.25	<0.94	<0.50
1,1,2-Trichloroethane	0.5	5	<1.0	<1.0	<1.0	<0.25	<0.25	<0.25	<1.0	<1.0	<1	<0.25	<1.2	<0.25
Trichloroethene	0.5	5	<1.0	1.2	1.2	<0.20	<0.20	<0.20	<1.0	26	36	44	12	8.5
1,2,4-Trimethylbenzene	96	480	<1.0	<1.0	<1.0	0.30	<0.20	<0.20	<1.0	<1.0	<1	<0.10	<0.89	<0.20
1,3,5-Trimethylbenzene			<1.0	<1.0	<1.0	<0.20	<0.20	<0.20	<1.0	<1.0	<1	<0.10	<0.90	<0.20
Xylenes	1,000	10,000	<2.0	<2.0	<2.0	0.62	<0.50	<0.50	<2.0	<1.0	<3	<0.25	<1.6	<0.50

samples were analyzed for full VOC scan; however, only detected parameters are listed.  
 GP samples were collected from Geoprobe borings.  
 PAL: Preventive action limit.  
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 Results in shaded cells indicate exceedance of ES.

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 Request for Proposal (06/10/2009)

TABLE 2  
GARRY'S CLEANERS  
MARSHFIELD, WISCONSIN  
GROUNDWATER ANALYSES  
VOLATILE ORGANIC COMPOUNDS

PARAMETER	PAL	ES	All concentrations in µg/L																
			MW-2						MW-3					MW-31			MW-3D		
			Mar-93	Dec-94	Sep-96	Oct-99	Jul-04	Jan-08	Dec-94	Sep-96	Oct-99	Jul-04	Jan-08	Jul-04	Jan-08	Oct-99	Jul-04	Jan-08	
Benzene	0.5	5	<1.0	<1.0	<1	<0.10	<0.18	<0.20	<500	1	<400	<2300	<100	<90	<90	<5.0	<1.0	<7.2	<0.20
n-Butylbenzene			<1.0	<1.0	<1	<0.25	<0.15	<0.20	<500	3	<1000	<1900	<100	<77	<77	<5.0	<2.5	<6.1	<0.20
Carbon tetrachloride	0.5	5	<1.0	<1.0	<1	<0.25	<0.17	<0.50	<500	1	<1000	<2100	<250	<83	<83	<12	<2.5	<6.6	<0.50
Chlorobenzene			<1.0	<1.0	<1	<0.25	<0.19	<0.20	<500	57	<1000	<2400	<100	<95	<95	<5.0	<2.5	<7.6	<0.20
Chloroform	0.6	6	<1.0	<1.0	<1	<0.25	<0.22	<0.20	<500	43	<1000	<2800	<100	<110	<110	<5.0	<2.5	<8.8	<0.20
Chloromethane	0.3	3					0.50	<0.20				<1800	<100	<70	<70	<5.0		<5.6	<0.20
1,2-Dichlorobenzene	60	600	<1.0	<1.0	<1	<0.25	<0.21	<0.20	9	9	<1000	<2600	<100	<110	<110	<5.0	<2.5	<8.4	<0.20
1,4-Dichlorobenzene	15	75	<1.0	<1.0	<1	<0.25	<0.24	<0.20	1	1	<1000	<3000	<100	<120	<120	<5.0	<2.5	<9.6	<0.20
