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September 21, 2012

Mr. Steve Faryan
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Emergency Response Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3507

**Subject: Final Letter Report
Wedron Groundwater Site
Wedron, LaSalle County, Illinois
Contract No.: EP-S5-06-04
Technical Direction Document No. S05-0001-1112-004
Document Control No. 1698-2A-BABE**

Dear Mr. Faryan:

The Weston Solutions, Inc. (WESTON[®]), Superfund Technical Assessment and Response Team (START) prepared this letter report in accordance with the requirements of Technical Direction Document (TDD) No. S05-0001-1112-004, which the United States Environmental Protection Agency (U.S. EPA) assigned to WESTON START. The scope of this TDD was to support groundwater and soil sampling activities at the Wedron Groundwater Site located in Wedron, LaSalle County, Illinois (the Site). The project involved extent-of-contamination sampling in groundwater and soil at the Site.

This letter report discusses the site description; site history; groundwater, soil and product sampling methods; sampling results; and a summary of the Site investigation. **Attachment A** contains Site figures. **Attachment B** contains tables that provide information related to groundwater and soil samples collected. **Attachment C** provides photographic documentation collected during the Site investigation. **Attachment D** contains the soil boring logs generated during soil boring. **Attachment E** provides a geophysical survey report on an area of the Site from the EPA Field Environmental Decision Support (FIELDS) Team. **Attachment F** provides the data validation reports (DVR) and validated laboratory analytical results for groundwater, soil, and product samples.

SITE DESCRIPTION

The Site is the unincorporated community of Wedron located in LaSalle County, Illinois (see **Figure 1** in **Attachment A**). The Site's geographic coordinates are 41° 26' 10.11" North latitude and 88° 46' 24.27" West longitude. The Site is located in a mixed rural, residential, and industrial area. North of the Site are residential homes, agriculture, and undeveloped land; to the



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east is the Fox River, agriculture, and undeveloped land; to the south is the Wedron Silica sand-mining facility and mining pits; and to the west are two Wedron Silica quarries, agriculture, and undeveloped land. Current and former commercial and industrial properties known at the Site include the Fairmount Minerals Ltd., Wedron Silica Mining Company (Wedron Silica), Illinois Railway, LLC railroad company, the former Hoxsey gas station (Hoxsey), and the former W.D. Grain Company (see **Figure 2 in Attachment A**).

SITE HISTORY

The Illinois Environmental Protection Agency (IEPA) initiated a groundwater investigation at the Site in April 1982, after the Illinois Department of Public Health (IDPH) reported that several residents complained of gasoline-type odors in water from their private wells. IEPA collected groundwater samples in April 1982, June 1983, and August 1983, from several private residential wells, and confirmed the presence of gasoline constituents. Groundwater was calculated to be moving to the north based on static water level measurements collected in May 1984 and July 1984 (see **Figure 3 and Figure 4 in Attachment A**). Two deep drinking water wells were drilled deeper than the existing groundwater contamination to provide potable water to those affected residences. No responsible party (RP) was identified.

In 2011, gasoline-type odors were again reported by residents at the Site. On October 19, 2011, the IEPA collected water samples G201/G202 from the residence located at 3542 East 2089 Road, and G203 from the address related to P.O. Box 118, in Wedron, Illinois (see **Figure 5 in Attachment A**). The analytical results detected benzene, toluene, ethylbenzene, xylene (BTEX), and isopropylbenzene in samples G201/G202 in concentrations exceeding the U.S. EPA Maximum Contaminant Levels (MCL), and benzene was detected in sample G203 in a concentration exceeding the MCL. On November 29, 2011, the LaSalle County Health Department sent letters to the residents of these two properties informing them of the analytical results, and ordering them not to consume or otherwise utilize their well water given the presence of the contaminants.

The Hoxsey property is a triangular-shaped parcel in the central area of the Site (see **Figure 2 in Attachment A**). The Hoxsey property contained a gas station that was destroyed by a fire in 1977. IEPA records indicate that a kerosene UST was removed from the property in 1984. Illinois State Fire Marshal records indicate a 1,000-gallon gasoline UST and a 500-gallon gasoline UST were removed from the property in 1986.

The Illinois Railway, LLC property is located along the east boundary of the Site adjacent to the railroads (see **Figure 2 in Attachment A**). Potential sources of contamination on the Illinois Railway, LLC property are described below:

- The property was formerly owned by the Burlington Northern Santa Fe (BNSF) Railway Company. BNSF Railway experienced a train derailment in the area within the Site in the 1970's; however, information related to the release of contaminants from the



derailment has not been obtained.

- The former W.D. Grain Company property, which was known to contain at least one UST in 1983, is contained within the Illinois Railway, LLC property.
- A 750-gallon underground storage tank (UST) was removed from the Illinois Railway, LLC property in July 2012 (see **Figure 2** in **Attachment A**).
- In April 2012, GZA GeoEnvironmental, Inc. (GZA) was retained by Fairmount Minerals, Ltd. to perform a shallow (0-6 feet [ft] below ground surface [bgs]) subsurface soil investigation along the west side of the Illinois Railway, LLC railroad. Fairmount Minerals, Ltd. intended to work with Illinois Railway, LLC to construct additional rail capacity to its existing rail load-out operations. GZA oversaw sampling at 20 Geoprobe® locations along an approximate 850-ft portion of the proposed rail siding footprint. Benzene was detected in a boring in close proximity to the intersection of East 2067th Road and 2153 Road at 3-4 ft bgs in a concentration greater than the Illinois Administrative Code (IAC) Part 742 Tiered Approach to Corrective Action Objective (TACO) soil component of the groundwater ingestion exposure route value. Ethylbenzene, toluene, and total xylenes were also detected in soil in close proximity to the intersection of East 2067th Road and 2153 Road, and in the northern portion of the investigation area, but in an order-of-magnitude below their respective Tier I TACO exposure route values.
- In August 2012, CDM Smith, Inc. was retained by the Illinois Railway, LLC to perform a Phase II subsurface soil investigation to determine if impacted soil and/or groundwater was present in three areas along the Illinois Railway right-of-way.
 - Six (6) soil borings were advanced to depths ranging from 16 to 18.5 ft bgs in the area of the 750-gallon gasoline UST removed in July 2012. All readings from a photoionization detector (PID) of the soil borings were 0.0 ppm. Soil samples were collected from the 0 to 3 foot bgs and 3 to 10 foot bgs intervals and submitted for analysis of BTEX and total lead. Sampling results were not provided to the U.S. EPA at the time of this report.
 - Eleven (11) soil borings were advanced to depths from 16 to 24 ft bgs in the area of elevated BTEX detected by GZA in April 2012 (see above) in a boring in close proximity to the intersection of East 2067th Road and 2153 Road. Elevated PID readings above 1,000 ppm were observed in five of nine borings advanced to the east of the area of elevated BTEX, and in two borings advanced south of the area of elevated BTEX. Soil samples were collected from multiple intervals due to elevated PID readings throughout the borings. Samples were submitted for analysis of BTEX and polynuclear aromatic hydrocarbons (PNA). Sampling results were not provided to the U.S. EPA at the time of this report.



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- Five (5) soil borings were advanced to a depth of 12 ft bgs in the area where approximately 600 to 800 gallons of diesel fuel spilled along the Illinois Railway within the Fairmount Minerals facility in June 2012. Approximately 381 tons of impacted soils were removed and disposed offsite. All readings from the PID of the soil borings were 0.0 ppm. Soil samples were collected from the 0 to 3 foot bgs and 3 to 10 foot interval and submitted for analysis of BTEX and PNAs. Sampling results were not provided to the U.S. EPA at the time of this report.

Portions of the Wedron Silica property are located in the east, south, and west regions of the Site (see **Figure 2** in **Attachment A**). Sand has been mined in Wedron, Illinois, since approximately 1890. In 1986, Wedron Silica merged with the Best Sand Corporation to form Fairmount Minerals, Ltd. In 1984, IEPA drilled a monitoring well in the area of a former scale house on Wedron Silica property, east of the railroad approximately 150 ft southeast of GP-11 (see **Figure 6** in **Attachment A**), and identified the presence hydrocarbon odors between 14.7 and 15.8 ft bgs. IEPA monitoring well sampling results were not obtained.

Historical information related to a former junkyard located in the northern region of the Site and a former go-cart manufacturing facility located in the central region of the Site was not available.

GROUNDWATER SAMPLING

From December 14, 2011, to August 13, 2012, WESTON START collected 32 investigative groundwater samples at the Site. **Table 1** in **Attachment B** presents a summary of the groundwater sampling including the sampling identification, sampling location, and analytical parameters. Thirty (30) groundwater samples were collected from residential drinking wells from indoor or outdoor spigots. The depth of each private residential well is unknown. At each residence, water softeners and filtration systems were bypassed, if present, and the system was purged for a minimum of 15 minutes to ensure that samples were representative of water flowing through the aquifer.

One (1) groundwater sample was collected in investigative soil boring GP-19 (see **Figure 6** in **Attachment A**) using a Geoprobe Screen Point 16 sampler connected to the Geoprobe. IEPA set the Screen Point 16 sampler at 12 to 16 ft bgs, and used a peristaltic pump to purge water through the Geoprobe rods.

One (1) groundwater sample was collected from a temporary piezometer installed by IEPA at location TMW-9 (see **Figure 6** in **Attachment A**) using a peristaltic pump. IEPA installed the temporary piezometer consisting of a 1-inch diameter flush-threaded polyvinyl chloride riser pipe and 0.010-inch slotted screen. A 10-ft screen was used for well construction, and was located to straddle the inferred water table. The screen was installed from 18.4 to 28.4 ft bgs. A silica sand pack was placed in the borehole annulus around the well screen to a height of 2 ft above the top of the screen. The remainder of the borehole annulus was filled with a bentonite pellet/chip seal placed directly above the sand pack. A flush-mounted outer protective cover was



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set in a concrete pad, which was sloped to divert rainwater away from the protective cover. The monitoring well was developed approximately 24-hours after installation. IEPA developed the well using a peristaltic pump. Purged groundwater generated during monitoring well development was containerized in a 55-gallon drum.

During purging of residential wells, the Geoprobe Screen Point 16 sampler, and the temporary piezometer, a Yellow Springs Instruments Model 556 multiparameter water-quality Sonde and a Hanna HI98703 turbidity meter were used to monitor the pH, temperature, conductivity, dissolved oxygen (DO) content, oxidation-reduction potential (ORP), and turbidity of the purge water. Water quality parameters were recorded approximately every 5 minutes. Field measurements (specific conductance, pH, ORP, temperature, DO, and turbidity) were obtained at five-minute intervals. Groundwater sampling commenced once stabilization was achieved for three consecutive readings, pH (± 0.1 standard units), specific conductance (± 3 percent [%]), ORP (± 10 millivolts), DO (± 0.3 milligrams per liter [mg/L]), temperature (± 0.5 degrees Celsius [$^{\circ}\text{C}$]), and turbidity ($\pm 10\%$).

All water samples were collected in volatile organic analysis (VOA) vials pre-preserved with hydrochloric acid (20%) to ensure a pH of less than 2.0 standard units. Sample bottles were dried, labeled, and placed on ice to cool to 4°C ($39^{\circ}\text{Fahrenheit [F]}$). All samples were analyzed for VOCs using U.S. EPA Drinking Water Analytical Method 524.2. Select samples were also analyzed for semivolatile organic compounds (SVOCs) using U.S. EPA Drinking Water Analytical Method 525.2, and metals using U.S. EPA Drinking Water Analytical Method 200.8. Samples were submitted under chain-of-custody to TestAmerica Laboratories, Inc. in Savannah, Georgia.

In accordance with the approved site-specific health and safety plan, sampling activities were conducted in Level D personal protective equipment (PPE). Fresh sampling gloves were donned before sampling activities began at each new sampling location to avoid cross-contamination of collected samples. All generated waste products, including expendable PPE and spent sampling supplies were placed into trash bags and properly disposed of off site in accordance with appropriate local, state, and federal regulations. Purge water generated during the sampling of monitoring well TMW-9 and Geoprobe Screen Point location at GP-19 was stored in a 55-gallon drum. At the time of this report, the containerized waste has been staged in a secure location at the Site and is awaiting off-site transportation.

SOIL SAMPLING

From July 23-26, 2012, U.S. EPA, IEPA, and START conducted soil boring and sampling. IEPA used a direct push Geoprobe truck-mounted rig to advance 18 soil borings, GP-3 through GP-6, GP-8 through GP-11, GP-15 through GP-19, TMW-3, and TMW-6 through TMW-9. All borings were advanced to refusal at bedrock, at 7 to 24 ft bgs. **Figure 6 in Attachment A** presents the soil boring locations.



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Soil was collected at 4-foot intervals using macro core samplers. The soil from each 4-foot core was inspected, and observations were recorded in a soil boring log. START described each soil sampling interval using the Unified Soil Classification System (USCS). Soil descriptions were recorded in a START boring log to create a detailed record of the lithology and potential contaminant characteristics of each boring. Documentation was maintained of any fill materials, odors, discoloration, or staining suggesting potential contamination.

Each 6-inch depth interval was field screened for VOCs using a MultiRAE PID. The MultiRAE PID identified VOCs at GP-5 at up to 54.3 units at approximately 2.5 feet bgs and up to 530 units at approximately 11 feet bgs; at GP-10 at up to 87 units at approximately 15.5 feet bgs; at GP-11 up to 1,219 units at approximately 18 feet bgs; at GP-17 at up to 311 units at both 12 and 20 feet bgs; at GP-18 at up to 908 units at approximately 21 feet bgs; and up at TMW-6 at up to 7 units at approximately 5.5 feet bgs. VOCs screened at all other borings were less than 5 units. Field screening results were also recorded in the boring logs, which are contained in **Attachment D**.

A total of 11 investigative soil samples were collected from the 18 soil boring locations. **Table 2** in **Attachment B** presents a summary of the sampling, including the sampling identification, sampling location, and analytical parameters.

Soil samples were submitted under chain-of-custody to TestAmerica Laboratories, Inc. in Savannah, Georgia, for VOC analysis using Methods SW-846 8260B and 524.2. Field duplicates were collected for quality assurance/quality control purposes.

In accordance with the approved the site-specific health and safety plan, all soil sampling activities were conducted in Level D personal protective equipment. Fresh sampling gloves were donned before sampling activities began at each new location, and for each sample to avoid cross-contamination. Non-disposable equipment that could potentially cross-contaminated samples (e.g. Geoprobe cutting shoe) was decontaminated between each sampling location using analconox wash and potable water rinse. All soil cuttings suspected of contamination generated during soil boring activities were containerized in a 55-gallon drum. At the time of this report, the containerized waste has been staged in a secure location at the Site and is awaiting off-site transportation.

PRODUCT SAMPLING

On July 26, 2012, an Illinois Railway, LLC subcontractor removed a 750-gallon UST (see **Figure 2** in **Attachment A**). The UST appeared to be in fair condition, and no evidence of leaking was observed. U.S. EPA collected a sample of residual product in the UST (WGS-UST-072612) using a bailer. The sample was submitted under chain-of-custody to STAT Analysis Corporation in Chicago, Illinois, for VOC analysis using U.S. EPA Method SW-846 8260B, total petroleum hydrocarbon (TPH) gasoline-range organics (GRO), and diesel-range organics (DRO) analysis using U.S. EPA Method SW-846 SW8015M.



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HOXSEY PROPERTY GEOPHYSICAL SURVEY

On August 13, 2012, the U.S. EPA Field Environmental Decision Support (FIELDS) Team conducted a geophysical survey of the Hoxsey property. The purpose of the survey was to locate anomalies indicative of underground structures such as tanks or other significant subsurface metallic objects that could potentially be sources of contamination at the Site. The FIELDS Team first used a Geometrics G-858G cesium vapor gradient magnetometer in a vertical gradient mode, one meter spacing, to detect ferrous metals (materials containing iron) on the property. Next, a high sensitivity electromagnetic metal detector was used to sense any type of metal to a depth of 12 to 15 feet below the sensors. Two sets of data were collected perpendicular to each other in an effort provide additional detail. The FIELDS Team isolated one 4 foot by 6 foot anomaly in the northeast region of the Hoxsey Property, approximately 4 feet bgs. The anomaly appeared to have the shape typical of a tank, but lacked the signal strength typical of a tank. Ground penetrating radar (GPR) was operated over several anomalous areas, but data were inconclusive. Further investigation at the Hoxsey property is required to identify the existence of any underground tanks. The Geophysical Survey Report is presented in **Attachment E**.

GROUNDWATER RESULTS

Groundwater VOC, SVOC, and metal analytical results were compared to U.S. EPA MCLs. MCLs are legally enforceable drinking water standards determined by the U.S. EPA and are presented in Title 40 Code of Federal Regulations (CFR) 141.61 for organic contaminants. **Table 3 in Attachment B** summarizes the analytical results for the 32 investigative groundwater samples. This table presents the results of detected constituents and includes shading to identify concentrations that exceeded MCLs. **Figure 7 in Attachment A** shows BTEX compounds detected in the residential sampling performed by START. **Figure 8 in Attachment A** presents the approximate area of BTEX contamination based on sampling conducted from 1982 to present. **Attachment F** presents the data validation report and validated laboratory analytical results for all groundwater samples. Analytical results for the samples are summarized below.

Benzene was detected in concentrations exceeding the U.S. EPA MCL of 5 µg/L in the following samples: WGC-RW01-121411, WGC-RW02-121411, WGC-RW02-121411-DP, WGC-RW01-013012, WGC-RW01-013012D, and WGC-RW01-053112. These benzene concentrations ranged from 9.2 to 2,400 µg/L.

Arsenic was detected in concentrations exceeding the U.S. EPA MCL of 10 µg/L in the following samples: WGC-RW01-121411, WGC-RW02-121411, WGC-RW02-121411-DP, WGC-RW01-013012, WGC-RW01-013012D, and WGC-RW02-013012. These arsenic concentrations ranged from 14 to 29 µg/L.

SOIL RESULTS

TACO Tier 1 residential SROs were used to evaluate the soil sampling analytical results. Constituents detected in soil were compared to the most stringent SRO from the ingestion,



inhalation, and soil component of the groundwater ingestion exposure route for Class I groundwater as provided in 35 IAC Part 742, Appendix B, Table A to evaluate compliance with the SROs for residential properties. **Table 4** in **Attachment B** summarizes the analytical results for the 11 investigative soil samples collected. This table presents the results of detected constituents and includes shading to identify concentrations that exceeded Tier I SROs. **Figure 9** in **Attachment A** presents the constituents exceeding the Tier I SROs. **Attachment F** presents the data validation report and validated laboratory analytical results for all groundwater samples. Analytical results for the samples are summarized below.

The VOCs chloroform, ethylbenzene, and total xylenes were detected in concentrations exceeding the most conservative TACO Tier I SRO for the residential inhalation/ingestion exposure pathway.

- Chloroform was detected in sample WGS-GP17-20-072512 at a concentration of 2,700 µg/kg, exceeding the Tier 1 SRO for the residential inhalation exposure pathway value of 300 µg/kg.
- Ethylbenzene was detected in sample WGS-GP11-18-072512 at a concentration of 490,000 µg/kg, exceeding the Tier 1 SRO for the residential inhalation exposure pathway value of 400,000 µg/kg.
- Total xylenes were detected in samples WGS-GP17-20-072512 and WGS-GP05-03-072612 at concentrations of 350,000 and 1,500,000 µg/kg, respectively, exceeding the Tier 1 SRO for the residential inhalation exposure pathway value of 320,000 µg/kg.

The VOCs benzene, chloroform, ethylbenzene, and total xylenes were detected in concentrations exceeding the soil component of the groundwater ingestion exposure route for Class I groundwater.

- Benzene was detected in samples WGS-GP17-20-072512 and WGS-GP05-03-072612 at concentrations of 650 and 770 µg/kg, respectively, exceeding the Tier 1 SRO for the soil component of the groundwater ingestion exposure route for Class I groundwater of 30 µg/kg.
- Chloroform was detected in sample WGS-GP17-20-072512 at a concentration of 2,700 µg/kg, exceeding the Tier 1 SRO for the soil component of the groundwater ingestion exposure route for Class I groundwater of 600 µg/kg.
- Ethylbenzene was detected in samples WGS-GP17-20-072512, WGS-GP11-18-072512, and WGS-GP05-03-072612 at concentrations of 110,000; 490,000; and 30,000 µg/kg; respectively, exceeding the Tier 1 SRO for the soil component of the groundwater ingestion exposure route for Class I groundwater of 13,000 µg/kg.
- Total xylenes were detected in samples WGS-GP17-20-072512, WGS-GP11-18-072512,



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and WGS-GP05-03-072612 at concentrations of 350,000; 150,000; and 280,000 $\mu\text{g}/\text{kg}$; respectively, exceeding the Tier 1 SRO for the soil component of the groundwater ingestion exposure route for Class I groundwater of 150,000 $\mu\text{g}/\text{kg}$.

PRODUCT RESULTS

TPH DRO, TPH GRO, ethylbenzene, toluene, and total xylene were detected in sample WGS-UST-072612, collected from a UST located on the Illinois Railway, LLC property (see **Figure 2**). The analytical results presented in **Attachment F** are tabulated below:

Analyte	Concentration (mg/kg)
TPH DRO	690,000
TPH GRO	310,000
Ethylbenzene	1
Toluene	1.1
Xylenes, Total	5.4

SUMMARY

From December 14, 2011, to August 13, 2012, WESTON START collected 32 investigative groundwater samples at the Site. Benzene was detected at concentrations exceeding the U.S. EPA MCL of 5 $\mu\text{g}/\text{L}$ in six samples collected from four private residential wells in concentrations ranging from 9.2 to 2,400 $\mu\text{g}/\text{L}$. BTEX compounds were detected in six private residential wells. The 2011 and 2012 sampling results were used in conjunction with the results obtained by IEPA in 1982 and 1983 to estimate the known area of groundwater contamination at the Site (see **Figure 8** in **Attachment A**).

From July 23-26, 2012, U.S. EPA, IEPA, and START conducted soil boring and sampling. IEPA used a direct push Geoprobe truck-mounted rig to advance 18 soil borings. All borings were advanced to refusal at bedrock, 7 to 24 ft bgs. A total of 11 investigative soil samples were collected from the 18 soil boring locations. The VOCs benzene, chloroform, ethylbenzene, and total xylenes were detected in samples collected from borings GP-05, GP-11, and GP-17 at depths of 2.5, 18, and 20 ft bgs, respectively, in concentrations exceeding at least one TACO Tier 1 residential SRO. The borings GP-05 and GP-11 were located east of North 2153 Road and west of the Illinois Railway, LLC railroad. GP-05 was collected from the Illinois Railway, LLC property, and GP-11 was collected from the right-of-way adjacent to Illinois Railway, LLC property. GP-17 was collected to the west of North 2153 Road on the right-of-way adjacent to the Hoxsey property (see **Figure 6** in **Attachment A**).