1,2-Dichloroethane	0.5	5	<1.0	<1.0	<1	<0.25	<0.22	<0.50	<500	2	<1000	<2700	<250	<110	<110	<12	<2.5	<8.6	<0.50
1,1-Dichloroethene	0.7	7	<1.0	<1.0	<1	<0.25	<0.18	<0.50	<500	<1	<1000	<2300	<250	<91	<91	<12	<2.5	<7.3	<0.50
cis-1,2-Dichloroethene	7	70	<1.0	<1.0	<1	<0.25	0.70	<0.50	<500	1,300	<1000	[1800]	2,400	<73	<73	310	<2.5	<5.8	16
trans-1,2-Dichloroethene	20	100	<1.0	<1.0	<1	<0.25	<0.17	<0.50	<500	23	<1000	<2100	<250	<84	<84	<12	<2.5	<6.7	<0.50
1,2-Dichloropropane	0.5	5	<1.0	<1.0	<1	<0.25	<0.29	<0.50	<500	14	<1000	<3700	<250	<150	<150	<12	<2.5	<12	<0.50
Ethylbenzene	140	700	<1.0	<1.0	<1	<0.25	<0.18	<0.50	<500	5	<1000	<2300	<250	<91	<91	<12	<2.5	<7.3	<0.50
Isopropylbenzene			<1.0	<1.0	<1	<0.25	<0.19	<0.20	<500	4	<1000	<2400	<100	<97	<97	<5.0	<2.5	<7.7	<0.20
p-Isopropyltoluene			<1.0	<1.0	<1	<0.25	<0.18	<0.20	<500	1	<1000	<2300	<100	<91	<91	<5.0	<2.5	<7.2	<0.20
1,1,1,2-Tetrachloroethane	7	70	<1.0	<1.0	<1	<0.25	<0.16	<0.25	<500	69	<1000	<2000	<120	<80	<80	<6.2	<2.5	<6.4	<0.25
1,1,2,2-Tetrachloroethane	0.02	0.2	<1.0	<1.0	<1	<0.25	<0.22	<0.20	<500	20	<1000	<2800	<100	<110	<110	<5.0	<2.5	<8.9	<0.20
Tetrachloroethene	0.5	5	<1.0	<1.0	<1	1.7	1.7	<0.50	120,000	150,000	170,000	190,000	140,000	4,000	3,700	1,100	480	300	34
Toluene	200	1,000	<1.0	<1.0	<1	<0.10	<0.21	<0.20	<500	14	<400	<2600	<100	<100	<100	<5.0	<1.0	<8.4	<0.20
1,1,1-Trichloroethane	40	200	<1.0	<1.0	<1	<0.25	<0.19	<0.50	<500	27	<1000	<2400	<250	<94	<94	<12	<2.5	<7.5	<0.50
1,1,2-Trichloroethane	0.5	5	<1.0	<1.0	<1	<0.25	<0.23	<0.25	<500	37	<1000	<2900	<120	<120	<120	<6.2	<2.5	<9.3	<0.25
Trichlorobenzene	0.5	5	<1.0	<1.0	<1	0.58	0.65	0.24	<500	290	<1000	<2500	620	<100	<100	830	<2.5	<8.0	8.8
1,2,4-Trimethylbenzene			<1.0	<1.0	<1	<0.10	<0.18	<0.20	<500	15	<400	<2200	<100	<89	<89	<5.0	<1.0	<7.1	<0.20
1,3,5-Trimethylbenzene	96	480	<1.0	<1.0	<1	<0.10	<0.18	<0.20	<500	8	<400	<2200	<100	<90	<90	<5.0	<1.0	<7.2	<0.20
Xylenes	1,000	10,000	<2.0	<2.0	<3	<0.25	<0.31	<0.50	<1000	17	<1000	<3900	<250	<180	<180	<12	<2.5	<12	<0.50