The U.S. FIELDS Team conducted a geophysical survey at the Hoxsey property and isolated one 4 foot by 6 foot anomaly, approximately 4 ft bgs. The anomaly appeared to have the shape typical of a tank, but lacked the signal strength typical of a tank. GPR was operated over several



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anomalous areas, but data were inconclusive. Further investigation at the Hoxsey property is required to identify the existence of any underground tanks and potential contamination.

Based on the results of this groundwater and soil investigation, further investigation is necessary at the Hoxsey property, the Illinois Railway, LLC property, and the Wedron Silica property. Investigation at additional potential sources of contamination is also necessary, at locations such as the former junk yard, former Standard Oil property, and other facilities identified in the future by the U.S. EPA.

If you have any questions or comments regarding this report or require additional copies, please contact me at (847) 918-4051.

Sincerely,
WESTON SOLUTIONS, INC.

Omprakash S. Patel
WESTON START Project Manager

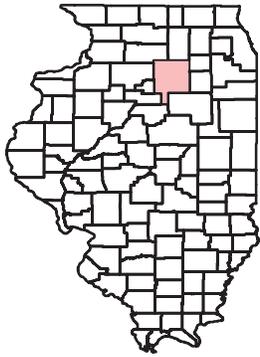
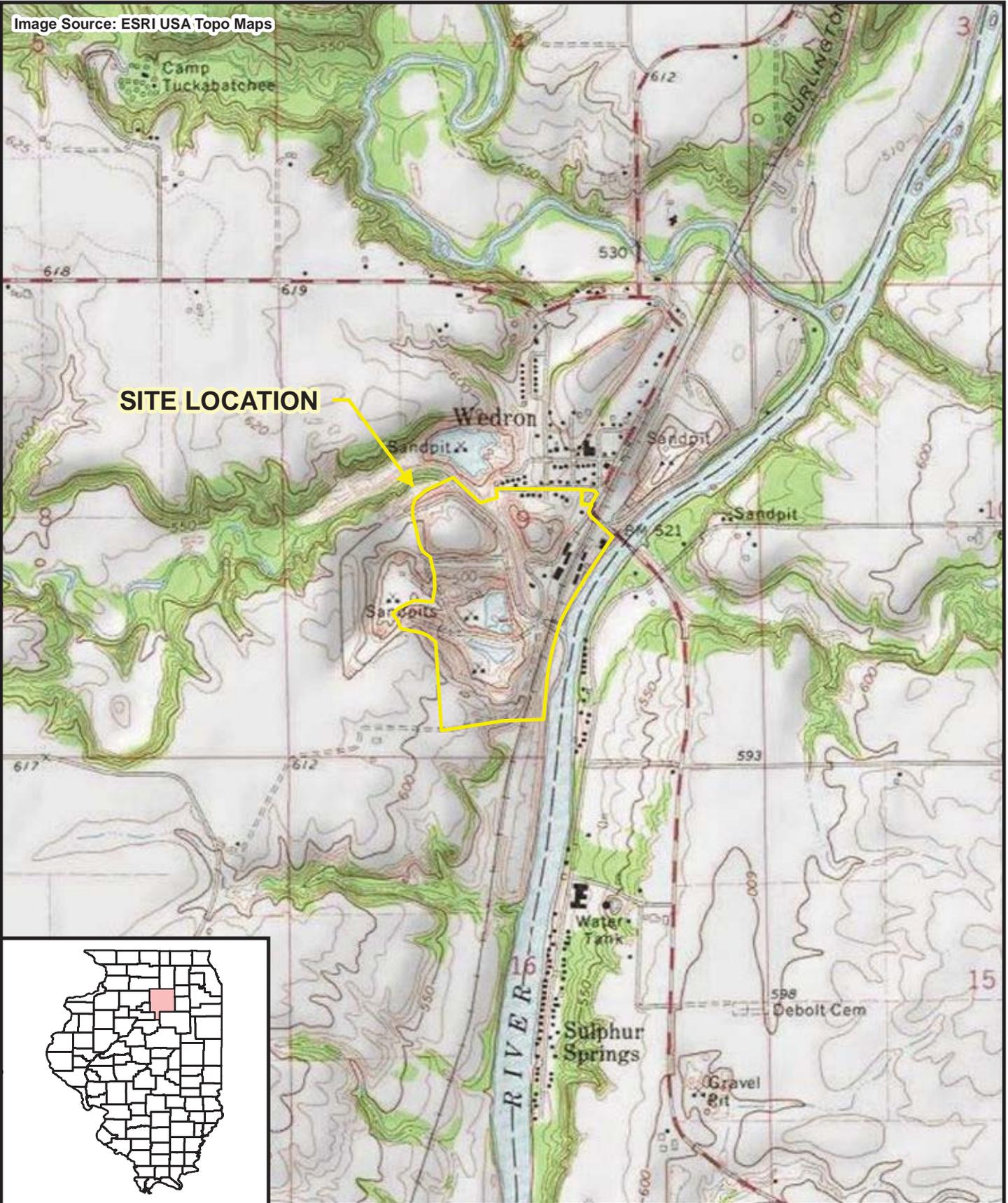
Attachments:

- A – Figures
- B – Tables
- C – Photographic Documentation
- D – Soil Boring Logs
- E – U.S. EPA FIELDS Geophysical Survey Report
- F – Data Validation Report and Validated Laboratory Analytical Results

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ATTACHMENT A
FIGURES

Image Source: ESRI USA Topo Maps



Legend

Site Boundary

0 2,000 Feet



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Figure 1

Site Location Map
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Image Source: ESRI Bing Maps



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Legend

- Well Locations
- ➔ GW Flow
- Contours



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Figure 3

Potentiometric Surface Map
05/17/1984
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Image Source: ESRI Bing Maps



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Legend

- Well Locations
- ➔ GW Flow
- Contours

0 125 Feet



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Figure 4

Potentiometric Surface Map
07/17/1984
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

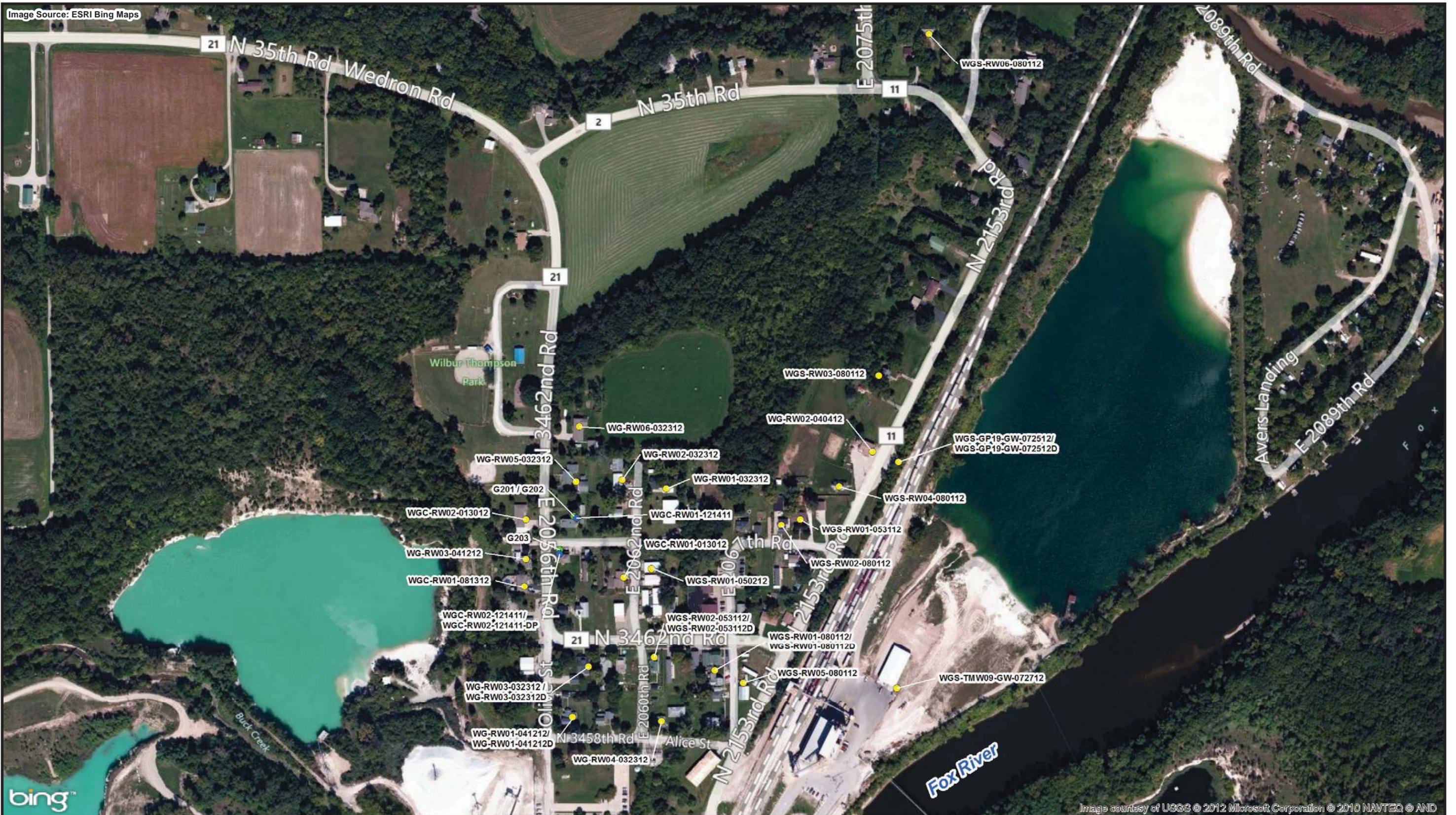


Image courtesy of USGS © 2012 Microsoft Corporation © 2010 NAVTEQ © AND

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Legend

- IEPA 2011 Sampling Location
- WESTON 2011 Sampling Location
- WESTON 2012 Sampling Location

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Figure 5
Groundwater Sampling Location Map
Wedron Groundwater Site
Wedron, LaSalle County, Illinois



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- Legend**
- Soil Sampling Location
 - Other Investigative Boring Location



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Figure 6
 Soil Sampling Location Map
 Wedron Groundwater Site
 Wedron, LaSalle County, Illinois



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Legend

- At Least One Detection
- No Detections

Units = ug/L
Micrograms per Liter

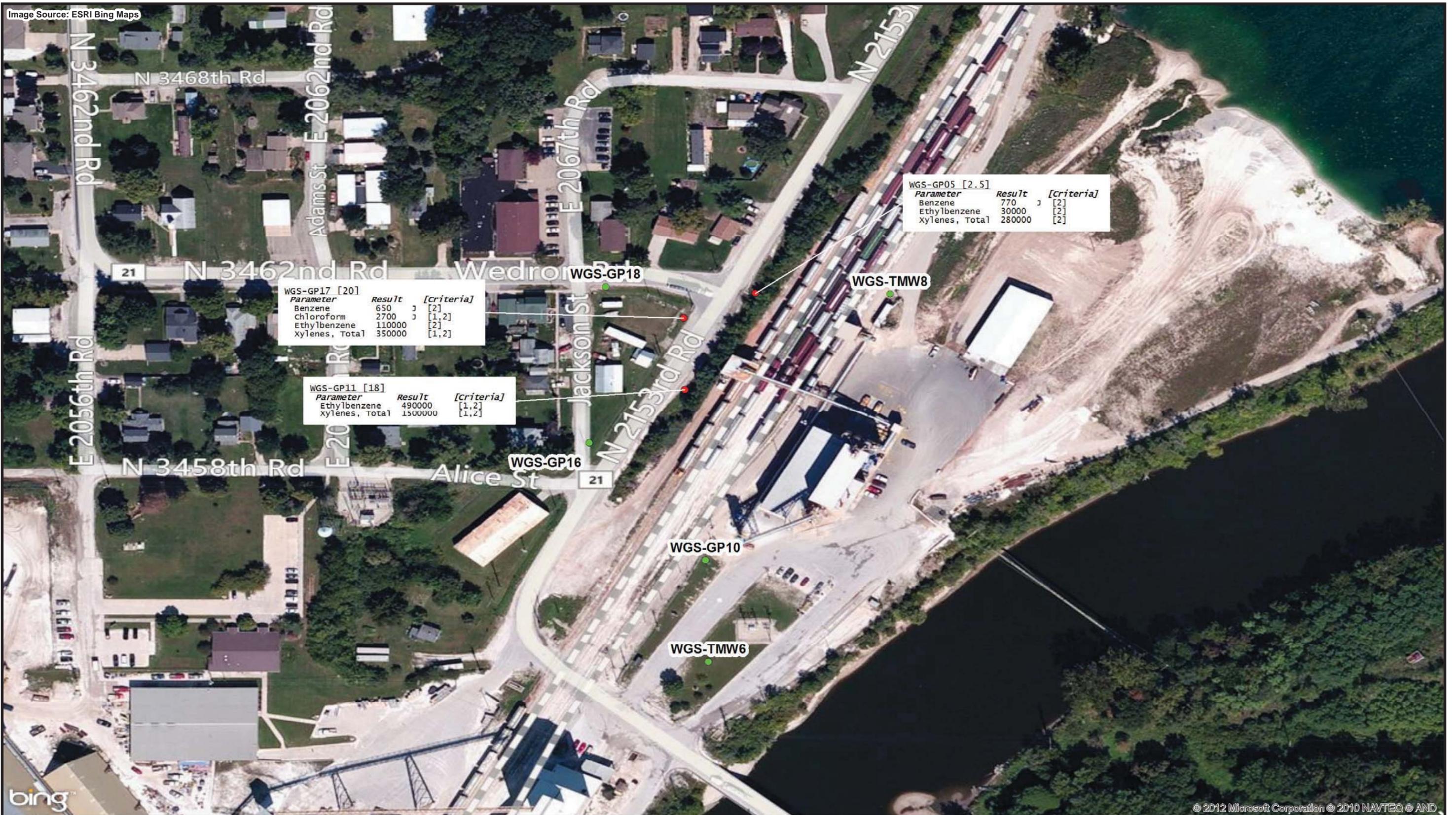


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Figure 7
BTEX Detections in Residential Wells
Wedron Groundwater Site
Wedron, LaSalle County, Illinois



WGS-GP17 [20]

Parameter	Result	[Criteria]
Benzene	650	[2]
Chloroform	2700	[1,2]
Ethylbenzene	110000	[2]
Xylenes, Total	350000	[1,2]

WGS-GP11 [18]

Parameter	Result	[Criteria]
Ethylbenzene	490000	[1,2]
Xylenes, Total	1500000	[1,2]

WGS-GP05 [2.5]

Parameter	Result	[Criteria]
Benzene	770	[2]
Ethylbenzene	30000	[2]
Xylenes, Total	280000	[2]

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Units = ug/kg
Micrograms per Kilogram

0 150 Ft

Legend

- At Least One Exceedance
- No Exceedances

Criteria:
1 - TACO Residential Minimum of Ingestion & Inhalation Pathways
2 - TACO Residential Migration to Groundwater Class I Pathway



Prepared For:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0001-1112-004
DCN: 1698-2A-BABE



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Figure 9
Soil Analytical Results Exceeding Tier I Soil Remediation Objectives
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

ATTACHMENT B
TABLES

Table 1
Groundwater Sampling Summary
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Field Sample ID	Date Collected	Type of Groundwater Sample	Analytical Parameters
WGC-RW01-121411	12/14/2011	Residential Well	VOCs, SVOCs, and Metals
WGC-RW02-121411	12/14/2011	Residential Well	VOCs, SVOCs, and Metals
WGC-RW02-121411-DP	12/14/2011	Residential Well	VOCs, SVOCs, and Metals
WGC-RW01-013012	1/30/2012	Residential Well	VOCs, SVOCs, and Metals
WGC-RW01-013012D	1/30/2012	Residential Well	VOCs, SVOCs, and Metals
WGC-RW02-013012	1/30/2012	Residential Well	VOCs, SVOCs, and Metals
WG-RW01-032312	3/23/2012	Residential Well	VOCs
WG-RW02-032312	3/23/2012	Residential Well	VOCs
WG-RW03-032312	3/23/2012	Residential Well	VOCs
WG-RW03-032312D	3/23/2012	Residential Well	VOCs
WG-RW04-032312	3/23/2012	Residential Well	VOCs
WG-RW05-032312	3/23/2012	Residential Well	VOCs
WG-RW06-032312	3/23/2012	Residential Well	VOCs
WG-RW01-041212	4/12/2012	Residential Well	VOCs
WG-RW01-041212D	4/12/2012	Residential Well	VOCs
WG-RW02-041212	4/12/2012	Residential Well	VOCs
WG-RW03-041212	4/12/2012	Residential Well	VOCs
WGC-RW01-050212	5/2/2012	Residential Well	VOCs
WGC-RW01-053112	5/31/2012	Residential Well	VOCs
WGC-RW02-053112	5/31/2012	Residential Well	VOCs
WGC-RW02-053112 D	5/31/2012	Residential Well	VOCs
WGS-GP19-GW-072512	7/25/2012	Geoprobe Screen Point Sampler	VOCs
WGS-GP19-GW-072512D	7/25/2012	Geoprobe Screen Point Sampler	VOCs
WGS-TMW9-GW-072712	7/27/2012	Monitoring Well	VOCs
WGS-RW01-080112	8/1/2012	Residential Well	VOCs
WGS-RW01-080112D	8/1/2012	Residential Well	VOCs
WGS-RW02-080112	8/1/2012	Residential Well	VOCs
WGS-RW03-080112	8/1/2012	Residential Well	VOCs
WGS-RW04-080112	8/1/2012	Residential Well	VOCs
WGS-RW05-080112	8/1/2012	Residential Well	VOCs
WGS-RW06-080112	8/1/2012	Residential Well	VOCs

Table 1
Groundwater Sampling Summary
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Field Sample ID	Date Collected	Type of Groundwater Sample	Analytical Parameters
WGC-RW01-081312	8/13/2012	Residential Well	VOCs

Notes:

E = East

ID = Identification

N = North

NE = Northeast

Rd = Road

SVOC = Semi-volatile organic compound

VOC = Volatile organic compound

Table 2
Soil Sampling Summary
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Field Sample ID No.	Date Collected	Location	Property	Approximate Depth of Sample (ft bgs)	Analytical Parameter
WGS-GP10-16-072312	7/23/2012	GP-10	Wedron Silica	15.5	VOCs
WGS-TMW6-06-072412	7/24/2012	TMW-6	Wedron Silica	5.5	VOCs
WGS-TMW8-08-072412	7/24/2012	TMW-8	Wedron Silica	8	VOCs
WGS-GP16-20-072412	7/24/2012	GP-16	Right of Way/Hoxsey	19	VOCs
WGS-GP16-20-072412D	7/24/2012	GP-16	Right of Way/Hoxsey	19	VOCs
WGS-GP17-12-072412	7/24/2012	GP-17	Right of Way/Hoxsey	12	VOCs
WGS-GP17-20-072412	7/24/2012	GP-17	Right of Way/Hoxsey	20	VOCs
WGS-GP18-21-072512	7/25/2012	GP-18	Right of Way/Hoxsey	21	VOCs
WGS-GP11-18-072512	7/25/2012	GP-11	Right of Way/Illinois Railway, LLC	18	VOCs
WGS-GP05-03-072612	7/26/2012	GP-5	Illinois Railway, LLC	2.5	VOCs
WGS-GP05-11-072612	7/26/2012	GP-5	Illinois Railway, LLC	11	VOCs

Notes:

bgs = Below ground surface

ft = Feet

ID = Identification

No. = Number

VOC = Volatile organic compound

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Analytical Method	Chemical Name	Unit	Field Sample ID	WGC-RW01-121411	WGC-RW02-121411	WGC-RW02-121411-DP	WGC-RW01-013012	WGC-RW01-013012D	WGC-RW02-013012
			Sample Date	12/14/2011	12/14/2011	12/14/2011	1/30/2012	1/30/2012	1/30/2012
			MCL						
VOCs									
E524.2	1,2,4-Trimethylbenzene	µg/L	-	0.5 U	480	460	63	78	0.5 U
E524.2	1,3,5-Trimethylbenzene	µg/L	-	0.5 U	54	51	16	20	0.5 U
E524.2	2-Butanone (MEK)	µg/L	-	10 U	200 U	200 U	10 U	5 J	10 U
E524.2	2-Chlorotoluene	µg/L	-	0.5 U	10 U	10 U	6.5	8.4	0.5 U
E524.2	Acetone	µg/L	-	10 U	200 U	200 U	62	15	10 U
E524.2	Benzene	µg/L	5	9.2	2200	2200	140	180	0.5 U
E524.2	Chloroform	µg/L	-	0.5 U	10 U	10 U	0.55	0.5 U	0.5 U
E524.2	Chloromethane	µg/L	-	0.96	10 U*	10 U*	0.5 U*	0.5 U*	0.5 U
E524.2	4-Isopropyltoluene	µg/L	-	0.5 U	10 U	10 U	0.52	0.66	0.5 U
E524.2	Ethylbenzene	µg/L	700	0.5 U	1000	970	93	120	0.5 U
E524.2	Isopropylbenzene	µg/L	-	1.4	36	35	3.2	4.1	0.5 U
E524.2	Toluene	µg/L	1000	0.5 U	660	630	300	370	0.5 U
E524.2	m-Xylene & p-Xylene	µg/L	-	0.5 U	1700	1600	370	450	0.5 U
E524.2	Naphthalene	µg/L	-	1 U	51	51	6.2	8.5	0.79 JB
E524.2	N-Propylbenzene	µg/L	-	2.8	80	76	6.7	8.4	0.5 U
E524.2	o-Xylene	µg/L	-	0.5 U	560	530	110	130	0.5 U
E524.2	tert-Butyl alcohol	µg/L	-	2 U	40 U	40 U	2 U	2.2	2 U
E524.2	Trihalomethanes, Total	µg/L	-	0.5 U	10 U	10 U	0.55	0.5 U	0.5 U
E524.2	Xylenes, Total	µg/L	10000	0.5 U	2200	2100	490	640	0.5 U
SVOCs									
E525.2	2-Methylnaphthalene	µg/L	-	0.22 U	8	8	2	1.7	0.2 U
E525.2	Di-n-butyl phthalate	µg/L	-	1.7 U	16 U	16 U	0.094 JB	0.095 JB	0.082 JB
E525.2	Naphthalene	µg/L	-	0.22 U	61	60	11	8.7	0.2 U
Metals									
E200.8	Aluminum	µg/L	-	10 U	10 U	10 U	10 U	6.8 J	10 U
E200.8	Antimony	µg/L	6	1 U*	1 U*	1 U*	1 U	1 U	1 U
E200.8	Arsenic	µg/L	10	15	29	28	12	15	14
E200.8	Barium	µg/L	2000	46	150	140	80	82	41
E200.8	Cadmium	µg/L	5	0.3	0.16	0.15	0.47	0.48	0.4
E200.8	Calcium	µg/L	-	100000	120000	120000	110000	110000	100000
E200.8	Cobalt	µg/L	-	0.18 J	0.39 J	0.38 J	0.61	0.65	0.16 J
E200.8	Copper	µg/L	1300	1.7	11	12	2.5	2.8	3.4
E200.8	Iron	µg/L	-	9000	22000	21000	2200	2800	1200
E200.8	Lead	µg/L	15	0.86 B	0.16 JB	0.16 JB	0.33 J	0.52 J	0.071 J
E200.8	Magnesium	µg/L	-	43000	55000	52000	48000	48000	45000
E200.8	Manganese	µg/L	-	65	150	150	18	18	4.1
E200.8	Nickel	µg/L	-	1.3	3.6	3.5	3.8	3.8	2.2
E200.8	Potassium	µg/L	-	1900	5300	5100	4600	4600	1000
E200.8	Sodium	µg/L	-	15000	110000	100000	66000 B	67000 B	15000 B
E200.8	Zinc	µg/L	-	96	3.5 J	4.5 J	49	52	40
E245.1	Mercury	µg/L	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