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GROUNDWATER ANALYSES  
VOLATILE ORGANIC COMPOUNDS

PARAMETER	PAL	ES	All concentrations in µg/L										
			MW-3D2		KFC-1					KFC-2			
			Jul-04	Jan-08	Nov-93	Sep-96	Oct-99	Jul-04	Dec-93	Sep-96	Oct-99	Jul-04	Jan-08
Benzene	0.5	5	<0.18	<1.0	<5	<1	<0.10	<0.18	<5	<1	<0.50	<4.5	<0.80
n-Butylbenzene			<0.15	<1.0	<5	<1	<0.25	<0.15	<5	<1	<1.2	<3.8	<0.80
Carbon tetrachloride	0.5	5	<0.17	<2.5	<5	<1	<0.25	<0.17	<5	<1	<1.2	<4.1	<2.0
Chlorobenzene			<0.19	<1.0	<5	<1	<0.25	<0.19	<5	<1	<1.2	<4.7	<0.80
Chloroform	0.6	6	<0.22	<1.0	<5	<1	<0.25	<0.22	<5	<1	<1.2	<5.5	<0.80
Chloromethane	0.3	3	<0.14	<1.0	<5	<1	<0.25	<0.14	<5	<1	<1.2	<4.7	<0.80
1,2-Dichlorobenzene	60	600	<0.21	<1.0	<5	<1	<0.25	<0.21	<5	<1	<1.2	<5.3	<0.80
1,4-Dichlorobenzene	15	75	<0.24	<1.0	<5	<1	<0.25	<0.24	<5	<1	<1.2	<6.0	<0.80
1,2-Dichloroethane	0.5	5	<0.22	<2.5	<5	<1	<0.25	<0.22	<5	<1	<1.2	<5.4	<2.0
1,1-Dichloroethene	0.7	7	<0.18	<2.5	<5	<1	<0.25	<0.18	<5	<1	<1.2	<4.6	<2.0
cis-1,2-Dichloroethene	7	70	<0.15	370	<5	<1	<0.25	<0.15	<5	200	110	100	110
trans-1,2-Dichloroethene	20	100	<0.17	2.8	<5	<1	<0.25	<0.17	<5	3	<1.2	<4.2	<2.0
1,2-Dichloropropane	0.5	5	<0.29	<2.5	<5	<1	<0.25	<0.29	<5	<1	<1.2	<7.3	<2.0
Ethylbenzene	140	700	<0.18	<2.5	<5	<1	<0.25	<0.18	26	<1	<1.2	<4.6	<2.0
Isopropylbenzene			<0.19	<1.0	<5	<1	<0.25	<0.19	<5	<1	<1.2	<4.8	<0.80
p-Isopropyltoluene			<0.18	<1.0	<5	<1	<0.25	<0.18	<5	<1	<1.2	<4.5	<0.80
1,1,1,2-Tetrachloroethane	7	70	<0.16	<1.2	<5	<1	<0.25	<0.16	<5	<1	<1.2	<4.0	<1.0
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.22	<1.0	<5	<1	<0.25	<0.22	<5	<1	<1.2	<5.6	<0.80
Tetrachloroethene	0.5	5	2.6	12	<5	<1	0.54	<0.20	160	95	170	240	150
Toluene	200	1,000	<0.21	<1.0	<5	<1	<0.10	<0.21	11	<1	<0.50	<5.2	<0.80
1,1,1-Trichloroethane	40	200	<0.19	<2.5	<5	<1	<0.25	<0.19	<5	<1	<1.2	<4.7	<2.0
1,1,2-Trichloroethane	0.5	5	<0.23	<1.2	<5	<1	<0.25	<0.23	<5	<1	<1.2	<5.8	<1.0
Trichloroethene	0.5	5	<0.20	13	<5	<1	<0.25	<0.20	93	270	160	120	190
1,2,4-Trimethylbenzene			<0.18	<1.0	<5	<1	<0.10	<0.18	<5	<1	<0.50	<4.4	<0.80
1,3,5-Trimethylbenzene	96	480	<0.18	<1.0	<5	<1	<0.10	<0.18	<5	<1	<0.50	<4.5	<0.80
Xylenes	1,000	10,000	<0.31	<2.5	<15	<2	<0.25	<0.31	130	<3	<1.2	<7.8	<2.0