			WG-RW01-032312	WG-RW02-032312	WG-RW03-032312	WG-RW03-032312D	WG-RW04-032312	WG-RW05-032312	WG-RW06-032312
			3/23/2012	3/23/2012	3/23/2012	3/23/2012	3/23/2012	3/23/2012	3/23/2012
Analytical Method	Chemical Name	Unit							
VOCs									
E524.2	1,2,4-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	1,3,5-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	2-Butanone (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
E524.2	2-Chlorotoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Acetone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
E524.2	Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Chloroform	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Chloromethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.32 J	0.33 J
E524.2	4-Isopropyltoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Ethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Isopropylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Toluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	m-Xylene & p-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Naphthalene	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
E524.2	N-Propylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	o-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	tert-Butyl alcohol	µg/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
E524.2	Trihalomethanes, Total	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Xylenes, Total	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs									
E525.2	2-Methylnaphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA
E525.2	Di-n-butyl phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
E525.2	Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA
Metals									
E200.8	Aluminum	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Barium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Cadmium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Calcium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Cobalt	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Copper	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Iron	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Lead	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Magnesium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Manganese	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Nickel	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Potassium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Sodium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA
E245.1	Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

			WG-RW01-041212	WG-RW01-041212D	WG-RW02-041212	WG-RW03-041212	WGC-RW01-050212	WGC-RW01-053112	WGC-RW02-053112
			4/12/2012	4/12/2012	4/12/2012	4/12/2012	5/2/2012	5/31/2012	5/31/2012
Analytical Method	Chemical Name	Unit							
VOCs									
E524.2	1,2,4-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	370	0.5 U
E524.2	1,3,5-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	80	0.5 U
E524.2	2-Butanone (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	1000 U	10 U
E524.2	2-Chlorotoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U
E524.2	Acetone	µg/L	10 U	10 U	10 U	10 U	10 U	1000 U	12
E524.2	Benzene	µg/L	0.5 U	0.5 U	0.5 U	3.5	0.5 U	2400	0.5 U
E524.2	Chloroform	µg/L	0.5 U	0.5 U	0.9	0.5 U	0.5 U	50 U	0.5 U
E524.2	Chloromethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U*	50 U	0.75 *
E524.2	4-Isopropyltoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U
E524.2	Ethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	2.6	0.5 U	660	0.5 U
E524.2	Isopropylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.22 J	0.5 U	27 J	0.5 U
E524.2	Toluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	180	0.5 U
E524.2	m-Xylene & p-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1600	0.5 U
E524.2	Naphthalene	µg/L	1 U	1 U	1 U	1 U	1 U	100 U	1 U
E524.2	N-Propylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.24 J	0.5 U	57	0.5 U
E524.2	o-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	69	0.5 U
E524.2	tert-Butyl alcohol	µg/L	2 U	2 U	2 U	2 U	2 U	200 U	2 U
E524.2	Trihalomethanes, Total	µg/L	0.5 U	0.5 U	0.9	0.5 U	0.5 U	50 U	0.5 U
E524.2	Xylenes, Total	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1700	0.5 U
SVOCs									
E525.2	2-Methylnaphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA
E525.2	Di-n-butyl phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
E525.2	Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA
Metals									
E200.8	Aluminum	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Barium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Cadmium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Calcium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Cobalt	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Copper	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Iron	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Lead	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Magnesium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Manganese	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Nickel	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Potassium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Sodium	µg/L	NA	NA	NA	NA	NA	NA	NA
E200.8	Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA
E245.1	Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

			WGC-RW02-053112 D	WGS-GP19-GW-072512	WGS-GP19-GW-072512D	WGS-TMW9-GW-072712	WGS-RW01-080112	WGS-RW01-080112D
			5/31/2012	7/25/2012	7/25/2012	7/27/2012	8/1/2012	8/1/2012
Analytical Method	Chemical Name	Unit						
VOCs								
E524.2	1,2,4-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	1,3,5-Trimethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	2-Butanone (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
E524.2	2-Chlorotoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Acetone	µg/L	8.1 J	10 U	10 U	10 U	10 U	10 U
E524.2	Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Chloroform	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Chloromethane	µg/L	0.5 U*	0.6	0.64	0.5 U	0.5 U	0.5 U
E524.2	4-Isopropyltoluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Ethylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Isopropylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Toluene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	m-Xylene & p-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Naphthalene	µg/L	1 U	1 U	1 U	1 U	1 U	1 U
E524.2	N-Propylbenzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	o-Xylene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	tert-Butyl alcohol	µg/L	2 U	2 U	2 U	2 U	2 U	2 U
E524.2	Trihalomethanes, Total	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
E524.2	Xylenes, Total	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs								
E525.2	2-Methylnaphthalene	µg/L	NA	NA	NA	NA	NA	NA
E525.2	Di-n-butyl phthalate	µg/L	NA	NA	NA	NA	NA	NA
E525.2	Naphthalene	µg/L	NA	NA	NA	NA	NA	NA
Metals								
E200.8	Aluminum	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Antimony	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Arsenic	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Barium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Cadmium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Calcium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Cobalt	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Copper	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Iron	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Lead	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Magnesium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Manganese	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Nickel	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Potassium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Sodium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Zinc	µg/L	NA	NA	NA	NA	NA	NA
E245.1	Mercury	µg/L	NA	NA	NA	NA	NA	NA

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

			WGS-RW02-080112	WGS-RW03-080112	WGS-RW04-080112	WGS-RW05-080112	WGS-RW06-080112	WGC-RW01-081312
			8/1/2012	8/1/2012	8/1/2012	8/1/2012	8/1/2012	8/13/2012
Analytical Method	Chemical Name	Unit						
VOCs								
E524.2	1,2,4-Trimethylbenzene	µg/L	0.5 U					
E524.2	1,3,5-Trimethylbenzene	µg/L	0.5 U					
E524.2	2-Butanone (MEK)	µg/L	10 U					
E524.2	2-Chlorotoluene	µg/L	0.5 U					
E524.2	Acetone	µg/L	10 U					
E524.2	Benzene	µg/L	0.5 U					
E524.2	Chloroform	µg/L	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U
E524.2	Chloromethane	µg/L	1	0.5 U				
E524.2	4-Isopropyltoluene	µg/L	0.5 U					
E524.2	Ethylbenzene	µg/L	0.5 U	0.5 U	0.22 J	0.5 U	0.5 U	0.5 U
E524.2	Isopropylbenzene	µg/L	0.5 U					
E524.2	Toluene	µg/L	0.5 U					
E524.2	m-Xylene & p-Xylene	µg/L	0.5 U					
E524.2	Naphthalene	µg/L	1 U	1 U	1 U	1 U	1 U	1 U
E524.2	N-Propylbenzene	µg/L	0.5 U					
E524.2	o-Xylene	µg/L	0.5 U					
E524.2	tert-Butyl alcohol	µg/L	2 U	2 U	2 U	2 U	2 U	2 U
E524.2	Trihalomethanes, Total	µg/L	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U
E524.2	Xylenes, Total	µg/L	0.5 U					
SVOCs								
E525.2	2-Methylnaphthalene	µg/L	NA	NA	NA	NA	NA	NA
E525.2	Di-n-butyl phthalate	µg/L	NA	NA	NA	NA	NA	NA
E525.2	Naphthalene	µg/L	NA	NA	NA	NA	NA	NA
Metals								
E200.8	Aluminum	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Antimony	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Arsenic	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Barium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Cadmium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Calcium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Cobalt	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Copper	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Iron	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Lead	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Magnesium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Manganese	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Nickel	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Potassium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Sodium	µg/L	NA	NA	NA	NA	NA	NA
E200.8	Zinc	µg/L	NA	NA	NA	NA	NA	NA
E245.1	Mercury	µg/L	NA	NA	NA	NA	NA	NA

Table 3
Groundwater Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Notes:

 Shaded values indicate concentration exceeds the U.S. EPA MCL

- = Not Available

* The duplicate analysis precision is not within control limits. The reported value is estimated.

µg/L = Micrograms per liter

B = Analyte was found in the associated blank, as well as in the sample.

ID = Identification

J = Concentration is an approximate value.

MCL = Maximum contaminant level

NA = Not Analyzed

SVOC = Semi-volatile organic compound

U = Analyte not detected

VOC = Volatile organic compound

Table 4
Soil Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

		Residential Ingestion/ Inhalation Value	Soil Component of Groundwater Ingestion Exposure Route Value (Class I)	Location ID	WGS-GP10	WGS-TMW6	WGS-TMW8	WGS-GP16	WGS-GP16
				Field Sample ID	WGS-GP10-16-072312	WGS-TMW6-06-072412	WGS-TMW8-08-072412	WGS-GP16-20-072412	WGS-GP16-20-072412D
				Sample Date	7/23/2012	7/24/2012	7/24/2012	7/24/2012	7/24/2012
				Sampling Depth (ft bgs)	15.5	5.5	8	19	19
Analytical Method	Chemical Name			Unit					
SW8260	2-Butanone (MEK)	NA	NA	µg/kg	2700 U	20 U	24 U	24 U	21 U
SW8260	2-Hexanone	NA	NA	µg/kg	2700 U	20 U	24 U	24 U	21 U
SW8260	Acetone	70000000	25000	µg/kg	5300 U	41 U	47 U	11 J	17 J
SW8260	Benzene	800	30	µg/kg	530 U	4.1 U	4.7 U	4.7 U	4.3 U
SW8260	Carbon Disulfide	720000	32000	µg/kg	530 U	1.4 J	4.7 U	1.3 J	4.7
SW8260	Chloroform	300	600	µg/kg	530 U	4.1 U	4.7 U	4.7 U	4.3 U
SW8260	Cyclohexane	NA	NA	µg/kg	1100 U	3 J	4.1 J	9.4 U	8.5 U
SW8260	Ethylbenzene	400000	13000	µg/kg	530 U	4.1 U	1.4 J	4.7 U	4.3 U
SW8260	Isopropylbenzene	NA	NA	µg/kg	430 J	4.1 U	4.7 U	4.7 U	4.3 U
SW8260	Toluene	650000	12000	µg/kg	530 U	4.1 U	4.7 U	4.7 U	4.3 U
SW8260	Methylcyclohexane	NA	NA	µg/kg	850 J	0.75 J	1.1 J	9.4 U	8.5 U
SW8260	Xylenes, Total	320000	150000	µg/kg	760 J	2.4 J	3.8 J	9.4 U	2.3 J

Table 4
Soil Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

	Residential Ingestion/ Inhalation Value	Soil Component of Groundwater Ingestion Exposure Route Value (Class I)	Location ID	WGS-GP17	WGS-GP17	WGS-GP18	WGS-GP11	WGS-GP05	WGS-GP05	
			Field Sample ID	WGS-GP17-12-072512	WGS-GP17-20-072512	WGS-GP18-21-072512	WGS-GP11-18-072512	WGS-GP05-03-072612	WGS-GP05-11-072612	
			Sample Date	7/25/2012	7/25/2012	7/25/2012	7/25/2012	7/26/2012	7/26/2012	
			Sampling Depth (ft bgs)	12	20	21	18	2.5	11	
Analytical Method	Chemical Name		Unit							
SW8260	2-Butanone (MEK)	NA	NA	µg/kg	2000 U	20000 U	1800 U	95000 U	3500 J	44000 U
SW8260	2-Hexanone	NA	NA	µg/kg	900 J	21000	1800 U	95000 U	21000 U	44000 U
SW8260	Acetone	70000000	25000	µg/kg	4100 U	39000 U	3600 U	190000 U	42000 U	88000 U
SW8260	Benzene	800	30	µg/kg	410 U	650 J	360 U	19000 U	770 J	8800 U
SW8260	Carbon Disulfide	720000	32000	µg/kg	410 U	3900 U	360 U	19000 U	4200 U	8800 U
SW8260	Chloroform	300	600	µg/kg	410 U	2700 J	360 U	19000 U	4200 U	8800 U
SW8260	Cyclohexane	NA	NA	µg/kg	820 U	7800 U	2300	38000 U	8300 U	18000 U
SW8260	Ethylbenzene	400000	13000	µg/kg	950	110000	360 U	490000	30000	8800 U
SW8260	Isopropylbenzene	NA	NA	µg/kg	350 J	10000	360 U	55000	7300	8800 U
SW8260	Toluene	650000	12000	µg/kg	410 U	12000	360 U	6400 J	5100	8800 U
SW8260	Methylcyclohexane	NA	NA	µg/kg	2700	47000	710 U	250000	17000	18000 U
SW8260	Xylenes, Total	320000	150000	µg/kg	2600	350000	710 U	1500000	280000	18000 U

Table 4
Soil Sampling Results Summary Table
Wedron Groundwater Site
Wedron, LaSalle County, Illinois

Notes:

-  Shaded values indicate concentration exceeds the Soil Remediation Objective for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater)
-  Shaded and outlined values indicate concentration exceeds the Soil Remediation Objective for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) and the Residential Ingestion and/or Inhalation pathway.

µg/kg = Micrograms per kilogram
ID = Identification
J = Concentration is an approximate value
NA = Not available
SVOC = Semi-volatile organic compound
U = Analyte not detected
VOC = Volatile organic compound

ATTACHMENT C
PHOTOGRAPHIC DOCUMENTATION



Site: Wedron Groundwater Site

Photograph No.: 1

Direction: Down

Subject: Purging well from indoor faucet at residence

Date: January 30, 2012

Photographer: Jeff Bryniarski



Site: Wedron Groundwater Site

Photograph No.: 2

Direction: Northwest

Subject: Purging well from an outdoor spigot at residence

Date: March 23, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 3

Direction: South

Subject: Tri-County Utility Locators subcontractor investigating the presence of underground utilities using GPR

Date: July 23, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 4

Direction: West

Subject: IEPA advancing a soil boring using a Geoprobe® at location GP-10

Date: July 23, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 5

Direction: Northeast

Subject: Soil boring collected from location TMW-7

Date: July 24, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 6

Direction: North

Subject: IEPA collecting groundwater sample from a Geoprobe® Screen Point 16 sampler

Date: July 25, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 7

Direction: North

Subject: OmniTRAX subcontractor removing a 750-gallon UST with an excavator

Date: July 26, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 8

Direction: East

Subject: Product sample WGS-UST-072612 collected from a 750-gallon UST located on OmniTRAX property

Date: July 26, 2012

Photographer: David Sena



Site: Wedron Groundwater Site

Photograph No.: 9

Direction: North-northwest

Subject: U.S. EPA FIELDS conducting a geophysical survey at the Hoxsey property using a GPR.

Date: August 13, 2012

Photographer: Jon Colomb



Site: Wedron Groundwater Site

Photograph No.: 10

Direction: South

Subject: Outline of underground anomaly located in the northeast region of the Hoxsey Property.

Date: August 13, 2012

Photographer: Jon Colomb

**ATTACHMENT D
SOIL BORING LOGS**

Job Name	Wedron GW Site	Boring No.	4/23
Job No.	1098	Logged By	Seng
Date Drilled	7/26/12	Completion Depth	24
Drilling Co.	LEA	Location	Omnitrak
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	0905	100		8" top soil to sandy silt, light brown, dry, firm, very little fine subangular gravel.	0 0 0 0 0 0 0 0	no staining no odor
4	0910	100		Reddish & yellowish silty sand with fine angular gravel and little angular cobble, dry, very little clay in 1" seams, well sorted	0 0 0 0 0 0 0 0	
8	0915	75		light brown fine sand, poorly sorted, moist, little clay in 2" seams	0 0 0 0 0 0 0 0	
12					0 0 0 0 0 0 0 0	
12.5					0 0 0 0 0 0 0 0	
13.5	0920	75		light brown clay with little sand, firm, moist	0 0 0 0 0 0 0 0	
16					0 0 0 0 0 0 0 0	
17	0935	75		tan Brown transitioning to gray clay, uniform, very firm, moist.	0 0 0 0 0 0 0 0	
20					0 0 0 0 0 0 0 0	
	0945	60		Gray clay, uniform, very firm, moist.	0 0 0 0 0 0 0 0	
24					0 0 0 0 0 0 0 0	Refusal at 24ft

No Sample Collected

Job Name	Wedron GW Site	Boring No.	GP-4
Job No.	1698	Logged By	Seng
Date Drilled	7-26-12	Completion Depth	20
Drilling Co.	IEPA	Location	OmniTrak Property
Drill Foreman	Sim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1010	75		Silty gravel & asphalt cinders, dry	0.0 0.0	no staining no odor
1				light brown with little sand and coarse subrounded gravel, dry, firm	0.0 0.0 0.0 0.0	
4				↓	0.0 0.0 0.0 0.0	
6	1020	90		Brown coarse sand with some coarse angular gravel, dry, medium loose, well graded	0.0 0.0 0.0 0.0	
8				↓	0.0 0.0 0.0 0.0	
12	1025	75		light brown fine sand, poorly graded, loose, very little clay	0.0 0.0 0.0 0.0	
16	1035	90		light brown clay with little sand, firm, moist, interspersed with light brown fine sands, moist, loose	0.0 0.0 0.0 0.0	
20	1045	90		↓	0.0 0.0 0.0 0.0	
				yellow brown transitioning to gray clay, moist, very firm.	0.0 0.0 0.0	

Job Name	Wedron GW Site	Boring No.	GP-5
Job No.	1698	Logged By	Sena
Date Drilled	7-26-12	Completion Depth	23
Drilling Co.	ICPA	Location	Omnitrak Property
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	0740	100		6" of top soil grading to black sandy silt, with some clay, medium soft, poorly graded, dry.	32.4 38.5 54.3	Black staining product odor
2.5				yellow brown clay with little sand and coarse subrounded gravel, dry, firm.	20.4 31.6 31.2	no staining
4						
	0745	100		Orange & Brown & yellow sand (coarse) and gravel (coarse, angular), well graded, medium density, dry → grades into poorly graded coarse sand with little gravel	1.4 0 0 0 0 0	no staining no odor
6						
8						
	0755	75		Black & gray clay with occasional fine sand seams, poorly graded, moist, sand is medium loose, clay is medium dense.	5.4 0 51.4 70.1 20.4	Staining & product odor present
10						
12						
				Gray clayey & gravelly sand, well sorted, moist, gravel sub rounded	530 24 102 161.4 131.7	light staining
13						
16				gray fine sand with some clay, moist moist, poorly sorted		no staining
17	0810	75		2" layer of brick at 17 ft bgs	11.1	
				gray & brown sand and angular gravel, well sorted, moist,	15.0 0.6 0.0	no odor
20						
	0820	50		Gray clay, firm, moist	0 0 0 0 0	
23						

0830 - WGS-GP05-03-072612

0835 - WGS-GP05-11-072612

Job Name	Wedron GW Site	Boring No.	GP-6
Job No.	1698	Logged By	SENA
Date Drilled	7-26-12	Completion Depth	7 ft
Drilling Co.	LEPA	Location	South of Wedron FD
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1230	100		8" of gravelly top soil transitioning to light brown clay, with little coarse sand, dry, firm.	0 0 0	No staining
4				light brown fine soft sand, poorly sorted, dry	0 0 0	No odor
4.5	1235	100		reddish brown silty sand with occasional clay seams (firm, dry), dry, medium loose	0 0 0 0	↓ refusal
7				very fine white sand bedrock	0	

Job Name	Wedron GW Site	Boring No.	GP-9
Job No.		Logged By	SPna
Date Drilled	7/24/12	Completion Depth	14
Drilling Co.	IEPA	Location	
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1600	100		Black to gray sandy silt with little angular gravel, soft, dry	0 0 0.016	no odor no staining
3	-	-	-	gray angular gravel, dense, dry	0	-
3.5	-	-	-	grading more firm	0	-
4						
	1615	100		Dark brown to reddish brown silt with sand, medium firm, well graded, dry transitioning to reddish brown clay with sand, firm, dry, well graded.	0 0 0 0 0	
8						
	1620	80			0 0 0	
11				green brown sand with gravel and silt, gravel is angular, dense, moist	0 0 0	
12						
	1625	100		Silty gravel with sand, orangish brown dense, dry, angular, well graded	0 0 0	
13				Beige yellow/brown fine sand with gravel, grading firm, dry, well graded	0	
14						Refusal at bedrock, no water No sample collected

Job Name	Wedron GW Site	Boring No.	GP-10
Job No.		Logged By	Seha
Date Drilled	7/23/12	Completion Depth	
Drilling Co.	IEPA	Location	
Drill Foreman	Jim Salch	Drill Rig Type	

Depth (ft bgs)	Time	% Rec.	Classification	Description	Screening/ Headspace Reading	Other Observations
						0-4' excluded based on data generated from MIP (major lack of voc hits)
4	1640	90		silty sand Light brown sand with some rounded gravel, well graded, subangular dry, medium dense	0.411 0 0	no odor
6						
8		90		Dark brown clayey silt grading to brown poorly graded sand, dry, dense	0 0 0.25	no odor
		75		moist mottled brown, gray sand with gravel (fine, subangular) well graded, dry, loose	0 0 6	
11						
12		75		sub light brown silty sand with medium angular gravel, moist, medium dense	0 0 0	
		60		brown sand and gravel, well graded, moist to wet, coarser with depth	0 0 0	no odor
15	1710					
16	1715			Black clay, moist, firm to angular cobble bedrock	.500 0.40 87.0	WGS-GP10-16-072312 product odor present

18 → drilled to 18, hit refusal bedrock, no water present in screen point.

Job Name	Wedron GW Site	Boring No.	GP-11
Job No.	1696	Logged By	Seha
Date Drilled	7-25-12	Completion Depth	20 ft bgs
Drilling Co.	LEPA	Location	
Drill Foreman	Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1415	100		Dark brown sandy silt with some angular gravel, well graded, occasional 2" clay seams, medium loose, dry	0 0 0 0	no staining no odor
3.5					0	
4	1425	100		Dark brown sandy silt, poorly graded, dry, medium loose	0 0 0 0	
7					0	
8	1440	75		Brown sand with little angular gravel, loose, moist, well graded	0 0	
9				Gray clay, firm, dry, uniform	0	
11				Reddish brown silty sand with coarse, angular gravel, well sorted, loose, dry	0 0	
12	1515	50		Gray clay, firm, dry, uniform	0	
16				gray fine sand, poorly sorted, dry, medium loose, little fine subangular gravel	0 80.7 43.4 31.5	no staining product odor
19	1540	75		Dark gray coarse sand with silt, grading to fine silty sand, poorly sorted, moist, medium loose	102 529 1219 136	no staining gasoline odor
20				clayey silt, gray, firm, poorly sorted, moist	41.6 355	collected sample at 18 ft bgs

Job Name	Wedron GW Site	Boring No.	GP-15
Job No.	1698	Logged By	Scha
Date Drilled	7/20/12	Completion Depth	
Drilling Co.	IEPA	Location	
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1410	100		5" top soil to sand/silt with some fine subrounded gravel, dry, firm, light brown transitioning to brown	0 0 0 0 0 0	No staining No water
4				↓		
8	1415	75		Brown silty sand (fine) with clay, poorly graded, very little fine black cinders with increasing depth, dry, firm.	0 0 0 0 0 0	
12				↓		
16	1420	100		Light brown sand (fine), poorly graded, medium dense, dry, very little clay interspersed	0 0 0 0 0 0	
20				↓		
20	1435	Unk-own		Orangeish brown silty sand		Could not remove core from barrel, crunched inside barrel, refusal hit at 20ft
22	1525	100		Orangeish coarse grained silty sand with little black cinders, dry, poorly graded, medium dense	0 0 0	refusal at sand stone at 22ft

bgs

No Sample

Job Name	Wedron GW Site	Boring No.	GP-16
Job No.	1698	Logged By	Sera
Date Drilled	7/24/12	Completion Depth	
Drilling Co.	JEPA	Location	4
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1600 1640	100		Top Soil	0 0 0	No odor
1				Brown silt with some sand, firm, dry, homogeneous	0 0 0	No staining
4				↓	0 0	
5	1650	100		Light brown sand with silt and fine, subrounded gravel, medium dense, dry	0 0 0 0	
8				↓	0 0	
	1700	100		Light brown, orange, red sand with gravel and cobble, angular, medium loose, moist, & 4" clay seam at 11.5'	0 0 0 0	
12				↓	0 0	
	1715	75		Black & gray sand with some silt, medium loose	0.291 0.615 0.835	No staining no st odor
16				Black & gray sand with some silt, medium loose	0.601 0.509	Black staining Slight ^{Petroleum} odor
18	1725	50		grayish brown sand with some silt, medium loose, poorly graded, some gravel, angular, moist	4.7 0.31	Black staining collected WGS-GP16-207-072412
20				Black & gray sand, soft, well graded, moist → grading to same but less black & more brown		

Brown

& Dup at ~19' bgs

Job Name	Wedron GW Site	Boring No.	GP-16
Job No.	1696	Logged By	Senh
Date Drilled	7/24/12	Completion Depth	
Drilling Co.	IEPA	Location	
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
20	1740	100		black and gray sand, medium loose, poorly graded, dry.	0.840	slight staining
-	-	-	-	Brown ^{clay} silt with some angular cobble, very firm. Grading to angular cobble. Dry	0.310	- - - -
21					0.222	refusal at 21' sandstone bed-rock, no water

Job Name	Wedron GW Site	Boring No.	GP-17
Job No.	1698	Logged By	Sena
Date Drilled	7-25-12	Completion Depth	
Drilling Co.	IEPA	Location	Hoxsey Property
Drill Foreman	Jim Salch	Drill Rig Type	Geo probe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	0735	100		Top soil to gravelly silt, brown to yellow brown, angular, medium, dry	0 0.404 1.268 0.451	No odor No staining
3					0.303	
4					0.519	
6	0750	80		Brown silt with sand and some gravel, firm, dry, gravel is sub angular	0.063 0.0	
8				Orange Brown sand with silt and little gravel, fine & subangular, soft, moist	0.013 0	
9	0800	80		↓ Black & Gray stained sand, poorly graded, moist, medium loose	0 0.302 0.060 244 201 151	Gasoline odor Black staining
11				Gray & Black stained clay with sand	311	WGS-GP17-20-072512
12				↓	114	
	0810	80		Brown & Gray sand, poorly sorted, coarse, moist, medium loose	103 923	
				Brownish Gray clay, very firm, moist	103 94	Gasoline odor
16	0820	80		↓	155	no staining
				Gray to grading to brown coarse sand and gravel (coarse, angular) with little angular cobble, medium density, moist	213 134 304 311	↓

Job Name	Wedron GW Site	Boring No.	G-17
Job No.		Logged By	SENG
Date Drilled	7/25/12	Completion Depth	22.5
Drilling Co.	LEAA	Location	
Drill Foreman	Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
20	0835	100		↓ Gray clay, moist, very firm,	133 267 28.2	No staining no odor
22.5				Gray to Brown to white sand, poorly sorted, loose, moist, coarse	55.5 67.0 33.8	↓

Job Name	Wedron GW Site	Boring No.	G1P-18
Job No.	1698	Logged By	SENG
Date Drilled	7/25/12	Completion Depth	
Drilling Co.	IEPA	Location	Horsev Property
Drill Foreman	Jim Salch	Drill Rig Type	Geoprobe

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1135	75		Light Brown & Gray sand with gravel (coarse, angular), medium loose, dry, well graded	0	No staining No odor
1.5				Brown silt with some sand, medium firm, poorly graded, dry	0	
4					0	
4.5	1145	50		Red angular cobble, potentially brick, with sand, medium dense, well graded, moist	0	
8				Yellowish brown silty sand with gravel (fine, subrounded), moist, medium loose, poorly sorted	0	
12	1150	75		Yellowish brown sand, fine, with little silt, moist, poorly graded	0	
15	1200	90		Brown clay with sand, firm, well graded poorly graded, moist	0	
16				Yellowish brown sand with gravel (coarse angular), moist, well graded, loose	0	
20	1215	75		Brown sand, poorly graded, wet, loose	0	
21	1230	90		Black stained silty sand, poorly graded, medium loose, moist	9.4	Black stained gas line odor
22				Gray clay, firm, moist to dry at bottom	9.08	
24					58.1	

Refusal at 24' bgs, sandstone bedrock @ 1235
 WGS-G1P18-21-0358

Job Name	Wedron GW Site	Boring No.	GL19
Job No.	1698	Logged By	Sera
Date Drilled	7-25-12	Completion Depth	
Drilling Co.	TEPA	Location	Omni-trak Property
Drill Foreman	Salch	Drill Rig Type	Hydrovac

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	0920	90		Silty gravel grading to sand with gravel (coarse, angular) and some clay, wet moists, medium looseness, well graded, orange & brown	0 0 0 0 0	No staining no odor
6	0940	100		↓ same as above but no gravel, poorly graded	0 0 0 0 0	
12	0950	80		↓ same with some wetness	0 0 0 0 0	
13	1000	80		↓ Gray clay, very firm, moist,	0 0 0 0 0	
16	1010	100		↓ Gray sand, wet, coarse, poorly sorted	0 0 0 0 0	
17.5						refusal at 17.5, sand stone

Job Name	Wedron GW Site	Boring No.	TMW-3
Job No.	1698	Logged By	Sena
Date Drilled	7-26-12	Completion Depth	20.05
Drilling Co.	LEPA	Location	Fairmount Building
Drill Foreman	Salch	Drill Rig Type	

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1300	75		6" Top soil to gravelly silt with sand, brown, firmer with depth, well graded subangular gravel	0 0 0 0	No staining No odors
3.5				Brick & angular cobble	0	
4					0	
	1305	75		light brown clay, medium firmness, uniform, dry. clay becomes softer with depth, greater concentration of silt with depth	0 0 0 0	
8					0	
	1310	75			0 0 0 0	
12					0	
	1315	90		Light brown & red coarse sand with fine to coarse angular gravel, moist, well graded.	0 0 0 0	
15.5					0	
16				light brown clay, firm, moist, very little rounded gravel & sand	0 0 0 0	
18	1325	90			0	
				light brown gravelly sand, dense, dry, angular & coarse gravel, well graded.	0 0 0 0	
20					0	
					0 0 0 0	
20.5				very fine white sand, very poorly graded	0 0 0 0	
20.05					0	refusal on sand-store

Job Name	Wedron GW Site	Boring No.	TMW-6
Job No.		Logged By	
Date Drilled	7-24-12	Completion Depth	6.5
Drilling Co.	IEPA	Location	Wedron Silica Property
Drill Foreman	Jim Salch	Drill Rig Type	

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	0736	100		Topsoil in to 4" light brown sandy silt with some fine angular gravel, dry, soft. Gravel becoming coarse with depth	0 1.5 1.5 2.0	no odor no staining
4	0750	100		↓ 2" of angular coarse gravel to dark brown clay with sand, dry, firm.	0.6 1.9 7.0 1.6 2.1 3.2	no odor no staining
8	0755	50		orangeish brown clay with sand, dry, firm, little little cobble	0.940 0.469 0.501 0.662	no odor no staining
11				light brown sand with little cobble and gravel, fine, poorly graded	0.211 0.620	
12	0810	50		↓ light brown clay with some sand, firm, moist. reddish brown coarse sand with gravel, moist, loose, angular	0 0 0 0	no odor no staining
14.5						
15.5						
16	0820	100		light brown/white coarse sand, poorly graded, moist	0 0	no odor no staining
16.5						

* No MIP boring advanced at this location

→ Re boring another in the same location at this depth to collect sample
0850 → WGS-TMW6-06-072412 at about 5.5 to 6 ft bgs

Job Name	Wedron GW Site	Boring No.	TMW-7
Job No.		Logged By	
Date Drilled		Completion Depth	15 ft bgs
Drilling Co.		Location	
Drill Foreman		Drill Rig Type	

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0	1120	100		Dark brown silt with sand, medium firm, dry,	0 0 0.016	
1.5				Gray Angular cobble with sand, dry	0	
2			0			
4			0			
8	1125	50		Dark brown clay with occasional 2" white sand seams, medium coarse, moist , medium dense dry	0 0 0 0	
12	1135	50		↓ sandy gray clay with gravel, rounded, dense firm, dry, poorly graded	0 0 0 0	
13.5	1145	75		↓ yellow fine sand, homogeneous, soft dry	0 0 0	
15						refusal at 15ft No water

Job Name	Wedron GW Site	Boring No.	TMW-8
Job No.		Logged By	Sena
Date Drilled	7-24-12	Completion Depth	
Drilling Co.	IEPA	Location	wedron silica adjacent to Rail
Drill Foreman	Jim Salch	Drill Rig Type	

Depth (ft bgs)	Time	% Rec.	Classification	Description	Headspace Reading	Other Observations
0				Silty gravel, loose, angular, dry	0	no odor
	1035	100		brown sand with some gravel, firm, dry, not poorly graded, angular	0.127 0.608 0.317 0.363	no staining
4				Dark	0	no odor
5	1050	75		Dark brown silt with sand, well graded	0	no staining
9	1100				0	Collected WGS-TMW8-08-07a 412

ATTACHMENT E
U.S. EPA FIELDS GEOPHYSICAL SURVEY REPORT

**Geophysical Survey Report
Wedron Ground Water Site
Wedron, Illinois**

**Date of Survey
August 13, 2012**



**James Ursic
Superfund Division - Field Services Section
United States Environmental Protection Agency
Region 5
Chicago, Illinois**

Introduction

At the request of Steve Faryan, USEPA On-Scene Coordinator – Region 5, a geophysical survey was conducted on August, 13 2012 in Wedron, Illinois on property bounded by County Highway 21 (E 2153 & N 3462) to the north and east with Jackson Street to the west which ultimately merge together to form a triangle shaped parcel (see Figures 1 and 2). The purpose of the survey was to locate possible buried tanks or other significant subsurface metallic objects, if any. Present during the survey besides the survey operator were Steve Faryan and an USEPA contractor.

The site is a vacant lot with a few notable landmarks which include a small raised concrete pad, which seemed to be a well, several utility poles, street signs, sidewalks and a well head. The survey area is bounded on the north, east and west sides by roads and a mobile home trailer to the south.

Several geophysical instruments were used at this site and included a cesium vapor gradient magnetometer, a high sensitivity time domain electromagnetic metal detector, and ground penetrating radar. The ground penetrating radar provided inconclusive data, probably due to the saturated ground inhibiting signal response.

Site Conditions

Weather conditions during the survey were poor due to rain which ranged from a drizzle to steady rainfall during the entire survey, data were collected throughout these conditions. Access to the site for maneuvering geophysical equipment was only hampered by obstructions such as signs, utility poles and a raised well. Such obstacles had a larger impact on the metal detector since its detector is on a wheeled cart and harder to maneuver.

Field Procedures

Gradient Magnetometer

This instrument is limited to detecting ferrous metals (materials containing iron) and was the first instrument deployed at the site. Depth detection limits are dependent on the size and mass of the ferrous metal. Lateral sensor detection extents are also dependent on the amount of mass present and may extend slightly beyond the actual source limits.

The magnetic survey was conducted using a Geometrics G-858G cesium vapor gradient magnetometer in a vertical gradient mode, one meter spacing. Sensor orientation had a configuration of rotation at 45 degrees with a tilt angle set to 0 degrees, per manufacture's guidance document.

Data collection was guided by a Trimble AgGPS parallel swathing unit set to an interval of 5 feet. The AgGPS unit was augmented with a differential correction process using OmniSTAR service for sub-meter accuracy. Traverses were walked in alternating paths trending north-

northwest and south-southeast. These traverses are shown as grey dots in Figure 5. In some areas these grey dots indicate circular patterns, this occurred when an above ground obstacle was encountered and the operator walked in a circle around the object thus making this information part of the data set.

The area investigated was bounded by the road to the north, the boundary between the paved parkway and highway to the east, parked cars along Jackson Street and the mobile trailer home to the south. This boundary is illustrated on Figure 2.

A definitive description of the ferrous anomalies such as scrap metal, automobiles, drums, etc. is almost impossible to determine since no one value is unique to a specific object. However, an idea of metal mass concentrations can be inferred since the magnetic intensity of an anomaly increases as mass of the metal increases.

High Sensitivity Electromagnetic Metal Detector

This instrument is capable of sensing any type of metal to a depth approximately 12 to 15 feet below the sensors and was the second instrument deployed at the site. The lateral extent of detection is narrowly limited to the size of the antennas which are 1 Meter wide (parallel to direction of travel) and 0.5 Meter long (perpendicular to direction of travel).

The parallel swathing option was not used to guide data collection efforts since this unit uses an aluminum backpack platform to carry the system and would be detected by the metal detector tool, whereas the magnetometer does not detect aluminum. In place of the parallel swathing system, a grid was established by placing measuring tapes offset from the east, west, north and south boundaries, within the central portion of the survey area. Flagging was then spaced at intervals of ten feet as visible markers to guide the operator who traversed at five foot intervals on and between flagging markers. Refer to Figure 2 which illustrates the location of this grid. The origin this grid is located where the paved parkway intersects the edge of Highway 21 and along a parallel line approximately five feet north of the mobile home trailer's north wall.

Two sets of data were collected perpendicular to each other in an effort provide additional detail, Refer to Figures 4 and 5. Note that the grid extents of the metal detector survey do not match that of the magnetometer, this was decision was made to avoid moving the wheeled metal detector around surface obstacles. Such obstacles would be detected by the tool and provide erroneous data.

Post Data Collection Efforts

After the surveys were completed, the metal detector was randomly deployed around the area to further delineate suspected anomalies. Of particular note was an anomaly not readily apparent in either data sets near the sidewalk near the east side of the site, refer to Figures 4 & 5. The anomaly appears to have the shape typical of a tank, but lacked the signal strength typical of a tank. Such anomalous areas were marked with spray chalk, but at the end of the day these marks disappeared due to rain which washed off the chalk. Ground penetrating radar (GPR) was

operated over several anomalous areas, but data were inconclusive. The GPR antenna used was 250 MHz.

Data Processing

Data were processed using Golden Software's Surfer 9 contouring program using the Kriging Method. The contour level used for the magnetometer data was 200 gammas per meter with the zero contour level being omitted. Note that magnetometer data consists of positive and negative values and are illustrated using blue contours for positive values and red contours for negative values.

Metal detector contours used an interval of 200 Mv.

Conclusions

Results of the survey are presented in Figures 3, 4 and 5, which combines surface landmarks with contoured surface and underground anomalies.

It is important to note that anomalous results from each method and each traverse may not duplicate exactly one to another. This is due to differences in detector capabilities –limitations – interferences and how each anomaly is passed over (distance from target, angle to target, etc.) by each detector.

Anomalous areas are illustrated by green shaded areas annotated with Alpha identifiers in Figure 3, magnetometer data, and with numeric and text identifiers in Figures 4 and 5 for metal detector data.

The following key is provided to identify each Alpha character in Figure 3:

- A) Probable interference from metal on and inside mobile home trailer and possible metal debris underground.
- B) Mass of ferrous metal within southern portion of anomaly and a linear anomaly trend emanating northwest of this mass.
- C) Possible linear trend south-south east, but could be individual masses in alignment, note that strength of anomaly masses seem to weaken as it trends SSE. It is critical to note that the utility pole at the north end of this anomaly has significant cables going into the ground at the base of the pole and it is unknown where these cables exist underground. Any anomaly in this area near this utility pole may be influenced by this cable.
- D) Another anomaly with a linear trend.
- E) This area has a concentration of surface obstacles that are causing interference to the data such as road sign and utility poles with guy wires. These surface objects could mask and anomalous areas underneath.
- F) Anomalous area from interferences by nearby sewer manhole cover, road signs and utility pole.

- G) Several anomalous areas with a linear trend that may be related to the nearby well.
- H) Unknown anomaly, probably a single point source. Note that this area appears to be within a utility corridor.
- I) Unknown anomaly that may or may not be associated with anomaly “J”. Most likely this anomaly may have some reference to some type of utility since it appears to be within a utility corridor.
- J) It seems this anomaly appears coincidentally with a yellow (gas) utility locate marker painted on the parkway in this area.
- K) Unknown ferrous mass in this area.
- L) Unknown ferrous mass just off roadway in utility corridor. Possible route of underground cabling from nearby utility pole.
- M) Minor ferrous masses in this area.
- N) Possible buried tank based on post survey traverses by metal detector.

The following key is provided to identify each numeric and text reference in Figures 4 & 5:

- Area 1) Area containing metal which seems to correlate with Area B in Figure 3 and Area 1 in Figure 5.
- Area 2) This anomaly is most likely near surface and small since the magnetometer has a very weak signature in this area. The perpendicular metal detector traverses shown in Figure 5 appears to have only faintly detected an anomaly in this exact area also indicating a small target. However, the more significant anomaly signature in Area 2 shown on Figure 5 does not match the exact location suggesting another small near surface anomaly. It is unclear how the overhead utility lines in this area are affecting this anomalous area.
- Area 3) This anomaly appears to match magnetic anomalies in this area and the metal detector anomaly in Figure 5 although the signature is somewhat different, probably due to how data was collected over the anomaly.
- Linear Anomaly) This signature is indicative of a linear anomaly and seems to match data from Figures 3 and 5.
- Possible Tank) Post traverse sweeps of this area with the metal detector indicated an anomaly with a rectangular shape, but with a very weak signature. It is likely that whatever this rectangular shaped anomaly is, it may be very deteriorated. GPR was unable to confirm this anomaly.

Attached to this document are site photographs taken during the day of the survey, these are Figures 6 thru 10.

DISCLAIMERS & WARNINGS:

Geophysical instruments used at this site were not configured to locate utility lines, although they could be influenced by such lines under certain conditions. It is critical *not to use this data* for utility line location since methods applied were only directed towards larger sub-surface targets, other than utility lines. (Continued on next page)

It is strongly recommended that before any intrusive sampling, test pits, or other excavation methods are applied at the site, that *all* utility services be contacted to verify that none of the anomalies are the result of or near any buried utilities. Note that not all buried utilities and pipelines are members of local utility location services.

If any excavations are attempted near anomalies mentioned in this report, it is recommended that initial ground breaking be conducted outside the anomalous area and slowly moved towards the anomaly. This procedure will reduce the probability of damaging, puncturing, or disturbing the unknown source of the anomaly.

It is extremely difficult to discriminate specific sources of targets (metal scrap, etc.) based on geophysical responses since no one example can adequately describe each possible configuration. In addition, any distortions or deteriorations of objects will also affect anomaly signatures.

Disclosure of product names in this report is not an implied or direct recommendation of the equipment used for this survey. It is only provided for its scientific value related to a specific method or tool used.