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GROUNDWATER ANALYSES  
VOLATILE ORGANIC COMPOUNDS

PARAMETER	PAL	ES	All concentrations in µg/L															
			KFC-3			KFC-4			KFC-4D	KFC-5		KFC-5I	KFC-6		KFC-6I			
			Sep-96	10/1/1999 <sup>2</sup>	Jul-04	Sep-96	Oct-99	Jul-04	Jan-08	Jan-08	Oct-99	Jul-04	Jul-04	Jul-04	Jan-08	Jul-04	Jan-08	
Benzene	0.5	5	<1	<0.10	<0.10	<9.0	<1	<0.10	<0.18	<0.20	<0.20	<0.10	<0.18	<0.18	<0.18	<0.20	<0.18	<0.20
n-Butylbenzene			8	<0.25	<0.25	<7.7	<1	<0.25	<0.15	<0.20	<0.20	<0.25	<0.15	<0.15	<0.15	<0.20	<0.15	<0.20
Carbon tetrachloride	0.5	5	<1	<0.25	<0.25	<8.3	<1	<0.25	<0.17	<0.50	<0.50	<0.25	<0.17	<0.17	<0.17	<0.50	<0.17	<0.50
Chlorobenzene			3	<0.25	<0.25	<9.5	<1	<0.25	<0.19	<0.20	<0.20	<0.25	<0.19	<0.19	<0.19	<0.20	<0.19	<0.20
Chloroform	0.6	6	<1	<0.25	<0.25	<11	<1	<0.25	<0.22	<0.20	<0.20	<0.25	<0.22	<0.22	[0.24]	<0.20	<0.22	<0.20
Chloromethane	0.3	3				<7.0			0.61	<0.20	<0.20		0.59	<0.14	<0.14	<0.20	<0.14	<0.20
1,2-Dichlorobenzene	60	600	<1	<0.25	<0.25	<11	<1	<0.25	<0.21	<0.20	<0.20	<0.25	<0.21	<0.21	<0.21	<0.20	<0.21	<0.20
1,4-Dichlorobenzene	15	75	<1	<0.25	<0.25	<12	<1	<0.25	<0.24	<0.20	<0.20	<0.25	<0.24	<0.24	<0.24	<0.20	<0.24	<0.20
1,2-Dichloroethane	0.5	5	<1	<0.25	<0.25	<11	<1	<0.25	<0.22	<0.50	<0.50	<0.25	<0.22	<0.22	<0.22	<0.50	<0.22	<0.50
1,1-Dichloroethene	0.7	7	5	<0.25	<0.25	<9.1	<1	<0.25	<0.18	<0.50	<0.50	<0.25	<0.18	<0.18	<0.18	<0.50	<0.18	<0.50
cis-1,2-Dichloroethene	7	70	87	210	220	480	21	35	11	<0.50	1.5	<0.25	<0.15	<0.15	<0.15	<0.50	<0.15	<0.50
trans-1,2-Dichloroethene	20	100	<1	<0.25	<0.25	[12]	<1	<0.25	[0.24]	<0.50	<0.50	<0.25	<0.17	<0.17	<0.17	<0.50	<0.17	<0.50
1,2-Dichloropropane	0.5	5	<1	<0.25	<0.25	<15	<1	<0.25	<0.29	<0.50	<0.50	<0.25	<0.29	<0.29	<0.29	<0.50	<0.29	<0.50
Ethylbenzene	140	700	<1	<0.25	<0.25	<9.1	<1	<0.25	<0.18	<0.50	<0.50	<0.25	<0.18	<0.18	<0.18	<0.50	<0.18	<0.50
Isopropylbenzene			<1	<0.25	<0.25	<9.7	<1	<0.25	<0.19	<0.20	<0.20	<0.25	<0.19	<0.19	<0.19	<0.20	<0.19	<0.20
p-Isopropyltoluene			<1	<0.25	<0.25	<9.1	<1	<0.25	<0.18	<0.20	<0.20	<0.25	<0.18	<0.18	<0.18	<0.20	<0.18	<0.20
1,1,1,2-Tetrachloroethane	7	70	21	<0.25	<0.25	<8.0	<1	<0.25	<0.16	<0.25	<0.25	<0.25	<0.16	<0.16	<0.16	<0.25	<0.16	<0.25
1,1,2,2-Tetrachloroethane	0.02	0.2	1	<0.25	<0.25	<11	<1	<0.25	<0.22	<0.20	<0.20	<0.25	<0.22	<0.22	<0.22	<0.20	<0.22	<0.20
Tetrachloroethene	0.5	5	53,000	5,900	6,000	930	3	8.4	5.7	<0.50	<0.50	2.2	<0.20	<0.20	<0.20	0.50	<0.20	1.3
Toluene	200	1,000	<1	<0.10	<0.10	<10	<1	<0.10	<0.21	<0.20	0.46	<0.10	<0.21	<0.21	<0.21	<0.20	<0.21	<0.20
1,1,1-Trichloroethane	40	200	<1	<0.25	<0.25	<9.4	<1	<0.25	<0.19	<0.50	<0.50	<0.25	<0.19	<0.19	<0.19	<0.50	<0.19	<0.50
1,1,2-Trichloroethane	0.5	5	1	<0.25	<0.25	<12	<1	<0.25	<0.23	<0.25	<0.25	<0.25	<0.23	<0.23	<0.23	<0.25	<0.23	<0.25
Trichloroethene	0.5	5	13,000	1,200	1,100	300	7	11	31	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2,4-Trimethylbenzene			5	<0.10	<0.10	<8.9	<1	<0.10	<0.18	<0.20	<0.20	0.40	<0.18	<0.18	<0.18	<0.20	<0.18	<0.20
1,3,5-Trimethylbenzene	96	480	1	<0.10	<0.10	<9.0	<1	<0.10	<0.18	<0.20	<0.20	<0.10	<0.18	<0.18	<0.18	<0.20	<0.18	<0.20
Xylenes	1,000	10,000	<2	<0.25	<0.25	<16	<3	<0.25	<0.31	<0.50	<0.50	<0.25	<0.31	<0.31	<0.31	<0.50	<0.31	<0.50

Samples were analyzed for full VOC scan; however, only detected parameters are listed.  
GP samples were collected from Geoprobe borings.  
PAL: Preventive action limit.  
ES: Enforcement standard.  
Results in shaded cells indicate exceedance of ES.