Attachments: Figures 1 thru 10



Red Polygon Represents
General Survey Area

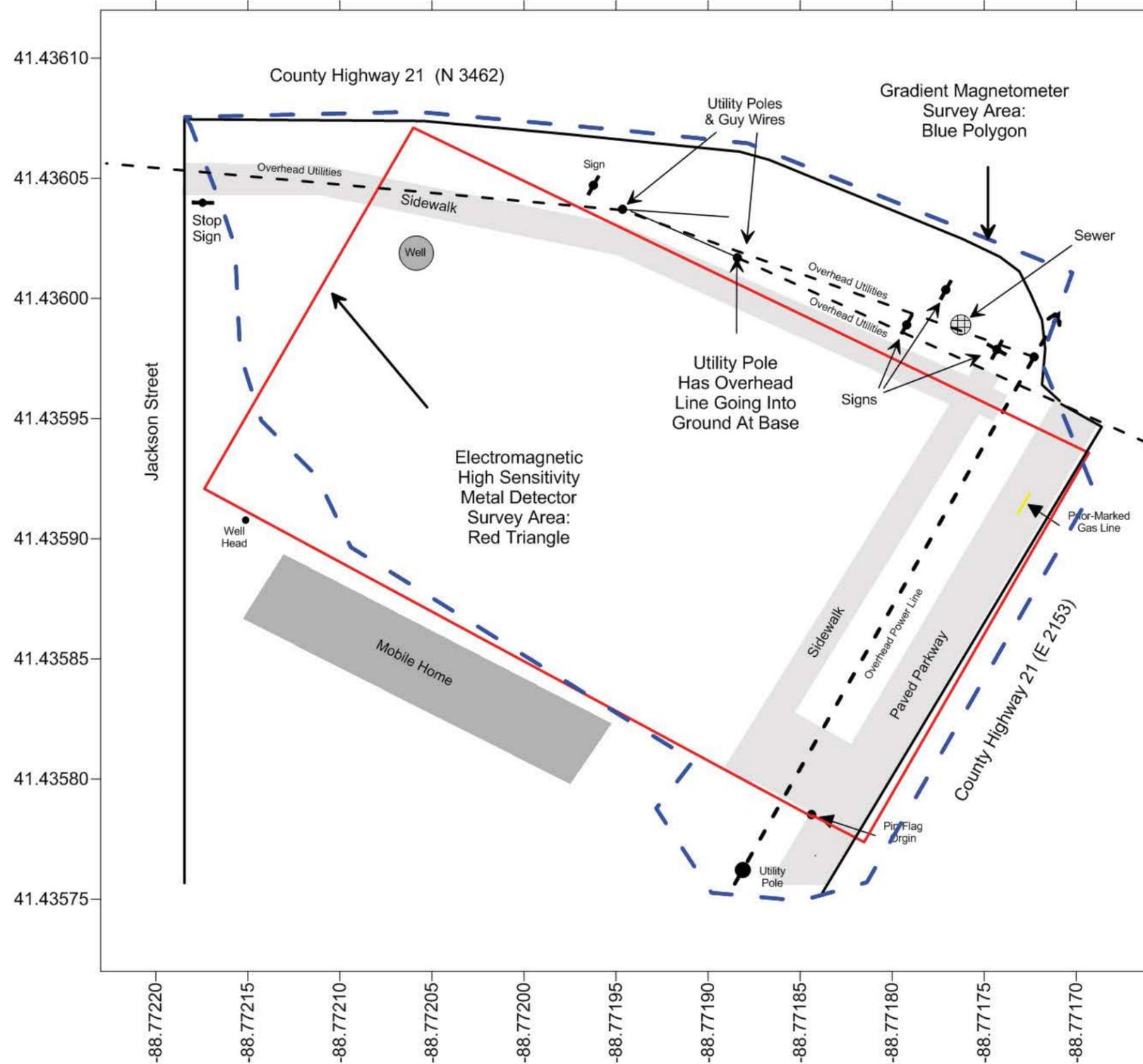
Wedron Ground Water Site
Wedron, Illinois

Aerial Photograph of Subject Area

White Vehicle Inside Polygon
Was Not Present During Survey



Figure 1



Wedron Ground Water Site
Wedron, Illinois

Site Base Map

Date of Survey:
August 13, 2012

Note: This is a color document
Do not photocopy in black and white

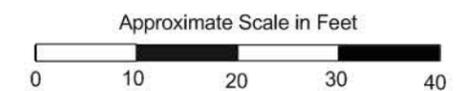
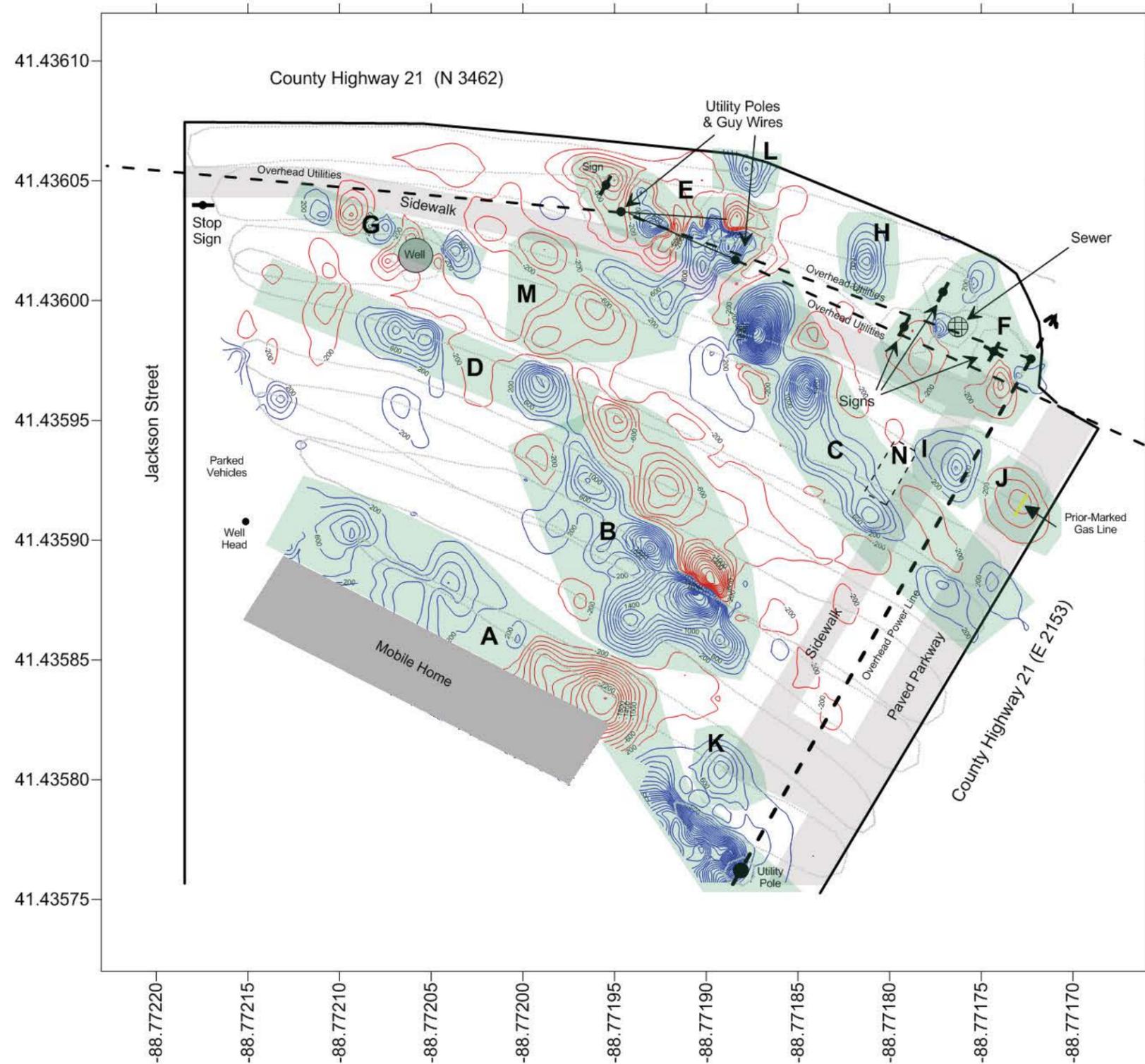


Figure 2



Wedron Ground Water Site
Wedron, Illinois

Contour Map
Gradient Magnetometer Data
Using Geometrics® G-858-G Tool

North-Northeast, South-Southwest Traverses
Traverses at Approximately Five Foot Intervals

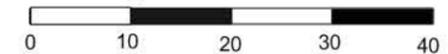
Date of Survey:
August 13, 2012

Contour Interval = 200 Gammas Per Meter
Blue Contour Lines = Positive Values
Red Contour Lines = Negative Values
1 Grey Dot per Each Data Point
Grey Dots Represent Approximate Traverse lines

Capital Letters In Shaded Areas
Represent Anomalous Zones
Referenced In Text of Report

Note: This is a color document
Do not photocopy in black and white

Approximate Scale in Feet



GPS OmniSTAR Real Time
Differential Correction Applied



USEPA - Region 5
Chicago, Illinois

Figure 3

Wedron Ground Water Site Wedron, Illinois

Contour Map
High Sensitivity Electromagnetic
Time Domain Metal Detector Data
Using Geonics® EM61 MK2 Tool

North-Northwest, South-Southeast Traverses
Traverses at Five Foot Intervals

Date of Survey:
August 13, 2012

Contour Interval = 200 Mv
1 Blue Dot per Each Data Point
Blue Dots Represent Approximate Traverse lines

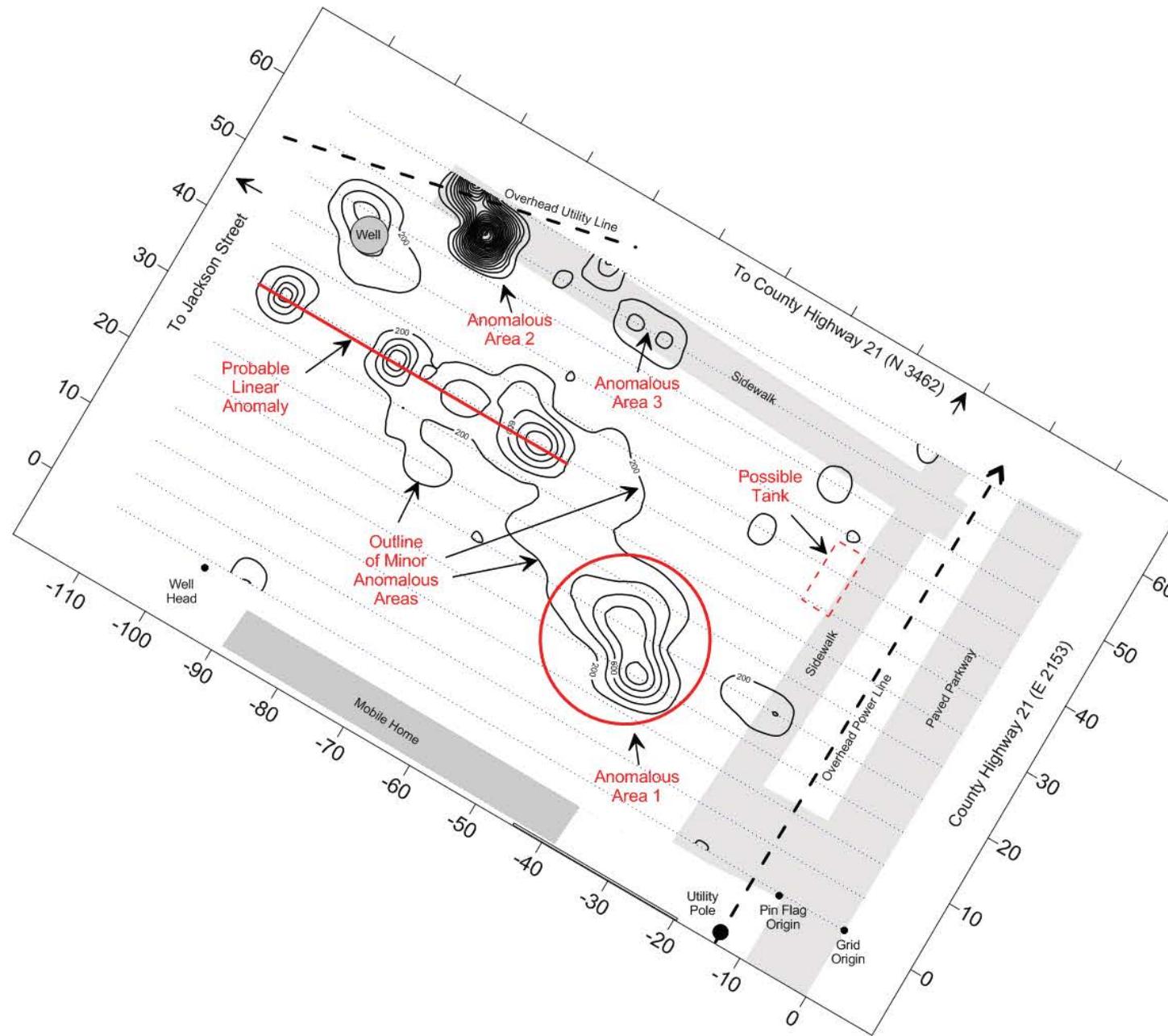
Note: This is a color document
Do not photocopy in black and white



Approximate Scale in Feet
0 5 10 20



Figure 4



Wedron Ground Water Site
Wedron, Illinois

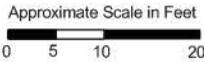
Contour Map
High Sensitivity Electromagnetic
Time Domain Metal Detector Data
Using Geonics® EM61 MK2 Tool

North-Northeast, South-Southwest Traverses
Traverses at Five Foot Intervals

Date of Survey:
August 13, 2012

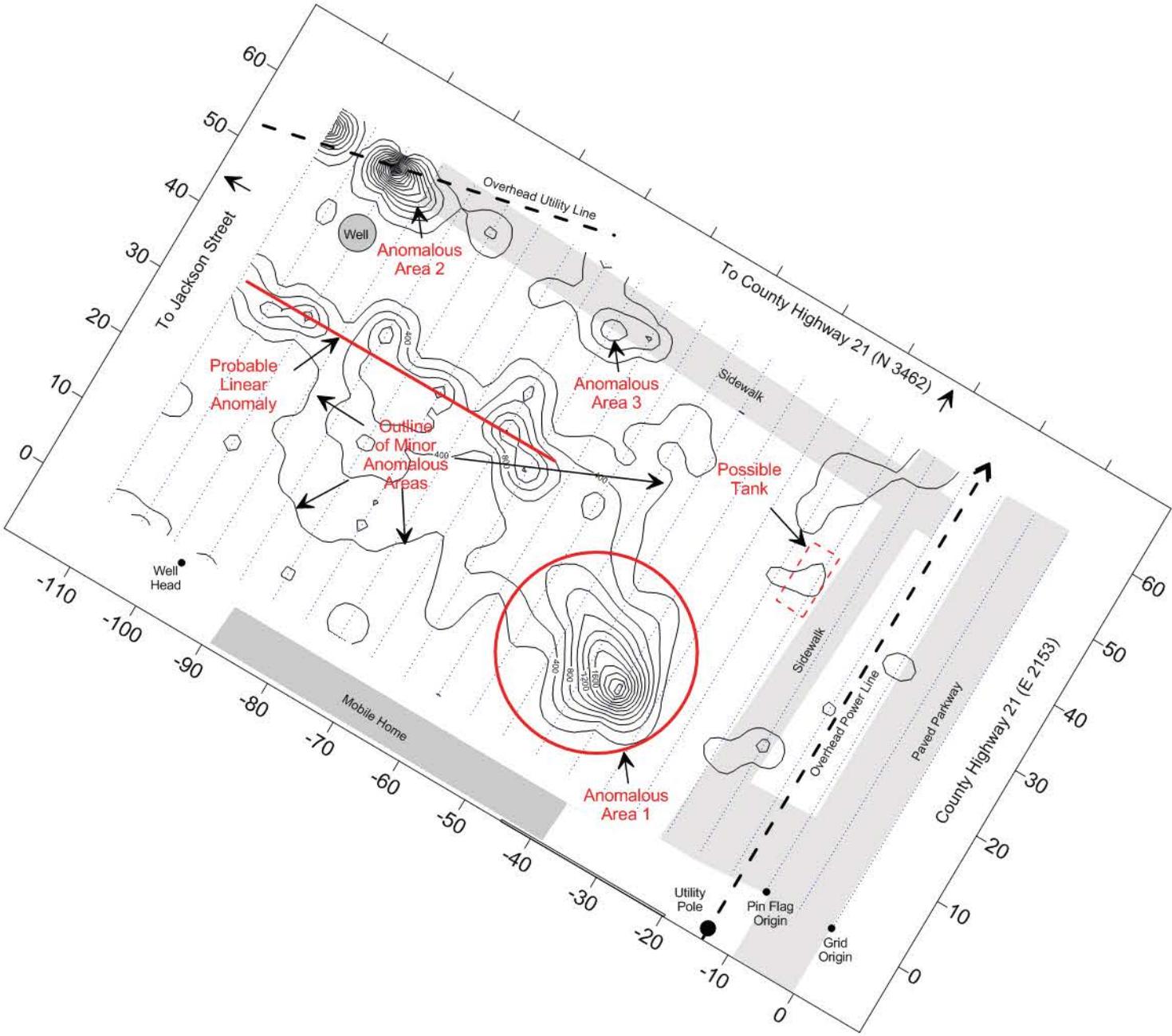
Contour Interval = 200 Mv
1 Blue Dot per Each Data Point
Blue Dots Represent Approximate Traverse lines

Note: This is a color document
Do not photocopy in black and white



USEPA - Region 5
Chicago, Illinois

Figure 5



Wedron Site Photographs

Wedron, Illinois



Looking SE Along S Baseline



Looking SE Along N Baseline



Looking SW Along W Baseline



Looking NNE from SW Corner

Figure 6

Wedron Site Photographs

Wedron, Illinois



Hole In Ground Near N Central Section of Site



Looking NW Along Partial Sidewalk on N Side of Site



Looking SW From SE Corner of Site



Looking N at SE Corner of Site

Figure 7

Wedron Site Photographs

Wedron, Illinois



Looking NW From SW Corner of Site



Looking SW At SW Corner of Site



Looking SW From NE Corner of Site



Looking SW Along E Side of Site

Figure 8

Wedron Site Photographs

Wedron, Illinois



Looking NW from SE Corner of Site



Possible Tank Location E Side of Site



Looking SE At NW Corner of Site



Looking SE at NE Corner of Site

Figure 9

Wedron Site Photographs

Wedron, Illinois



Looking SE at Well Near W Portion of Site



Looking SW from NW Corner of Site



Looking SE from NW Corner of Site



Looking SW From NW Corner of Site

Figure 10

**ATTACHMENT F
DATA VALIDATION REPORT AND
VALIDATED LABORATORY ANALYTICAL RESULTS**

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: January 6, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-75335-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three water samples and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2
- Semivolatile Organic Carbons (SVOC) by Method 525.2
- Target Analyte List (TAL) Metals by Methods 200.8 and 245.1

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA “Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review” dated June 2008 and “Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review” dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-121411	680-75335-1	Water	12/14/2011	12/16/2011
WGC-RW02-121411	680-75335-2	Water	12/14/2011	12/21/2011
WGC-RW02-121411-DP	680-75335-3	Water	12/14/2011	12/21/2011 - 12/22/2011
WGC-TB01-121411	680-75335-4	Water	12/14/2011	12/21/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the VOC analyses and were free of target compound contamination above the reporting limit.

In the trip blank, methylene chloride, chloromethane, and tert-butyl alcohol were detected above the reporting limit. The result for chloromethane in sample WGC-RW01-121411 was flagged "U" as not detected because it was at a similar concentration as the trip blank. No other qualifications were required.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD) except for as follows. In one of the three LCSDs analyzed, the RPDs for vinyl chloride and chloromethane were outside the QC limits. Because these compounds were not detected in the samples, no qualifications were applied.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were analyzed using sample WGC-RW01-121411 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows. In the MS, bromomethane and chloromethane were detected slightly outside the QC limits. In the MSD, these two compounds were within the QC limit. No qualifications were applied for this minor discrepancy.

7. Field Duplicate Results

Sample WGC-RW02-121411-DP is a field duplicate of sample WGC-RW02-121411. The RPDs were calculated for detected VOCs. The RPDs ranged from 0 to 6 percent which is acceptable.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

SVOCs BY METHOD 525.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WGC-RW01-121411	680-75335-1	Water	12/14/2011	12/16/2011	12/20/2011
WGC-RW02-121411	680-75335-2	Water	12/14/2011	12/16/2011	12/22/2011
WGC-RW02-121411-DP	680-75335-3	Water	12/14/2011	12/16/2011	12/21/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the SVOC analysis and was free of target compound contamination above the reporting limit. There were a couple of detections below the reporting limit; however, these compounds were not detected in the samples and no qualifications were required.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits except for as follows. Samples WGC-RW02-12141 and WGC-RW02-121411-DP were diluted and the laboratory did not calculate surrogate recoveries because of the dilution. No qualifications were applied.

5. LCS Results

The LCS recoveries were within laboratory QC limits for percent recoveries except for as follows. Tricyclazole had a recovery of 52 percent which is below the QC limit. The quantitation limits for Tricyclazole were flagged "UJ" as estimated.

6. MS and MSD Results

An MS and MSD were analyzed using sample WGC-RW01-121411 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows. In the MS and MSD, some compounds had recoveries slightly outside the QC limits. Because these compounds were not detected in the samples, no qualifications were applied.

7. Field Duplicate Results

Sample WGC-RW02-121411-DP is a field duplicate of sample WGC-RW02-121411. The RPDs were calculated for detected SVOCs. The RPDs ranged from 0 to 2 percent which is acceptable.

8. Overall Assessment

The SVOC data are acceptable for use as qualified based on the information received.

TAL METALS BY METHODS 200.8 AND 245.1

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-121411	680-75335-1	Water	12/14/2011	12/19/2011 – 12/22/2011
WGC-RW02-121411	680-75335-2	Water	12/14/2011	12/19/2011 – 12/22/2011
WGC-RW02-121411-DP	680-75335-3	Water	12/14/2011	12/19/2011 – 12/22/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analyses. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blank. In most instances, these metals were detected at a much higher concentration in the samples than the method blank and therefore, no qualifications are required. The exceptions are as follows.

Lead was detected at 0.389 microgram per liter (μ /L) in a method blank. All lead results were flagged “U” as not detected because they were at a similar concentration as the method blank.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes except for antimony which was detected high in the LCS. Because antimony was not detected in the samples, no qualifications are required.

5. MS and MSD Results

An MS and MSD were analyzed using sample WGC-RW01-121411 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-75335-1

In some instances, the metal recoveries were outside the QC limit but the spike amount was more than four times lower than the sample concentration. In these instances, no qualifications are required.

6. Field Duplicate Results

Sample WGC-RW02-121411-DP is a field duplicate of sample WGC-RW02-121411. The RPDs were calculated for detected SVOCs. The RPDs ranged from 0 to 25 percent which is acceptable.

7. Overall Assessment

The laboratory flagged some results with a “J” to indicate that they should be considered estimated because they were detected below the reporting limit. These qualifiers are accepted.