Tables from RSV Engineering, Inc. (Jefferson, Wisconsin)  
Request for Proposal (06/10/2009)

**TABLE 3  
GARRY'S CLEANERS  
MARSHFIELD, WISCONSIN  
GROUNDWATER ELEVATIONS**

WELL	TOC ELEV	SCREEN <sup>1</sup>	GW ELEV					
			3/11/93	4/13/93	12/16/94	10/12/99	7/8/04	1/23/08
MW-1	1250.16	12.8 - 22.8	1241.34	1242.48	1241.71	1242.21	1242.80	1242.32
MW-2	1249.84	9.1 - 19.1	1241.03	1241.25	1241.46	1241.99	1242.52	1242.06
MW-3	1250.85	9.5 - 19.5	1241.45	1244.18	1243.89	1243.54	1247.50	1244.86
MW-3I	1250.51	33.1 - 38.1					1242.72	1243.01
MW-3D	1250.61	55.3 - 60.3				1242.80	1248.90	1243.19
MW-3D2	1250.33	69.7 - 74.7					1242.91	1244.77
KFC-1	1253.26	7.4 - 17.4			1248.96	1246.59	1249.54	nm
KFC-2	1250.25	13.6 - 23.6			1242.05	1241.92	1244.50	1242.53
KFC-3	1250.37	10.2 - 20.2				1242.02	1242.93	nm
KFC-4	1250.41	10.4 - 20.4				1241.21	1241.20	1241.65
KFC-4D		35.5 - 40.5						ns
KFC-5	1252.15	9.6 - 19.6				1243.66	1246.25	nm
KFC-5I	1251.92	29.4 - 34.4					1242.90	nm
KFC-6	1250.73	4.5 - 14.5					1243.48	1242.59
KFC-6I	1250.82	24.5 - 29.5					1242.02	1241.93

<sup>1</sup> Approximate screened interval in feet below ground surface.

Blank cells indicate wells not yet constructed at time of measurement.

ns: Not surveyed.

nm : Not measured.



WELL PURGING AND SAMPLE COLLECTION

Well No.: MW-1

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75° F; Pt. Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:  
 (DTB - DTW) .70 gallons = Four Well Volumes  
20.40 - 6.00 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic Low Flow  
 Purge Start Time: 11:35 Stop Time: 12:00 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm  
 Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Baker  
 Sampler Intake Depth: \_\_\_\_\_ feet Ave Sample Flow Rate: 0.1 gpm  
 Time Lab Sample Collected: 12:05 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
11:40	0.78	11.70	7.06	702	124.6	Clear	None	None
11:45	0.30	10.74	6.95	703	139.0	↓	↓	↓
11:50	0.22	10.55	6.99	698	138.8	↓	↓	↓
11:55	0.24	10.32	6.99	681	139.2	↓	↓	↓
12:00	0.23	10.28	6.97	680	138.9	↓	↓	↓

DTW  
8.75  
9.66

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 1/7/13  
 5

WELL PURGING AND SAMPLE COLLECTION

Well No.: 11W-2

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723

Site Location 912 South Central Avenue, Marshfield, WI

Weather Today and Past Weeks (precip.): 75°F; Pt. Cloudy

Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes

18.662 - 5.35 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic Low Flow

Purge Start Time: 12:25 Stop Time: 12:50 Volume: 4.0 gal Ave Purge Flow Rate: 0.11 gpm

Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Boiler

Sampler Intake Depth: 16 feet Ave Sample Flow Rate: 2.11 gpm

Time Lab Sample Collected: 12:55 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
12:30	1.41	8.50	7.13	2508	117.7	very cloudy	Brown	None
12:35	1.11	7.96	7.00	2469	131.9	↓	↓	↓
12:40	1.42	8.07	7.05	2484	129.9	cloudy	clear	↓
12:45	1.38	8.11	7.02	2426	133.2	clear	clear	↓
12:50	1.35	8.09	7.99	2443	134.1	↓	↓	↓

DTW

7.55

Comments: \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-SI

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75°F; Partly Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes

29.65 - 6.91 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic Low Flow

Purge Start Time: 1425 Stop Time: 1455 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm

Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bailer

Sampler Intake Depth: 27 feet Ave Sample Flow Rate: 0.1 gpm

Time Lab Sample Collected: 1455 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1434	<del>9.00</del> 9.00	10.63	8.94	2440	50.7	Cloudy	Yellow	None
1435	6.99	10.10	8.55	2477	83.0	↓	↓	↓
1440	6.55	10.14	8.64	2248	88.1	↓	↓	↓
1445	1.10	10.49	11.00	712	-217.4	↓	↓	↓
1450	1.01	10.52	11.05	693	-220.3	↓	↓	↓

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-S

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75°F, Partly Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes  
19.89 - 3.23 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic Low Flow

Purge Start Time: 1500 Stop Time: 1530 Volume: 4.0 gal Ave Purge Flow Rate: 0.11 gpm

Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Boiler

Sampler Intake Depth: 17 feet Ave Sample Flow Rate: 0.11 gpm

Time Lab Sample Collected: 1530 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1505	11.36	8.06	9.45	526	-14.8	Cloudy		None
1510	4.45	7.81	9.22	524	3.7			
1515	4.35	7.38	9.35	535	-4.2			
1520	4.41	7.16	9.39	536	-10.2			
1525	4.36	7.14	9.32	539	-8.9			

Comments: Well Cap Broken; Well Plug Installed

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-1

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): \_\_\_\_\_  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing: Alternative Calculation: \_\_\_\_\_  
 (DTB - DTW) .70 gallons = Four Well Volumes \_\_\_\_\_  
16.35 - 1.35 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Purging Method: Peristaltic Low Flow  
 Purge Start Time: 1545 Stop Time: 1620 Volume: 4.0 gal Ave Purge Flow Rate: 0.11 gpm  
 Did Well Purge Dry? Yes  No \_\_\_\_\_ Comments? \_\_\_\_\_

Sampling Method: Bailer  
 Sampler Intake Depth: 14 feet Ave Sample Flow Rate: 0.11 gpm  
 Time Lab Sample Collected: 1615 Sample Field Filtered? Yes  No \_\_\_\_\_ Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No \_\_\_\_\_ Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No \_\_\_\_\_ Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
<u>1550</u>	<u>2.97</u>	<u>6.78</u>	<u>9.82</u>	<u>3002</u>	<u>-27.0</u>	<u>Slighty</u>	<u>Clear</u>	<u>None</u>
<u>1555</u>	<u>2.43</u>	<u>6.71</u>	<u>9.97</u>	<u>2851</u>	<u>-31.6</u>	↓	↓	↓
<u>1600</u>	<u>2.15</u>	<u>6.69</u>	<u>10.07</u>	<u>2501</u>	<u>-35.3</u>	↓	↓	↓
<u>1605</u>	<u>2.07</u>	<u>6.77</u>	<u>10.17</u>	<u>2208</u>	<u>-39.4</u>	<u>Clear</u>	<u>Clear</u>	↓
<u>1610</u>	<u>1.98</u>	<u>6.68</u>	<u>10.36</u>	<u>2182</u>	<u>-40.5</u>	↓	↓	↓

DTW  
3.81  
5.13

Comments: Well Damaged approx 3' bgs; Bailer retrieved w/ sample but there was a lot of resistance

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13



WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-4

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75°F, Partly Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:  
 (DTB - DTW).70 gallons = Four Well Volumes  
20.30 - 8.41 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic Low Flow  
 Purge Start Time: 1635 Stop Time: 1700 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm  
 Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bails  
 Sampler Intake Depth: 18 feet Ave Sample Flow Rate: 0.1 gpm  
 Time Lab Sample Collected: 1705 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1640	5.68	9.59	9.16	1734	2.2	Clear	Clear	None
1645	0.91	9.26	8.77	1739	28.3	↓	↓	↓
1650	0.62	9.48	8.61	1736	30.6	↓	↓	↓
1655	0.57	9.51	8.51	1738	28.2	↓	↓	↓
1700	0.57	9.46	8.46	1734	26.3	↓	↓	↓

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-4I

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location: 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 78°F, Partly Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:  
 (DTB - DTW) .70 gallons = Four Well Volumes  
40.40 - 2.25 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic - Low Flow  
 Purge Start Time: 1705 Stop Time: 1735 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm  
 Did Well Purge Dry? Yes No Comments: \_\_\_\_\_

Sampling Method: Bailer  
 Sampler Intake Depth: 37 feet Ave Sample Flow Rate: 0.1 gpm  
 Time Lab Sample Collected: 1720 Sample Field Filtered? Yes  No Time Filtered: \_\_\_\_\_  
 Field Blank Collected? Yes  No Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1710	1.53	11.40	8.82	436	2.3	Clear	Clear	None
1715	1.52	11.44	8.84	436	-2.6	↓	↓	↓
1720	1.48	11.46	8.83	434	-1.8	↓	↓	↓
1725	1.41	11.27	8.83	436	-2.4	↓	↓	↓
<u>1730</u>								

COP

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/7/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-6

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): \_\_\_\_\_  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing: Alternative Calculation: \_\_\_\_\_  
 (DTB - DTW) .70 gallons = Four Well Volumes \_\_\_\_\_  
25.22 - 7.50 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Purging Method: Peristaltic - Low Flow  
 Purge Start Time: 9:00 Stop Time: 9:30 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm  
 Did Well Purge Dry? Yes  No  Comments: \_\_\_\_\_