The metals data are acceptable for use as qualified based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-75335-1

ATTACHMENT

TESTAMERICA

RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	RPD of the MS and MSD exceeds the control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW01-121411

Lab Sample ID: 680-75335-1

Date Collected: 12/14/11 10:42

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9.2		0.50	0.18	ug/L			12/16/11 16:40	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			12/16/11 16:40	1
Chlorobenzene	ND		0.50	0.27	ug/L			12/16/11 16:40	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			12/16/11 16:40	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			12/16/11 16:40	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			12/16/11 16:40	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			12/16/11 16:40	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			12/16/11 16:40	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			12/16/11 16:40	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			12/16/11 16:40	1
Ethylbenzene	ND		0.50	0.12	ug/L			12/16/11 16:40	1
Methylene Chloride	ND		0.50	0.36	ug/L			12/16/11 16:40	1
Styrene	ND		0.50	0.28	ug/L			12/16/11 16:40	1
Tetrachloroethene	ND		0.50	0.30	ug/L			12/16/11 16:40	1
Toluene	ND		0.50	0.23	ug/L			12/16/11 16:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			12/16/11 16:40	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			12/16/11 16:40	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			12/16/11 16:40	1
Vinyl chloride	ND		0.50	0.33	ug/L			12/16/11 16:40	1
Chloroform	ND		0.50	0.29	ug/L			12/16/11 16:40	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			12/16/11 16:40	1
Bromoform	ND		0.50	0.39	ug/L			12/16/11 16:40	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			12/16/11 16:40	1
Bromobenzene	ND		0.50	0.42	ug/L			12/16/11 16:40	1
Chlorobromomethane	ND		0.50	0.30	ug/L			12/16/11 16:40	1
Bromomethane	ND		1.0	0.45	ug/L			12/16/11 16:40	1
n-Butylbenzene	ND		0.50	0.17	ug/L			12/16/11 16:40	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			12/16/11 16:40	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			12/16/11 16:40	1
Chloroethane	ND		1.0	0.33	ug/L			12/16/11 16:40	1
Chloromethane	0.96	U	0.50	0.32	ug/L			12/16/11 16:40	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			12/16/11 16:40	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			12/16/11 16:40	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			12/16/11 16:40	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			12/16/11 16:40	1
Dibromomethane	ND		0.50	0.38	ug/L			12/16/11 16:40	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			12/16/11 16:40	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			12/16/11 16:40	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			12/16/11 16:40	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			12/16/11 16:40	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			12/16/11 16:40	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			12/16/11 16:40	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			12/16/11 16:40	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			12/16/11 16:40	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			12/16/11 16:40	1
Isopropylbenzene	1.4		0.50	0.15	ug/L			12/16/11 16:40	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			12/16/11 16:40	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			12/16/11 16:40	1
Naphthalene	ND		1.0	0.43	ug/L			12/16/11 16:40	1
N-Propylbenzene	2.8		0.50	0.17	ug/L			12/16/11 16:40	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW01-121411

Lab Sample ID: 680-75335-1

Date Collected: 12/14/11 10:42

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			12/16/11 16:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			12/16/11 16:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			12/16/11 16:40	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			12/16/11 16:40	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			12/16/11 16:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			12/16/11 16:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			12/16/11 16:40	1
o-Xylene	ND		0.50	0.27	ug/L			12/16/11 16:40	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			12/16/11 16:40	1
Acetone	ND		10	5.0	ug/L			12/16/11 16:40	1
2-Butanone (MEK)	ND		10	5.0	ug/L			12/16/11 16:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			12/16/11 16:40	1
2-Hexanone	ND		10	5.0	ug/L			12/16/11 16:40	1
Trichloroethene	ND		0.50	0.37	ug/L			12/16/11 16:40	1
Xylenes, Total	ND		0.50	0.27	ug/L			12/16/11 16:40	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			12/16/11 16:40	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			12/16/11 16:40	1
Diisopropyl ether	ND		0.50	0.28	ug/L			12/16/11 16:40	1
Freon 113	ND		0.50	0.15	ug/L			12/16/11 16:40	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			12/16/11 16:40	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			12/16/11 16:40	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			12/16/11 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130					12/16/11 16:40	1
1,2-Dichlorobenzene-d4	94		70 - 130					12/16/11 16:40	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorothalonil	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,2',3',4,6-Pentachlorobiphenyl	ND		0.22	0.056	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,2',4,4'-Tetrachlorobiphenyl	ND		0.55	0.031	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,3-Dichlorobiphenyl	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,4,5-Trichlorobiphenyl	ND		0.22	0.037	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,4-Dinitrotoluene	ND		0.83	0.059	ug/L		12/16/11 07:26	12/20/11 00:12	1
2,6-Dinitrotoluene	ND		0.83	0.046	ug/L		12/16/11 07:26	12/20/11 00:12	1
2-Chlorobiphenyl	ND		0.55	0.044	ug/L		12/16/11 07:26	12/20/11 00:12	1
4,4'-DDD	ND		0.55	0.034	ug/L		12/16/11 07:26	12/20/11 00:12	1
4,4'-DDE	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
4,4'-DDT	ND		0.55	0.028	ug/L		12/16/11 07:26	12/20/11 00:12	1
Acenaphthylene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Acetochlor	ND		0.55	0.046	ug/L		12/16/11 07:26	12/20/11 00:12	1
Alachlor	ND		0.22	0.036	ug/L		12/16/11 07:26	12/20/11 00:12	1
Aldrin	ND		0.22	0.042	ug/L		12/16/11 07:26	12/20/11 00:12	1
alpha-BHC	ND		0.22	0.044	ug/L		12/16/11 07:26	12/20/11 00:12	1
alpha-Chlordane	ND		0.55	0.045	ug/L		12/16/11 07:26	12/20/11 00:12	1
Anthracene	ND		0.22	0.025	ug/L		12/16/11 07:26	12/20/11 00:12	1
Atrazine	ND		0.22	0.024	ug/L		12/16/11 07:26	12/20/11 00:12	1
Benzo[a]anthracene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Benzo[a]pyrene	ND		0.22	0.032	ug/L		12/16/11 07:26	12/20/11 00:12	1
Benzo[b]fluoranthene	ND		0.22	0.024	ug/L		12/16/11 07:26	12/20/11 00:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW01-121411

Lab Sample ID: 680-75335-1

Date Collected: 12/14/11 10:42

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.22	0.050	ug/L		12/16/11 07:26	12/20/11 00:12	1
Benzo[k]fluoranthene	ND		0.22	0.039	ug/L		12/16/11 07:26	12/20/11 00:12	1
beta-BHC	ND		0.22	0.050	ug/L		12/16/11 07:26	12/20/11 00:12	1
Bis(2-ethylhexyl) phthalate	ND		2.2	0.66	ug/L		12/16/11 07:26	12/20/11 00:12	1
Bromacil	ND		0.55	0.028	ug/L		12/16/11 07:26	12/20/11 00:12	1
Butachlor	ND		0.55	0.035	ug/L		12/16/11 07:26	12/20/11 00:12	1
Butyl benzyl phthalate	ND		0.83	0.048	ug/L		12/16/11 07:26	12/20/11 00:12	1
Butylate	ND		0.22	0.036	ug/L		12/16/11 07:26	12/20/11 00:12	1
Chloroneb	ND		0.55	0.033	ug/L		12/16/11 07:26	12/20/11 00:12	1
Chlorpropham	ND		0.22	0.041	ug/L		12/16/11 07:26	12/20/11 00:12	1
Chlorpyrifos	ND		0.55	0.050	ug/L		12/16/11 07:26	12/20/11 00:12	1
Chrysene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
cis-Permethrin	ND		0.55	0.028	ug/L		12/16/11 07:26	12/20/11 00:12	1
Cycloate	ND		0.22	0.024	ug/L		12/16/11 07:26	12/20/11 00:12	1
delta-BHC	ND		0.22	0.040	ug/L		12/16/11 07:26	12/20/11 00:12	1
Di(2-ethylhexyl)adipate	ND		1.7	0.66	ug/L		12/16/11 07:26	12/20/11 00:12	1
Di-n-butyl phthalate	ND		1.7	0.044	ug/L		12/16/11 07:26	12/20/11 00:12	1
Dibenz(a,h)anthracene	ND		0.22	0.068	ug/L		12/16/11 07:26	12/20/11 00:12	1
Dichlorvos	ND		0.22	0.065	ug/L		12/16/11 07:26	12/20/11 00:12	1
Dieldrin	ND		0.55	0.050	ug/L		12/16/11 07:26	12/20/11 00:12	1
Diethyl phthalate	ND		1.7	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Dimethyl phthalate	ND		1.7	0.024	ug/L		12/16/11 07:26	12/20/11 00:12	1
Diphenamid	ND		0.22	0.026	ug/L		12/16/11 07:26	12/20/11 00:12	1
Endosulfan I	ND		0.55	0.096	ug/L		12/16/11 07:26	12/20/11 00:12	1
Endosulfan II	ND		0.55	0.094	ug/L		12/16/11 07:26	12/20/11 00:12	1
Endosulfan sulfate	ND		0.55	0.055	ug/L		12/16/11 07:26	12/20/11 00:12	1
Endrin	ND		0.55	0.079	ug/L		12/16/11 07:26	12/20/11 00:12	1
Endrin aldehyde	ND		1.1	0.15	ug/L		12/16/11 07:26	12/20/11 00:12	1
EPTC	ND		0.22	0.028	ug/L		12/16/11 07:26	12/20/11 00:12	1
Chlorobenzilate	ND		7.4	3.2	ug/L		12/16/11 07:26	12/20/11 00:12	1
Etridiazole	ND		0.22	0.061	ug/L		12/16/11 07:26	12/20/11 00:12	1
Fenarimol	ND		5.5	2.1	ug/L		12/16/11 07:26	12/20/11 00:12	1
Fluorene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Fluridone	ND		0.83	0.068	ug/L		12/16/11 07:26	12/20/11 00:12	1
gamma-BHC (Lindane)	ND		0.22	0.089	ug/L		12/16/11 07:26	12/20/11 00:12	1
gamma-Chlordane	ND		0.22	0.050	ug/L		12/16/11 07:26	12/20/11 00:12	1
Heptachlor	ND		0.22	0.059	ug/L		12/16/11 07:26	12/20/11 00:12	1
Heptachlor epoxide	ND		0.44	0.20	ug/L		12/16/11 07:26	12/20/11 00:12	1
Hexachlorobenzene	ND		0.22	0.045	ug/L		12/16/11 07:26	12/20/11 00:12	1
Hexachlorocyclopentadiene	ND		2.2	0.046	ug/L		12/16/11 07:26	12/20/11 00:12	1
Hexazinone	ND		0.55	0.025	ug/L		12/16/11 07:26	12/20/11 00:12	1
Indeno[1,2,3-cd]pyrene	ND		0.22	0.039	ug/L		12/16/11 07:26	12/20/11 00:12	1
Isophorone	ND		0.22	0.069	ug/L		12/16/11 07:26	12/20/11 00:12	1
Methoxychlor	ND		0.55	0.047	ug/L		12/16/11 07:26	12/20/11 00:12	1
Methyl paraoxon	ND		0.55	0.043	ug/L		12/16/11 07:26	12/20/11 00:12	1
Metolachlor	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Metribuzin	ND		0.22	0.024	ug/L		12/16/11 07:26	12/20/11 00:12	1
Mevinphos	ND		0.55	0.030	ug/L		12/16/11 07:26	12/20/11 00:12	1
Ethoprop	ND		0.55	0.034	ug/L		12/16/11 07:26	12/20/11 00:12	1
Molinate	ND		0.22	0.042	ug/L		12/16/11 07:26	12/20/11 00:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW01-121411

Lab Sample ID: 680-75335-1

Date Collected: 12/14/11 10:42

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Napropamide	ND		0.55	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Norflurazon	ND		0.55	0.033	ug/L		12/16/11 07:26	12/20/11 00:12	1
Pebulate	ND		0.22	0.048	ug/L		12/16/11 07:26	12/20/11 00:12	1
Phenanthrene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Pronamide	ND		0.22	0.029	ug/L		12/16/11 07:26	12/20/11 00:12	1
Propachlor	ND		0.22	0.028	ug/L		12/16/11 07:26	12/20/11 00:12	1
Propazine	ND		0.22	0.044	ug/L		12/16/11 07:26	12/20/11 00:12	1
Pyrene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Simazine	ND		0.55	0.039	ug/L		12/16/11 07:26	12/20/11 00:12	1
Terbacil	ND		0.55	0.054	ug/L		12/16/11 07:26	12/20/11 00:12	1
DCPA	ND		0.22	0.032	ug/L		12/16/11 07:26	12/20/11 00:12	1
Triadimefon	ND		1.1	0.18	ug/L		12/16/11 07:26	12/20/11 00:12	1
Tricyclazole	ND	UJ	1.7	0.052	ug/L		12/16/11 07:26	12/20/11 00:12	1
Trifluralin	ND		0.22	0.046	ug/L		12/16/11 07:26	12/20/11 00:12	1
Vernolate	ND		0.22	0.025	ug/L		12/16/11 07:26	12/20/11 00:12	1
Tetrachlorvinphos (Stirophos)	ND		2.2	0.25	ug/L		12/16/11 07:26	12/20/11 00:12	1
2-Methylnaphthalene	ND		0.22	0.22	ug/L		12/16/11 07:26	12/20/11 00:12	1
Acenaphthene	ND		0.22	0.044	ug/L		12/16/11 07:26	12/20/11 00:12	1
Fluoranthene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Naphthalene	ND		0.22	0.022	ug/L		12/16/11 07:26	12/20/11 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	119		70 - 130				12/16/11 07:26	12/20/11 00:12	1
Perylene-d12	113		70 - 130				12/16/11 07:26	12/20/11 00:12	1
Triphenylphosphate	106		70 - 130				12/16/11 07:26	12/20/11 00:12	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.40	ug/L		12/20/11 10:38	12/22/11 12:07	1
Silver	ND		1.0	0.10	ug/L		12/20/11 10:38	12/20/11 16:33	1
Aluminum	ND		10	4.6	ug/L		12/20/11 10:38	12/20/11 16:33	1
Arsenic	15		1.0	0.37	ug/L		12/20/11 10:38	12/20/11 16:33	1
Barium	46		2.0	0.14	ug/L		12/20/11 10:38	12/20/11 16:33	1
Beryllium	ND		0.40	0.15	ug/L		12/20/11 10:38	12/20/11 16:33	1
Cadmium	0.30		0.10	0.043	ug/L		12/20/11 10:38	12/20/11 16:33	1
Calcium	100000		2500	800	ug/L		12/20/11 10:38	12/21/11 17:10	10
Chromium	ND		2.0	1.0	ug/L		12/20/11 10:38	12/20/11 16:33	1
Copper	1.7		1.0	0.50	ug/L		12/20/11 10:38	12/20/11 16:33	1
Cobalt	0.18	J	0.40	0.12	ug/L		12/20/11 10:38	12/20/11 16:33	1
Lead	0.86	B	0.60	0.060	ug/L		12/20/11 10:38	12/21/11 16:17	1
Selenium	ND		2.0	0.58	ug/L		12/20/11 10:38	12/20/11 16:33	1
Iron	9000		50	20	ug/L		12/20/11 10:38	12/20/11 16:33	1
Thallium	ND		0.20	0.10	ug/L		12/20/11 10:38	12/20/11 16:33	1
Potassium	1900		100	31	ug/L		12/20/11 10:38	12/20/11 16:33	1
Magnesium	43000		50	18	ug/L		12/20/11 10:38	12/20/11 16:33	1
Manganese	65		2.5	1.2	ug/L		12/20/11 10:38	12/20/11 16:33	1
Sodium	15000		500	230	ug/L		12/20/11 10:38	12/21/11 17:10	10
Nickel	1.3		1.0	0.40	ug/L		12/20/11 10:38	12/20/11 16:33	1
Vanadium	ND		1.0	0.30	ug/L		12/20/11 10:38	12/20/11 16:33	1
Zinc	96		20	2.8	ug/L		12/20/11 10:38	12/20/11 16:33	1

2/11/12



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW01-121411

Lab Sample ID: 680-75335-1

Date Collected: 12/14/11 10:42

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		12/16/11 10:19	12/19/11 15:34	1

Client Sample ID: WGC-RW02-121411

Lab Sample ID: 680-75335-2

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2200		25	9.0	ug/L			12/22/11 18:47	50
Carbon tetrachloride	ND		10	4.4	ug/L			12/21/11 20:13	20
Chlorobenzene	ND		10	5.4	ug/L			12/21/11 20:13	20
1,2-Dichlorobenzene	ND		10	3.4	ug/L			12/21/11 20:13	20
1,4-Dichlorobenzene	ND		10	3.6	ug/L			12/21/11 20:13	20
1,2-Dichloroethane	ND		10	3.4	ug/L			12/21/11 20:13	20
1,1-Dichloroethene	ND		10	6.4	ug/L			12/21/11 20:13	20
cis-1,2-Dichloroethene	ND		10	7.4	ug/L			12/21/11 20:13	20
trans-1,2-Dichloroethene	ND		10	4.8	ug/L			12/21/11 20:13	20
1,2-Dichloropropane	ND		10	9.0	ug/L			12/21/11 20:13	20
Ethylbenzene	1000		10	2.4	ug/L			12/21/11 20:13	20
Methylene Chloride	ND		10	7.2	ug/L			12/21/11 20:13	20
Styrene	ND		10	5.6	ug/L			12/21/11 20:13	20
Tetrachloroethene	ND		10	6.0	ug/L			12/21/11 20:13	20
Toluene	660		10	4.6	ug/L			12/21/11 20:13	20
1,2,4-Trichlorobenzene	ND		10	3.6	ug/L			12/21/11 20:13	20
1,1,1-Trichloroethane	ND		10	5.4	ug/L			12/21/11 20:13	20
1,1,2-Trichloroethane	ND		10	4.4	ug/L			12/21/11 20:13	20
Vinyl chloride	ND	*	10	6.6	ug/L			12/21/11 20:13	20
Chloroform	ND		10	5.8	ug/L			12/21/11 20:13	20
Dichlorobromomethane	ND	*	20	11	ug/L			12/21/11 20:13	20
Bromoform	ND		10	7.8	ug/L			12/21/11 20:13	20
Chlorodibromomethane	ND		10	8.6	ug/L			12/21/11 20:13	20
Bromobenzene	ND		10	8.4	ug/L			12/21/11 20:13	20
Chlorobromomethane	ND		10	6.0	ug/L			12/21/11 20:13	20
Bromomethane	ND		20	9.0	ug/L			12/21/11 20:13	20
n-Butylbenzene	ND		10	3.4	ug/L			12/21/11 20:13	20
sec-Butylbenzene	ND		10	2.8	ug/L			12/21/11 20:13	20
tert-Butylbenzene	ND		10	2.8	ug/L			12/21/11 20:13	20
Chloroethane	ND		20	6.6	ug/L			12/21/11 20:13	20
Chloromethane	ND	*	10	6.4	ug/L			12/21/11 20:13	20
2-Chlorotoluene	ND		10	3.4	ug/L			12/21/11 20:13	20
4-Chlorotoluene	ND		10	3.2	ug/L			12/21/11 20:13	20
1,2-Dibromo-3-Chloropropane	ND		10	6.0	ug/L			12/21/11 20:13	20
Ethylene Dibromide	ND		10	4.0	ug/L			12/21/11 20:13	20
Dibromomethane	ND		10	7.6	ug/L			12/21/11 20:13	20
1,3-Dichlorobenzene	ND		10	2.8	ug/L			12/21/11 20:13	20
Dichlorodifluoromethane	ND	*	10	6.8	ug/L			12/21/11 20:13	20
1,1-Dichloroethane	ND		10	7.8	ug/L			12/21/11 20:13	20
1,3-Dichloropropane	ND		10	8.6	ug/L			12/21/11 20:13	20
2,2-Dichloropropane	ND		10	6.2	ug/L			12/21/11 20:13	20

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411

Lab Sample ID: 680-75335-2

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		10	3.8	ug/L			12/21/11 20:13	20
cis-1,3-Dichloropropene	ND		10	6.4	ug/L			12/21/11 20:13	20
trans-1,3-Dichloropropene	ND		10	9.6	ug/L			12/21/11 20:13	20
Hexachlorobutadiene	ND		10	5.2	ug/L			12/21/11 20:13	20
Isopropylbenzene	36		10	3.0	ug/L			12/21/11 20:13	20
4-Isopropyltoluene	ND		10	4.2	ug/L			12/21/11 20:13	20
Methyl tert-butyl ether	ND		10	5.2	ug/L			12/21/11 20:13	20
Naphthalene	51		20	8.6	ug/L			12/21/11 20:13	20
N-Propylbenzene	80		10	3.4	ug/L			12/21/11 20:13	20
1,1,1,2-Tetrachloroethane	ND		10	3.2	ug/L			12/21/11 20:13	20
1,1,2,2-Tetrachloroethane	ND		10	3.6	ug/L			12/21/11 20:13	20
1,2,3-Trichlorobenzene	ND		10	2.8	ug/L			12/21/11 20:13	20
Trichlorofluoromethane	ND		10	4.6	ug/L			12/21/11 20:13	20
1,2,3-Trichloropropane	ND		10	3.6	ug/L			12/21/11 20:13	20
1,2,4-Trimethylbenzene	480		10	3.4	ug/L			12/21/11 20:13	20
1,3,5-Trimethylbenzene	54		10	3.2	ug/L			12/21/11 20:13	20
o-Xylene	560		10	5.4	ug/L			12/21/11 20:13	20
m-Xylene & p-Xylene	1700		10	8.4	ug/L			12/21/11 20:13	20
Acetone	ND		200	100	ug/L			12/21/11 20:13	20
2-Butanone (MEK)	ND		200	100	ug/L			12/21/11 20:13	20
4-Methyl-2-pentanone (MIBK)	ND		200	100	ug/L			12/21/11 20:13	20
2-Hexanone	ND		200	100	ug/L			12/21/11 20:13	20
Trichloroethene	ND		10	7.4	ug/L			12/21/11 20:13	20
Xylenes, Total	2200		10	5.4	ug/L			12/21/11 20:13	20
Trihalomethanes, Total	ND		10	5.8	ug/L			12/21/11 20:13	20
Tert-butyl ethyl ether	ND		10	5.2	ug/L			12/21/11 20:13	20
Diisopropyl ether	ND		10	5.6	ug/L			12/21/11 20:13	20
Freon 113	ND *		10	3.0	ug/L			12/21/11 20:13	20
Tert-amyl methyl ether	ND		10	4.0	ug/L			12/21/11 20:13	20
1,3-Dichloropropene, Total	ND		10	6.4	ug/L			12/21/11 20:13	20
tert-Butyl alcohol	ND		40	32	ug/L			12/21/11 20:13	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		12/21/11 20:13	20
4-Bromofluorobenzene	106		70 - 130		12/22/11 18:47	50
1,2-Dichlorobenzene-d4	90		70 - 130		12/21/11 20:13	20
1,2-Dichlorobenzene-d4	107		70 - 130		12/22/11 18:47	50