Sampling Method: Bailer  
 Sampler Intake Depth: \_\_\_\_\_ feet Ave Sample Flow Rate: 0.1 gpm  
 Time Lab Sample Collected: 9:30 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
9:05	3.65	9.97	9.05	398	89.2	Opaque	Brown	None
9:10	3.07	10.45	8.67	451	97.0	↓	↓	↓
9:15	2.91	10.89	8.92	479	81.5	↓	↓	↓
9:20	0.78	11.03	9.12	484	80.4	↓	↓	↓
9:25	0.55	11.10	9.18	489	79.9	↓	↓	↓

Comments: Well Plug Installed (also installed on KFC-6B)

Form Completed By: Chris Peters Title: Engineer Date: 5/8/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: MLW-302

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): \_\_\_\_\_  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes  
73.83 5.22 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Low Flow - Peristaltic  
 Purge Start Time: 1010 Stop Time: 1040 Volume: 4.0 gal Ave Purge Flow Rate: 0.11 gpm  
 Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bailes  
 Sampler Intake Depth: 70 feet Ave Sample Flow Rate: 0.11 gpm  
 Time Lab Sample Collected: 1040 Sample Field Filtered? Yes  No  Time Filtered: \_\_\_\_\_  
 Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1015	3.03	11.64	9.28	479	14.7	Slight	Yellow	None
1020	1.71	11.29	9.27	477	7.7	↓	↓	↓
1025	1.82	11.44	9.35	477	3.6	↓	↓	↓
1030	1.64	11.44	9.38	477	-7.3	↓	↓	↓
1035	1.62	11.46	9.41	477	-8.2	↓	↓	↓

Comments: Needs Lock

Form Completed By: Chris Peters Title: Engineer Date: 5/8/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: MW-30

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): \_\_\_\_\_  
 Person(s) Sampling: Chris Peters

Purge Volume Calculations:

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes

35.95 - 8.19 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic-Low Flow

Purge Start Time: 11:05 Stop Time: 11:40 Volume: 3 gal Ave Purge Flow Rate: 0.1 gpm

Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bailer (VOCs); Peristaltic (Other Parameters)

Sampler Intake Depth: 33 feet Ave Sample Flow Rate: 0.1 gpm

Time Lab Sample Collected: 11:35 Sample Field Filtered?  Yes  No Time Filtered: \_\_\_\_\_

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1110	2.26	12.01	9.58	386	-7.5	✓ Slight	None	None
1115	2.19	11.39	9.35	383	4.3	↓	↓	↓
1120	2.14	11.43	9.39	382	-3.0	↓	↓	↓
1125	1.79	11.62	9.44	330	-10.1	↓	↓	↓
1130	1.74	11.83	9.51	381	-12.3	✓	✓	✓

Comments: Needs New Cap

Form Completed By: Chris Peters Title: Engineer Date: \_\_\_\_\_

WELL PURGING AND SAMPLE COLLECTION

Well No.: KFC-2

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75°F; Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes

21.6 - 12.71 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic - Low Flow

Purge Start Time: 1230 Stop Time: 1305 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm

Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bailer (VOCs); Peristaltic (Other Parameters)

Sampler Intake Depth: 19 feet Ave Sample Flow Rate: 0.1 gpm

Time Lab Sample Collected: 1300 Sample Field Filtered?  Yes  No Time Filtered: 1300

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1235	0.50	11.67	9.25	350	15.3	Clear	Clear	None
1240	0.34	10.36	8.61	345	34.0	↓	↓	↓
1245	0.28	10.36	8.53	342	27.6	↓	↓	↓
1250	0.22	10.42	8.54	341	23.5	↓	↓	↓
1255	0.21	10.45	8.54	341	23.1	↓	↓	↓

Comments: Well Plug Installed; Needs Lock

Form Completed By: Chris Peters Title: Engineer Date: \_\_\_\_\_

WELL PURGING AND SAMPLE COLLECTION

Well No.: MW-3E

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75F; Partly Cloudy  
 Person(s) Sampling: Chris Peters

**Purge Volume Calculations:**

For 2-Inch Dia, 40 Schedule Casing:

(DTB - DTW) .70 gallons = Four Well Volumes

59.90 - 0.32 = feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic - low flow  
 Purge Start Time: 1335 Stop Time: 1410 Volume: 3.5 gal Ave Purge Flow Rate: 0.1 gpm  
 Did Well Purge Dry? Yes  No  Comments? \_\_\_\_\_

Sampling Method: Bailer (VOCs); Peristaltic LODs Parameters  
 Sampler Intake Depth: 67 feet Ave Sample Flow Rate: 0.1 gpm  
 Time Lab Sample Collected: 1405 Sample Field Filtered?  Yes  No Time Filtered: 1405  
 Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected?  Yes  No Time: 1405

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (ΦMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1340	4.08	12.17	9.17	751	4.4	Clear	Clear	None
1345	0.97	11.72	9.11	743	7.2	↓	↓	↓
1350	1.08	11.76	9.17	746	0.7	↓	↓	↓
1355	1.17	11.57	9.21	745	-3.0	↓	↓	↓
1400	1.15	11.62	9.26	744	-3.5	↓	↓	↓

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/8/13

WELL PURGING AND SAMPLE COLLECTION

Well No.: MW-3

Site Name: Former Garry's Cleaners AECOM Project No.: 60220723  
 Site Location: 912 South Central Avenue, Marshfield, WI  
 Weather Today and Past Weeks (precip.): 75°F, Cloudy  
 Person(s) Sampling: Chris Peters

Purge Volume Calculations:

For 2-Inch Dia, 40 Schedule Casing:  
 (DTB - DTW) .70 gallons = Four Well Volumes  
19.13 - 4.78 = \_\_\_\_\_ feet x .70 = \_\_\_\_\_ gallons

Alternative Calculation: \_\_\_\_\_

Purging Method: Peristaltic - Low Flow  
 Purge Start Time: 1420 Stop Time: 1455 Volume: 4 gal Ave Purge Flow Rate: 0.11 gpm  
 Did Well Purge Dry? Yes  No  Comments: \_\_\_\_\_

Sampling Method: Bailes (VOCs); Peristaltic (Other Parameters)  
 Sampler Intake Depth: 16 feet Ave Sample Flow Rate: 0.11 gpm  
 Time Lab Sample Collected: 1450 Sample Field Filtered?  Yes  No Time Filtered: 1450

Field Blank Collected? Yes  No  Time: \_\_\_\_\_ Duplicate Sample Collected? Yes  No  Time: \_\_\_\_\_

Field Measurements and Observations								
Time	DO (Mg/l)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (Description)	Color Description	Odor Description
1425	0.2	9.90	6.92	1121	136.3	Clear	Clear	None
1430	0.07	9.82	6.86	1097	146.2	↓	↓	↓
1435	0.43	9.07	6.99	1073	138.1	↓	↓	↓
1440	0.73	8.95	6.97	1122	138.8	↓	↓	↓
1445	0.38	8.84	6.96	1129	137.4	↓	↓	↓

DTU

6.81

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Completed By: Chris Peters Title: Engineer Date: 5/8/13





Please print or type. (Form designed for use on elite (12-pin) typewriter.)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number		2. Page 1 of 4		3. Emergency Response Phone <b>414-236-1080</b>		4. Waste Tracking Number <b>071513A</b>		
		5. Generator's Name and Mailing Address <b>Garry's Cleaners 912 and 1000 S. Central Avenue Marshfield, WI 54449</b>		Generator's Site Address (if different than mailing address) <b>ALL ALKNOED GARRY ECKES</b>						
6. Generator's Phone: <b>920-674-3444-715-368-1017</b>		6. Transporter 1 Company Name <b>WMMercury Waste, Inc.</b>				U.S. EPA ID Number <b>WI-R-000142654</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Badger Disposal of WI, Inc. 5611 West Hennock Street Milwaukee, WI 53223</b>						U.S. EPA ID Number <b>WI.D.9.8.8.5.8.0.0.5.6</b>				
Facility's Phone: <b>414-760-9175</b>										
<b>GENERATOR</b>	9a. ID#	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID-Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		1. Non-regulated material			No.	Type				
					0001	DM	00055	G	NONE	
		2.								
		3.								
	4.									
13. Special Handling Instructions and Additional Information <b>(1) WS009823, Purge Water. Emergency Contact: Badger Disposal of WI, Inc. 414-236-1080.</b>										
14. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.										
Generator/Owner's Printed/Typed Name <b>GARRY ECKES</b>					Signature <i>Garry Eckes</i>			Month Day Year <b>7 9 13</b>		
<b>TRANSPORTER INTL</b>	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	15. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>DERRELL JORDAN</b>					Signature <i>Derrell Jordan</i>			Month Day Year <b>7 9 13</b>	
Transporter 2 Printed/Typed Name					Signature			Month Day Year		
<b>DESIGNATED FACILITY</b>	17. Discrepancy									
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	17b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone: _____										
17c. Signature of Alternate Facility (or Generator)								Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 17a										
Printed/Typed Name <b>Sarah Wetsen</b>					Signature <i>Sarah Wetsen</i>			Month Day Year <b>7 15 13</b>		