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethalonil	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,2',3',4,6-Pentachlorobiphenyl	ND		2.1	0.54	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,2',4,4'-Tetrachlorobiphenyl	ND		5.3	0.30	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,3-Dichlorobiphenyl	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,4,5-Trichlorobiphenyl	ND		2.1	0.36	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,4-Dinitrotoluene	ND		8.0	0.57	ug/L		12/16/11 07:26	12/22/11 00:21	10
2,6-Dinitrotoluene	ND		8.0	0.45	ug/L		12/16/11 07:26	12/22/11 00:21	10
2-Chlorobiphenyl	ND		5.3	0.43	ug/L		12/16/11 07:26	12/22/11 00:21	10
4,4'-DDD	ND		5.3	0.33	ug/L		12/16/11 07:26	12/22/11 00:21	10
4,4'-DDE	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
4,4'-DDT	ND		5.3	0.27	ug/L		12/16/11 07:26	12/22/11 00:21	10

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411

Lab Sample ID: 680-75335-2

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Acetochlor	ND		5.3	0.45	ug/L		12/16/11 07:26	12/22/11 00:21	10
Alachlor	ND		2.1	0.35	ug/L		12/16/11 07:26	12/22/11 00:21	10
Aldrin	ND		2.1	0.40	ug/L		12/16/11 07:26	12/22/11 00:21	10
alpha-BHC	ND		2.1	0.43	ug/L		12/16/11 07:26	12/22/11 00:21	10
alpha-Chlordane	ND		5.3	0.44	ug/L		12/16/11 07:26	12/22/11 00:21	10
Anthracene	ND		2.1	0.24	ug/L		12/16/11 07:26	12/22/11 00:21	10
Atrazine	ND		2.1	0.23	ug/L		12/16/11 07:26	12/22/11 00:21	10
Benzo[a]anthracene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Benzo[a]pyrene	ND		2.1	0.31	ug/L		12/16/11 07:26	12/22/11 00:21	10
Benzo[b]fluoranthene	ND		2.1	0.23	ug/L		12/16/11 07:26	12/22/11 00:21	10
Benzo[g,h,i]perylene	ND		2.1	0.48	ug/L		12/16/11 07:26	12/22/11 00:21	10
Benzo[k]fluoranthene	ND		2.1	0.37	ug/L		12/16/11 07:26	12/22/11 00:21	10
beta-BHC	ND		2.1	0.48	ug/L		12/16/11 07:26	12/22/11 00:21	10
Bis(2-ethylhexyl) phthalate	ND		21	6.4	ug/L		12/16/11 07:26	12/22/11 00:21	10
Bromacil	ND		5.3	0.27	ug/L		12/16/11 07:26	12/22/11 00:21	10
Butachlor	ND		5.3	0.34	ug/L		12/16/11 07:26	12/22/11 00:21	10
Butyl benzyl phthalate	ND		8.0	0.47	ug/L		12/16/11 07:26	12/22/11 00:21	10
Butylate	ND		2.1	0.35	ug/L		12/16/11 07:26	12/22/11 00:21	10
Chloroneb	ND		5.3	0.32	ug/L		12/16/11 07:26	12/22/11 00:21	10
Chlorpropham	ND		2.1	0.39	ug/L		12/16/11 07:26	12/22/11 00:21	10
Chlorpyrifos	ND		5.3	0.48	ug/L		12/16/11 07:26	12/22/11 00:21	10
Chrysene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
cis-Permethrin	ND		5.3	0.27	ug/L		12/16/11 07:26	12/22/11 00:21	10
Cycloate	ND		2.1	0.23	ug/L		12/16/11 07:26	12/22/11 00:21	10
delta-BHC	ND		2.1	0.38	ug/L		12/16/11 07:26	12/22/11 00:21	10
Di(2-ethylhexyl)adipate	ND		16	6.4	ug/L		12/16/11 07:26	12/22/11 00:21	10
Di-n-butyl phthalate	ND		16	0.43	ug/L		12/16/11 07:26	12/22/11 00:21	10
Dibenz(a,h)anthracene	ND		2.1	0.66	ug/L		12/16/11 07:26	12/22/11 00:21	10
Dichlorvos	ND		2.1	0.63	ug/L		12/16/11 07:26	12/22/11 00:21	10
Dieldrin	ND		5.3	0.48	ug/L		12/16/11 07:26	12/22/11 00:21	10
Diethyl phthalate	ND		16	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Dimethyl phthalate	ND		16	0.23	ug/L		12/16/11 07:26	12/22/11 00:21	10
Diphenamid	ND		2.1	0.26	ug/L		12/16/11 07:26	12/22/11 00:21	10
Endosulfan I	ND		5.3	0.93	ug/L		12/16/11 07:26	12/22/11 00:21	10
Endosulfan II	ND		5.3	0.90	ug/L		12/16/11 07:26	12/22/11 00:21	10
Endosulfan sulfate	ND		5.3	0.53	ug/L		12/16/11 07:26	12/22/11 00:21	10
Endrin	ND		5.3	0.77	ug/L		12/16/11 07:26	12/22/11 00:21	10
Endrin aldehyde	ND		11	1.5	ug/L		12/16/11 07:26	12/22/11 00:21	10
EPTC	ND		2.1	0.27	ug/L		12/16/11 07:26	12/22/11 00:21	10
Chlorobenzilate	ND		71	31	ug/L		12/16/11 07:26	12/22/11 00:21	10
Etridiazole	ND		2.1	0.59	ug/L		12/16/11 07:26	12/22/11 00:21	10
Fenarimol	ND		53	20	ug/L		12/16/11 07:26	12/22/11 00:21	10
Fluorene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Fluridone	ND		8.0	0.66	ug/L		12/16/11 07:26	12/22/11 00:21	10
gamma-BHC (Lindane)	ND		2.1	0.86	ug/L		12/16/11 07:26	12/22/11 00:21	10
gamma-Chlordane	ND		2.1	0.48	ug/L		12/16/11 07:26	12/22/11 00:21	10
Heptachlor	ND		2.1	0.57	ug/L		12/16/11 07:26	12/22/11 00:21	10
Heptachlor epoxide	ND		4.3	1.9	ug/L		12/16/11 07:26	12/22/11 00:21	10
Hexachlorobenzene	ND		2.1	0.44	ug/L		12/16/11 07:26	12/22/11 00:21	10

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411

Lab Sample ID: 680-75335-2

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		21	0.45	ug/L		12/16/11 07:26	12/22/11 00:21	10
Hexazinone	ND		5.3	0.24	ug/L		12/16/11 07:26	12/22/11 00:21	10
Indeno[1,2,3-cd]pyrene	ND		2.1	0.37	ug/L		12/16/11 07:26	12/22/11 00:21	10
Isophorone	ND		2.1	0.67	ug/L		12/16/11 07:26	12/22/11 00:21	10
Methoxychlor	ND		5.3	0.46	ug/L		12/16/11 07:26	12/22/11 00:21	10
Methyl paraoxon	ND		5.3	0.41	ug/L		12/16/11 07:26	12/22/11 00:21	10
Metolachlor	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Metribuzin	ND		2.1	0.23	ug/L		12/16/11 07:26	12/22/11 00:21	10
Mevinphos	ND		5.3	0.29	ug/L		12/16/11 07:26	12/22/11 00:21	10
Ethoprop	ND		5.3	0.33	ug/L		12/16/11 07:26	12/22/11 00:21	10
Molinate	ND		2.1	0.40	ug/L		12/16/11 07:26	12/22/11 00:21	10
Napropamide	ND		5.3	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Norflurazon	ND		5.3	0.32	ug/L		12/16/11 07:26	12/22/11 00:21	10
Pebulate	ND		2.1	0.47	ug/L		12/16/11 07:26	12/22/11 00:21	10
Phenanthrene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Pronamide	ND		2.1	0.28	ug/L		12/16/11 07:26	12/22/11 00:21	10
Propachlor	ND		2.1	0.27	ug/L		12/16/11 07:26	12/22/11 00:21	10
Propazine	ND		2.1	0.43	ug/L		12/16/11 07:26	12/22/11 00:21	10
Pyrene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Simazine	ND		5.3	0.37	ug/L		12/16/11 07:26	12/22/11 00:21	10
Terbacil	ND		5.3	0.52	ug/L		12/16/11 07:26	12/22/11 00:21	10
DCPA	ND		2.1	0.31	ug/L		12/16/11 07:26	12/22/11 00:21	10
Triadimefon	ND		11	1.7	ug/L		12/16/11 07:26	12/22/11 00:21	10
Tricyclazole	ND	UT	16	0.50	ug/L		12/16/11 07:26	12/22/11 00:21	10
Trifluralin	ND		2.1	0.45	ug/L		12/16/11 07:26	12/22/11 00:21	10
Vernolate	ND		2.1	0.24	ug/L		12/16/11 07:26	12/22/11 00:21	10
Tetrachlorvinphos (Stirophos)	ND		21	2.4	ug/L		12/16/11 07:26	12/22/11 00:21	10
2-Methylnaphthalene	8.0		2.1	2.1	ug/L		12/16/11 07:26	12/22/11 00:21	10
Acenaphthene	ND		2.1	0.43	ug/L		12/16/11 07:26	12/22/11 00:21	10
Fluoranthene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Naphthalene	61		2.1	0.21	ug/L		12/16/11 07:26	12/22/11 00:21	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	0	D	70 - 130				12/16/11 07:26	12/22/11 00:21	10
Perylene-d12	0	D	70 - 130				12/16/11 07:26	12/22/11 00:21	10
Triphenylphosphate	0	D	70 - 130				12/16/11 07:26	12/22/11 00:21	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.40	ug/L		12/20/11 10:38	12/22/11 12:55	1
Silver	ND		1.0	0.10	ug/L		12/20/11 10:38	12/20/11 17:00	1
Aluminum	ND		10	4.6	ug/L		12/20/11 10:38	12/20/11 17:00	1
Arsenic	29		1.0	0.37	ug/L		12/20/11 10:38	12/20/11 17:00	1
Barium	150		2.0	0.14	ug/L		12/20/11 10:38	12/20/11 17:00	1
Beryllium	ND		0.40	0.15	ug/L		12/20/11 10:38	12/20/11 17:00	1
Cadmium	0.16		0.10	0.043	ug/L		12/20/11 10:38	12/20/11 17:00	1
Calcium	120000		2500	800	ug/L		12/20/11 10:38	12/21/11 17:26	10
Chromium	ND		2.0	1.0	ug/L		12/20/11 10:38	12/20/11 17:00	1
Copper	11		1.0	0.50	ug/L		12/20/11 10:38	12/20/11 17:00	1
Cobalt	0.39	J	0.40	0.12	ug/L		12/20/11 10:38	12/20/11 17:00	1
Lead	0.16	J B U	0.60	0.060	ug/L		12/20/11 10:38	12/21/11 16:44	1

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11/6/12



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411

Lab Sample ID: 680-75335-2

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		2.0	0.58	ug/L		12/20/11 10:38	12/20/11 17:00	1
Iron	22000		50	20	ug/L		12/20/11 10:38	12/20/11 17:00	1
Thallium	ND		0.20	0.10	ug/L		12/20/11 10:38	12/20/11 17:00	1
Potassium	5300		100	31	ug/L		12/20/11 10:38	12/20/11 17:00	1
Magnesium	55000		50	18	ug/L		12/20/11 10:38	12/20/11 17:00	1
Manganese	150		2.5	1.2	ug/L		12/20/11 10:38	12/20/11 17:00	1
Sodium	110000		1000	460	ug/L		12/20/11 10:38	12/22/11 13:37	20
Nickel	3.6		1.0	0.40	ug/L		12/20/11 10:38	12/20/11 17:00	1
Vanadium	ND		1.0	0.30	ug/L		12/20/11 10:38	12/20/11 17:00	1
Zinc	3.5	J	20	2.8	ug/L		12/20/11 10:38	12/20/11 17:00	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		12/16/11 10:19	12/19/11 15:52	1

Client Sample ID: WGC-RW02-121411-DP

Lab Sample ID: 680-75335-3

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2200		25	9.0	ug/L			12/22/11 19:09	50
Carbon tetrachloride	ND		10	4.4	ug/L			12/21/11 20:40	20
Chlorobenzene	ND		10	5.4	ug/L			12/21/11 20:40	20
1,2-Dichlorobenzene	ND		10	3.4	ug/L			12/21/11 20:40	20
1,4-Dichlorobenzene	ND		10	3.6	ug/L			12/21/11 20:40	20
1,2-Dichloroethane	ND		10	3.4	ug/L			12/21/11 20:40	20
1,1-Dichloroethene	ND		10	6.4	ug/L			12/21/11 20:40	20
cis-1,2-Dichloroethene	ND		10	7.4	ug/L			12/21/11 20:40	20
trans-1,2-Dichloroethene	ND		10	4.8	ug/L			12/21/11 20:40	20
1,2-Dichloropropane	ND		10	9.0	ug/L			12/21/11 20:40	20
Ethylbenzene	970		10	2.4	ug/L			12/21/11 20:40	20
Methylene Chloride	ND		10	7.2	ug/L			12/21/11 20:40	20
Styrene	ND		10	5.6	ug/L			12/21/11 20:40	20
Tetrachloroethene	ND		10	6.0	ug/L			12/21/11 20:40	20
Toluene	630		10	4.6	ug/L			12/21/11 20:40	20
1,2,4-Trichlorobenzene	ND		10	3.6	ug/L			12/21/11 20:40	20
1,1,1-Trichloroethane	ND		10	5.4	ug/L			12/21/11 20:40	20
1,1,2-Trichloroethane	ND		10	4.4	ug/L			12/21/11 20:40	20
Vinyl chloride	ND	*	10	6.6	ug/L			12/21/11 20:40	20
Chloroform	ND		10	5.8	ug/L			12/21/11 20:40	20
Dichlorobromomethane	ND	*	20	11	ug/L			12/21/11 20:40	20
Bromoform	ND		10	7.8	ug/L			12/21/11 20:40	20
Chlorodibromomethane	ND		10	8.6	ug/L			12/21/11 20:40	20
Bromobenzene	ND		10	8.4	ug/L			12/21/11 20:40	20
Chlorobromomethane	ND		10	6.0	ug/L			12/21/11 20:40	20
Bromomethane	ND		20	9.0	ug/L			12/21/11 20:40	20
n-Butylbenzene	ND		10	3.4	ug/L			12/21/11 20:40	20
sec-Butylbenzene	ND		10	2.8	ug/L			12/21/11 20:40	20
tert-Butylbenzene	ND		10	2.8	ug/L			12/21/11 20:40	20

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411-DP

Lab Sample ID: 680-75335-3

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		20	6.6	ug/L			12/21/11 20:40	20
Chloromethane	ND	*	10	6.4	ug/L			12/21/11 20:40	20
2-Chlorotoluene	ND		10	3.4	ug/L			12/21/11 20:40	20
4-Chlorotoluene	ND		10	3.2	ug/L			12/21/11 20:40	20
1,2-Dibromo-3-Chloropropane	ND		10	6.0	ug/L			12/21/11 20:40	20
Ethylene Dibromide	ND		10	4.0	ug/L			12/21/11 20:40	20
Dibromomethane	ND		10	7.6	ug/L			12/21/11 20:40	20
1,3-Dichlorobenzene	ND		10	2.8	ug/L			12/21/11 20:40	20
Dichlorodifluoromethane	ND	*	10	6.8	ug/L			12/21/11 20:40	20
1,1-Dichloroethane	ND		10	7.8	ug/L			12/21/11 20:40	20
1,3-Dichloropropane	ND		10	8.6	ug/L			12/21/11 20:40	20
2,2-Dichloropropane	ND		10	6.2	ug/L			12/21/11 20:40	20
1,1-Dichloropropene	ND		10	3.8	ug/L			12/21/11 20:40	20
cis-1,3-Dichloropropene	ND		10	6.4	ug/L			12/21/11 20:40	20
trans-1,3-Dichloropropene	ND		10	9.6	ug/L			12/21/11 20:40	20
Hexachlorobutadiene	ND		10	5.2	ug/L			12/21/11 20:40	20
Isopropylbenzene	35		10	3.0	ug/L			12/21/11 20:40	20
4-Isopropyltoluene	ND		10	4.2	ug/L			12/21/11 20:40	20
Methyl tert-butyl ether	ND		10	5.2	ug/L			12/21/11 20:40	20
Naphthalene	51		20	8.6	ug/L			12/21/11 20:40	20
N-Propylbenzene	76		10	3.4	ug/L			12/21/11 20:40	20
1,1,1,2-Tetrachloroethane	ND		10	3.2	ug/L			12/21/11 20:40	20
1,1,2,2-Tetrachloroethane	ND		10	3.6	ug/L			12/21/11 20:40	20
1,2,3-Trichlorobenzene	ND		10	2.8	ug/L			12/21/11 20:40	20
Trichlorofluoromethane	ND		10	4.6	ug/L			12/21/11 20:40	20
1,2,3-Trichloropropane	ND		10	3.6	ug/L			12/21/11 20:40	20
1,2,4-Trimethylbenzene	460		10	3.4	ug/L			12/21/11 20:40	20
1,3,5-Trimethylbenzene	51		10	3.2	ug/L			12/21/11 20:40	20
o-Xylene	530		10	5.4	ug/L			12/21/11 20:40	20
m-Xylene & p-Xylene	1600		10	8.4	ug/L			12/21/11 20:40	20
Acetone	ND		200	100	ug/L			12/21/11 20:40	20
2-Butanone (MEK)	ND		200	100	ug/L			12/21/11 20:40	20
4-Methyl-2-pentanone (MIBK)	ND		200	100	ug/L			12/21/11 20:40	20
2-Hexanone	ND		200	100	ug/L			12/21/11 20:40	20
Trichloroethene	ND		10	7.4	ug/L			12/21/11 20:40	20
Xylenes, Total	2100		10	5.4	ug/L			12/21/11 20:40	20
Trihalomethanes, Total	ND		10	5.8	ug/L			12/21/11 20:40	20
Tert-butyl ethyl ether	ND		10	5.2	ug/L			12/21/11 20:40	20
Diisopropyl ether	ND		10	5.6	ug/L			12/21/11 20:40	20
Freon 113	ND	*	10	3.0	ug/L			12/21/11 20:40	20
Tert-amyl methyl ether	ND		10	4.0	ug/L			12/21/11 20:40	20
1,3-Dichloropropene, Total	ND		10	6.4	ug/L			12/21/11 20:40	20
tert-Butyl alcohol	ND		40	32	ug/L			12/21/11 20:40	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130					12/21/11 20:40	20
4-Bromofluorobenzene	107		70 - 130					12/22/11 19:09	50
1,2-Dichlorobenzene-d4	92		70 - 130					12/21/11 20:40	20
1,2-Dichlorobenzene-d4	105		70 - 130					12/22/11 19:09	50

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411-DP

Lab Sample ID: 680-75335-3

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorothalonil	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,2',3',4,6-Pentachlorobiphenyl	ND		2.1	0.55	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,2',4,4'-Tetrachlorobiphenyl	ND		5.4	0.30	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,3-Dichlorobiphenyl	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,4,5-Trichlorobiphenyl	ND		2.1	0.36	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,4-Dinitrotoluene	ND		8.0	0.58	ug/L		12/16/11 07:26	12/21/11 23:53	10
2,6-Dinitrotoluene	ND		8.0	0.45	ug/L		12/16/11 07:26	12/21/11 23:53	10
2-Chlorobiphenyl	ND		5.4	0.43	ug/L		12/16/11 07:26	12/21/11 23:53	10
4,4'-DDD	ND		5.4	0.33	ug/L		12/16/11 07:26	12/21/11 23:53	10
4,4'-DDE	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
4,4'-DDT	ND		5.4	0.27	ug/L		12/16/11 07:26	12/21/11 23:53	10
Acenaphthylene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Acetochlor	ND		5.4	0.45	ug/L		12/16/11 07:26	12/21/11 23:53	10
Alachlor	ND		2.1	0.35	ug/L		12/16/11 07:26	12/21/11 23:53	10
Aldrin	ND		2.1	0.41	ug/L		12/16/11 07:26	12/21/11 23:53	10
alpha-BHC	ND		2.1	0.43	ug/L		12/16/11 07:26	12/21/11 23:53	10
alpha-Chlordane	ND		5.4	0.44	ug/L		12/16/11 07:26	12/21/11 23:53	10
Anthracene	ND		2.1	0.25	ug/L		12/16/11 07:26	12/21/11 23:53	10
Atrazine	ND		2.1	0.24	ug/L		12/16/11 07:26	12/21/11 23:53	10
Benzo[a]anthracene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Benzo[a]pyrene	ND		2.1	0.31	ug/L		12/16/11 07:26	12/21/11 23:53	10
Benzo[b]fluoranthene	ND		2.1	0.24	ug/L		12/16/11 07:26	12/21/11 23:53	10
Benzo[g,h,i]perylene	ND		2.1	0.48	ug/L		12/16/11 07:26	12/21/11 23:53	10
Benzo[k]fluoranthene	ND		2.1	0.37	ug/L		12/16/11 07:26	12/21/11 23:53	10
beta-BHC	ND		2.1	0.48	ug/L		12/16/11 07:26	12/21/11 23:53	10
Bis(2-ethylhexyl) phthalate	ND		21	6.4	ug/L		12/16/11 07:26	12/21/11 23:53	10
Bromacil	ND		5.4	0.27	ug/L		12/16/11 07:26	12/21/11 23:53	10
Butachlor	ND		5.4	0.34	ug/L		12/16/11 07:26	12/21/11 23:53	10
Butyl benzyl phthalate	ND		8.0	0.47	ug/L		12/16/11 07:26	12/21/11 23:53	10
Butylate	ND		2.1	0.35	ug/L		12/16/11 07:26	12/21/11 23:53	10
Chloroneb	ND		5.4	0.32	ug/L		12/16/11 07:26	12/21/11 23:53	10
Chlorpropham	ND		2.1	0.40	ug/L		12/16/11 07:26	12/21/11 23:53	10
Chlorpyrifos	ND		5.4	0.48	ug/L		12/16/11 07:26	12/21/11 23:53	10
Chrysene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
cis-Permethrin	ND		5.4	0.27	ug/L		12/16/11 07:26	12/21/11 23:53	10
Cycloate	ND		2.1	0.24	ug/L		12/16/11 07:26	12/21/11 23:53	10
delta-BHC	ND		2.1	0.39	ug/L		12/16/11 07:26	12/21/11 23:53	10
Di(2-ethylhexyl)adipate	ND		16	6.4	ug/L		12/16/11 07:26	12/21/11 23:53	10
Di-n-butyl phthalate	ND		16	0.43	ug/L		12/16/11 07:26	12/21/11 23:53	10
Dibenz(a,h)anthracene	ND		2.1	0.66	ug/L		12/16/11 07:26	12/21/11 23:53	10
Dichlorvos	ND		2.1	0.63	ug/L		12/16/11 07:26	12/21/11 23:53	10
Dieldrin	ND		5.4	0.48	ug/L		12/16/11 07:26	12/21/11 23:53	10
Diethyl phthalate	ND		16	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Dimethyl phthalate	ND		16	0.24	ug/L		12/16/11 07:26	12/21/11 23:53	10
Diphenamid	ND		2.1	0.26	ug/L		12/16/11 07:26	12/21/11 23:53	10
Endosulfan I	ND		5.4	0.93	ug/L		12/16/11 07:26	12/21/11 23:53	10
Endosulfan II	ND		5.4	0.91	ug/L		12/16/11 07:26	12/21/11 23:53	10
Endosulfan sulfate	ND		5.4	0.54	ug/L		12/16/11 07:26	12/21/11 23:53	10
Endrin	ND		5.4	0.77	ug/L		12/16/11 07:26	12/21/11 23:53	10
Endrin aldehyde	ND		11	1.5	ug/L		12/16/11 07:26	12/21/11 23:53	10

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411-DP

Lab Sample ID: 680-75335-3

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EPTC	ND		2.1	0.27	ug/L		12/16/11 07:26	12/21/11 23:53	10
Chlorobenzilate	ND		72	31	ug/L		12/16/11 07:26	12/21/11 23:53	10
Etridiazole	ND		2.1	0.59	ug/L		12/16/11 07:26	12/21/11 23:53	10
Fenarimol	ND		54	20	ug/L		12/16/11 07:26	12/21/11 23:53	10
Fluorene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Fluridone	ND		8.0	0.66	ug/L		12/16/11 07:26	12/21/11 23:53	10
gamma-BHC (Lindane)	ND		2.1	0.87	ug/L		12/16/11 07:26	12/21/11 23:53	10
gamma-Chlordane	ND		2.1	0.48	ug/L		12/16/11 07:26	12/21/11 23:53	10
Heptachlor	ND		2.1	0.58	ug/L		12/16/11 07:26	12/21/11 23:53	10
Heptachlor epoxide	ND		4.3	1.9	ug/L		12/16/11 07:26	12/21/11 23:53	10
Hexachlorobenzene	ND		2.1	0.44	ug/L		12/16/11 07:26	12/21/11 23:53	10
Hexachlorocyclopentadiene	ND		21	0.45	ug/L		12/16/11 07:26	12/21/11 23:53	10
Hexazinone	ND		5.4	0.25	ug/L		12/16/11 07:26	12/21/11 23:53	10
Indeno[1,2,3-cd]pyrene	ND		2.1	0.37	ug/L		12/16/11 07:26	12/21/11 23:53	10
Isophorone	ND		2.1	0.67	ug/L		12/16/11 07:26	12/21/11 23:53	10
Methoxychlor	ND		5.4	0.46	ug/L		12/16/11 07:26	12/21/11 23:53	10
Methyl paraoxon	ND		5.4	0.42	ug/L		12/16/11 07:26	12/21/11 23:53	10
Metolachlor	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Metribuzin	ND		2.1	0.24	ug/L		12/16/11 07:26	12/21/11 23:53	10
Mevinphos	ND		5.4	0.29	ug/L		12/16/11 07:26	12/21/11 23:53	10
Ethoprop	ND		5.4	0.33	ug/L		12/16/11 07:26	12/21/11 23:53	10
Molinate	ND		2.1	0.41	ug/L		12/16/11 07:26	12/21/11 23:53	10
Napropamide	ND		5.4	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Norflurazon	ND		5.4	0.32	ug/L		12/16/11 07:26	12/21/11 23:53	10
Pebulate	ND		2.1	0.47	ug/L		12/16/11 07:26	12/21/11 23:53	10
Phenanthrene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Pronamide	ND		2.1	0.28	ug/L		12/16/11 07:26	12/21/11 23:53	10
Propachlor	ND		2.1	0.27	ug/L		12/16/11 07:26	12/21/11 23:53	10
Propazine	ND		2.1	0.43	ug/L		12/16/11 07:26	12/21/11 23:53	10
Pyrene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Simazine	ND		5.4	0.37	ug/L		12/16/11 07:26	12/21/11 23:53	10
Terbacil	ND		5.4	0.52	ug/L		12/16/11 07:26	12/21/11 23:53	10
DCPA	ND		2.1	0.31	ug/L		12/16/11 07:26	12/21/11 23:53	10
Triadimefon	ND		11	1.7	ug/L		12/16/11 07:26	12/21/11 23:53	10
Tricyclazole	ND	W	16	0.50	ug/L		12/16/11 07:26	12/21/11 23:53	10
Trifluralin	ND		2.1	0.45	ug/L		12/16/11 07:26	12/21/11 23:53	10
Vernolate	ND		2.1	0.25	ug/L		12/16/11 07:26	12/21/11 23:53	10
Tetrachlorvinphos (Stirophos)	ND		21	2.5	ug/L		12/16/11 07:26	12/21/11 23:53	10
2-Methylnaphthalene	8.0		2.1	2.1	ug/L		12/16/11 07:26	12/21/11 23:53	10
Acenaphthene	ND		2.1	0.43	ug/L		12/16/11 07:26	12/21/11 23:53	10
Fluoranthene	ND		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Naphthalene	60		2.1	0.21	ug/L		12/16/11 07:26	12/21/11 23:53	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	0	D	70 - 130				12/16/11 07:26	12/21/11 23:53	10
Perylene-d12	0	D	70 - 130				12/16/11 07:26	12/21/11 23:53	10
Triphenylphosphate	0	D	70 - 130				12/16/11 07:26	12/21/11 23:53	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	*	1.0	0.40	ug/L		12/20/11 10:38	12/22/11 13:00	1

Handwritten signature and date:
11/6/12



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-RW02-121411-DP

Lab Sample ID: 680-75335-3

Date Collected: 12/14/11 11:13

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.10	ug/L		12/20/11 10:38	12/20/11 17:05	1
Aluminum	ND		10	4.6	ug/L		12/20/11 10:38	12/20/11 17:05	1
Arsenic	28		1.0	0.37	ug/L		12/20/11 10:38	12/20/11 17:05	1
Barium	140		2.0	0.14	ug/L		12/20/11 10:38	12/20/11 17:05	1
Beryllium	ND		0.40	0.15	ug/L		12/20/11 10:38	12/20/11 17:05	1
Cadmium	0.15		0.10	0.043	ug/L		12/20/11 10:38	12/20/11 17:05	1
Calcium	120000		2500	800	ug/L		12/20/11 10:38	12/21/11 17:31	10
Chromium	ND		2.0	1.0	ug/L		12/20/11 10:38	12/20/11 17:05	1
Copper	12		1.0	0.50	ug/L		12/20/11 10:38	12/20/11 17:05	1
Cobalt	0.38	J	0.40	0.12	ug/L		12/20/11 10:38	12/20/11 17:05	1
Lead	0.16	J B	0.60	0.060	ug/L		12/20/11 10:38	12/21/11 16:49	1
Selenium	ND		2.0	0.58	ug/L		12/20/11 10:38	12/20/11 17:05	1
Iron	21000		50	20	ug/L		12/20/11 10:38	12/20/11 17:05	1
Thallium	ND		0.20	0.10	ug/L		12/20/11 10:38	12/20/11 17:05	1
Potassium	5100		100	31	ug/L		12/20/11 10:38	12/20/11 17:05	1
Magnesium	52000		50	18	ug/L		12/20/11 10:38	12/20/11 17:05	1
Manganese	150		2.5	1.2	ug/L		12/20/11 10:38	12/20/11 17:05	1
Sodium	100000		1000	460	ug/L		12/20/11 10:38	12/22/11 13:42	20
Nickel	3.5		1.0	0.40	ug/L		12/20/11 10:38	12/20/11 17:05	1
Vanadium	ND		1.0	0.30	ug/L		12/20/11 10:38	12/20/11 17:05	1
Zinc	4.5	J	20	2.8	ug/L		12/20/11 10:38	12/20/11 17:05	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		12/16/11 10:19	12/19/11 15:55	1

Client Sample ID: WGC-TB01-121411

Lab Sample ID: 680-75335-4

Date Collected: 12/14/11 12:10

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			12/21/11 21:07	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			12/21/11 21:07	1
Chlorobenzene	ND		0.50	0.27	ug/L			12/21/11 21:07	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			12/21/11 21:07	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			12/21/11 21:07	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			12/21/11 21:07	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			12/21/11 21:07	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			12/21/11 21:07	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			12/21/11 21:07	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			12/21/11 21:07	1
Ethylbenzene	ND		0.50	0.12	ug/L			12/21/11 21:07	1
Methylene Chloride	3.3		0.50	0.36	ug/L			12/21/11 21:07	1
Styrene	ND		0.50	0.28	ug/L			12/21/11 21:07	1
Tetrachloroethene	ND		0.50	0.30	ug/L			12/21/11 21:07	1
Toluene	ND		0.50	0.23	ug/L			12/21/11 21:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			12/21/11 21:07	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			12/21/11 21:07	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			12/21/11 21:07	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-TB01-121411

Lab Sample ID: 680-75335-4

Date Collected: 12/14/11 12:10

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND	*	0.50	0.33	ug/L			12/21/11 21:07	1
Chloroform	ND		0.50	0.29	ug/L			12/21/11 21:07	1
Dichlorobromomethane	ND	*	1.0	0.54	ug/L			12/21/11 21:07	1
Bromoform	ND		0.50	0.39	ug/L			12/21/11 21:07	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			12/21/11 21:07	1
Bromobenzene	ND		0.50	0.42	ug/L			12/21/11 21:07	1
Chlorobromomethane	ND		0.50	0.30	ug/L			12/21/11 21:07	1
Bromomethane	ND		1.0	0.45	ug/L			12/21/11 21:07	1
n-Butylbenzene	ND		0.50	0.17	ug/L			12/21/11 21:07	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			12/21/11 21:07	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			12/21/11 21:07	1
Chloroethane	ND		1.0	0.33	ug/L			12/21/11 21:07	1
Chloromethane	0.71	*	0.50	0.32	ug/L			12/21/11 21:07	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			12/21/11 21:07	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			12/21/11 21:07	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			12/21/11 21:07	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			12/21/11 21:07	1
Dibromomethane	ND		0.50	0.38	ug/L			12/21/11 21:07	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			12/21/11 21:07	1
Dichlorodifluoromethane	ND	*	0.50	0.34	ug/L			12/21/11 21:07	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			12/21/11 21:07	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			12/21/11 21:07	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			12/21/11 21:07	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			12/21/11 21:07	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			12/21/11 21:07	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			12/21/11 21:07	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			12/21/11 21:07	1
Isopropylbenzene	ND		0.50	0.15	ug/L			12/21/11 21:07	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			12/21/11 21:07	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			12/21/11 21:07	1
Naphthalene	ND		1.0	0.43	ug/L			12/21/11 21:07	1
N-Propylbenzene	ND		0.50	0.17	ug/L			12/21/11 21:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			12/21/11 21:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			12/21/11 21:07	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			12/21/11 21:07	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			12/21/11 21:07	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			12/21/11 21:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			12/21/11 21:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			12/21/11 21:07	1
o-Xylene	ND		0.50	0.27	ug/L			12/21/11 21:07	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			12/21/11 21:07	1
Acetone	ND		10	5.0	ug/L			12/21/11 21:07	1
2-Butanone (MEK)	ND		10	5.0	ug/L			12/21/11 21:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			12/21/11 21:07	1
2-Hexanone	ND		10	5.0	ug/L			12/21/11 21:07	1
Trichloroethene	ND		0.50	0.37	ug/L			12/21/11 21:07	1
Xylenes, Total	ND		0.50	0.27	ug/L			12/21/11 21:07	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			12/21/11 21:07	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			12/21/11 21:07	1
Diisopropyl ether	ND		0.50	0.28	ug/L			12/21/11 21:07	1

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Wedron GW SA/ Residential Well Water

TestAmerica Job ID: 680-75335-1

Client Sample ID: WGC-TB01-121411

Lab Sample ID: 680-75335-4

Date Collected: 12/14/11 12:10

Matrix: Drinking Water

Date Received: 12/15/11 09:40

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 113	ND	*	0.50	0.15	ug/L			12/21/11 21:07	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			12/21/11 21:07	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			12/21/11 21:07	1
tert-Butyl alcohol	4.8		2.0	1.6	ug/L			12/21/11 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		70 - 130					12/21/11 21:07	1
1,2-Dichlorobenzene-d4	78		70 - 130					12/21/11 21:07	1



**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: February 16, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-76487-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three water samples and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2
- Semivolatile Organic Carbons (SVOC) by Method 525.2
- Target Analyte List (TAL) Metals by Methods 200.8 and 245.1

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA “Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review” dated June 2008 and “Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review” dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-013012	680-76487-1	Water	1/30/2012	2/6/2012 – 2/8/2012
WGC-RW01-013012D	680-76487-2	Water	1/30/2012	2/6/2012 – 2/8/2012
WGC-RW02-013012	680-76487-3	Water	1/30/2012	2/8/2012
TRIP BLANK	680-76487-4	Water	1/30/2012	2/6/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the VOC analyses and were free of target compound contamination above the reporting limit. A few compounds were detected below the reporting limit. In most instances, the compound was not detected in the sample or detected at a much higher concentration and no qualifications were required. The exception was naphthalene in sample WGC-RW02-013012 which was qualified “U” as not detected because it was at a similar concentration to the method blank.

The trip blank contained no target compounds above the reporting limits.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD).

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were not analyzed with the VOC analyses. No qualifications are warranted for this omission.

7. Field Duplicate Results

Sample WGC-RW01-013012D is a field duplicate of sample WGC-RW01-013012. The RPDs were calculated for detected VOCs. Excluding acetone, the RPDs ranged from 17 to 27 percent which is acceptable. For acetone, the RPD was 122 percent which is high; typical QC limit for field duplicates is 50 RPD. This indicates some sample heterogeneity associated with acetone in the samples. No qualifications applied.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

SVOCs BY METHOD 525.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WGC-RW01-013012	680-76487-1	Water	1/30/2012	2/3/2012	2/5/2012
WGC-RW01-013012D	680-76487-2	Water	1/30/2012	2/3/2012	2/6/2012
WGC-RW02-013012	680-76487-3	Water	1/30/2012	2/3/2012	2/6/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the SVOC analysis and was free of target compound contamination above the reporting limit. Di-n-butyl phthalate was detected below the reporting limit in the method blank. The sample results for di-n-butyl phthalate were also below the reporting limit and at a similar concentration to the method blank. All di-n-butyl phthalate results were flagged "U" as not detected.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established QC limits.

5. **LCS Results**

The LCS recoveries were within laboratory QC limits.

6. **MS and MSD Results**

An MS and MSD were not analyzed with the SVOC analyses. No qualifications are warranted for this omission.

7. **Field Duplicate Results**

Sample WGC-RW01-013012D is a field duplicate of sample WGC-RW01-013012. The RPDs were calculated for detected SVOCs. The RPDs ranged from 16 to 23 percent which is acceptable.

8. **Overall Assessment**

The SVOC data are acceptable for use as qualified based on the information received.

TAL METALS BY METHODS 200.8 AND 245.1

1. **Samples**

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-013012	680-76487-1	Water	1/30/2012	2/6/2012 – 2/9/2012
WGC-RW01-013012D	680-76487-2	Water	1/30/2012	2/6/2012 – 2/9/2012
WGC-RW02-013012	680-76487-3	Water	1/30/2012	2/6/2012 – 2/9/2012

2. **Holding Times**

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analyses. The blanks were free of target analyte contamination above the reporting limits. Sodium was detected below the reporting limit in the method blank. However, sodium was detected at a much higher concentration in the samples than the method blank and therefore, no qualifications are required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

Site-specific MS and MSDs were analyzed. The percent recoveries and RPDs were within QC limits except for as follows.

In some instances, the metal recoveries were outside the QC limit but the spike amount was more than four times lower than the sample concentration. In these instances, no qualifications are required.

6. Field Duplicate Results

Sample WGC-RW01-013012D is a field duplicate of sample WGC-RW01-013012. The RPDs were calculated for detected SVOCs. The RPDs ranged from 0 to 45 percent which is acceptable.

7. Overall Assessment

The laboratory flagged some results with a “J” to indicate that they should be considered estimated because they were detected below the reporting limit. These qualifiers are accepted.

The metals data are acceptable for use as qualified based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-76487-1

ATTACHMENT

TESTAMERICA

RESULTS SUMMARY WITH QUALIFIERS

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012

Lab Sample ID: 680-76487-1

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	140		5.0	1.8	ug/L			02/08/12 21:26	10
Carbon tetrachloride	ND		0.50	0.22	ug/L			02/06/12 14:25	1
Chlorobenzene	ND		0.50	0.27	ug/L			02/06/12 14:25	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			02/06/12 14:25	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 14:25	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			02/06/12 14:25	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			02/06/12 14:25	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			02/06/12 14:25	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			02/06/12 14:25	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			02/06/12 14:25	1
Ethylbenzene	93		5.0	1.2	ug/L			02/08/12 21:26	10
Methylene Chloride	ND		0.50	0.36	ug/L			02/06/12 14:25	1
Styrene	ND		0.50	0.28	ug/L			02/06/12 14:25	1
Tetrachloroethene	ND		0.50	0.30	ug/L			02/06/12 14:25	1
Toluene	300		5.0	2.3	ug/L			02/08/12 21:26	10
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 14:25	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/06/12 14:25	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			02/06/12 14:25	1
Vinyl chloride	ND		0.50	0.33	ug/L			02/06/12 14:25	1
Chloroform	0.55		0.50	0.29	ug/L			02/06/12 14:25	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			02/06/12 14:25	1
Bromoform	ND		0.50	0.39	ug/L			02/06/12 14:25	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			02/06/12 14:25	1
Bromobenzene	ND		0.50	0.42	ug/L			02/06/12 14:25	1
Chlorobromomethane	ND		0.50	0.30	ug/L			02/06/12 14:25	1
Bromomethane	ND		1.0	0.45	ug/L			02/06/12 14:25	1
n-Butylbenzene	ND		0.50	0.17	ug/L			02/06/12 14:25	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 14:25	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 14:25	1
Chloroethane	ND		1.0	0.33	ug/L			02/06/12 14:25	1
Chloromethane	ND	*	0.50	0.32	ug/L			02/06/12 14:25	1
2-Chlorotoluene	6.5		0.50	0.17	ug/L			02/06/12 14:25	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			02/06/12 14:25	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			02/06/12 14:25	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			02/06/12 14:25	1
Dibromomethane	ND		0.50	0.38	ug/L			02/06/12 14:25	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 14:25	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			02/06/12 14:25	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			02/06/12 14:25	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			02/06/12 14:25	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			02/06/12 14:25	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			02/06/12 14:25	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			02/06/12 14:25	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			02/06/12 14:25	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			02/06/12 14:25	1
Isopropylbenzene	3.2		0.50	0.15	ug/L			02/06/12 14:25	1
4-Isopropyltoluene	0.52		0.50	0.21	ug/L			02/06/12 14:25	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			02/06/12 14:25	1
Naphthalene	6.2		1.0	0.43	ug/L			02/06/12 14:25	1
N-Propylbenzene	6.7		0.50	0.17	ug/L			02/06/12 14:25	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			02/06/12 14:25	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012

Lab Sample ID: 680-76487-1

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			02/06/12 14:25	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 14:25	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			02/06/12 14:25	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			02/06/12 14:25	1
1,2,4-Trimethylbenzene	63		5.0	1.7	ug/L			02/08/12 21:26	10
1,3,5-Trimethylbenzene	16		0.50	0.16	ug/L			02/06/12 14:25	1
o-Xylene	110		5.0	2.7	ug/L			02/08/12 21:26	10
m-Xylene & p-Xylene	370		5.0	4.2	ug/L			02/08/12 21:26	10
Acetone	62		10	5.0	ug/L			02/06/12 14:25	1
2-Butanone (MEK)	ND		10	5.0	ug/L			02/06/12 14:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			02/06/12 14:25	1
2-Hexanone	ND		10	5.0	ug/L			02/06/12 14:25	1
Trichloroethene	ND		0.50	0.37	ug/L			02/06/12 14:25	1
Xylenes, Total	490		0.50	0.27	ug/L			02/06/12 14:25	1
Trihalomethanes, Total	0.55		0.50	0.29	ug/L			02/06/12 14:25	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			02/06/12 14:25	1
Diisopropyl ether	ND		0.50	0.28	ug/L			02/06/12 14:25	1
Freon 113	ND		0.50	0.15	ug/L			02/06/12 14:25	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			02/06/12 14:25	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			02/06/12 14:25	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			02/06/12 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130					02/06/12 14:25	1
1,2-Dichlorobenzene-d4	93		70 - 130					02/06/12 14:25	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorothalonil	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,2',3',4,6-Pentachlorobiphenyl	ND		0.20	0.050	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,2',4,4'-Tetrachlorobiphenyl	ND		0.49	0.028	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,3-Dichlorobiphenyl	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,4,5-Trichlorobiphenyl	ND		0.20	0.034	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,4-Dinitrotoluene	ND		0.74	0.053	ug/L		02/03/12 07:57	02/05/12 23:40	1
2,6-Dinitrotoluene	ND		0.74	0.041	ug/L		02/03/12 07:57	02/05/12 23:40	1
2-Chlorobiphenyl	ND		0.49	0.039	ug/L		02/03/12 07:57	02/05/12 23:40	1
4,4'-DDD	ND		0.49	0.031	ug/L		02/03/12 07:57	02/05/12 23:40	1
4,4'-DDE	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
4,4'-DDT	ND		0.49	0.025	ug/L		02/03/12 07:57	02/05/12 23:40	1
Acenaphthylene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Acetochlor	ND		0.49	0.041	ug/L		02/03/12 07:57	02/05/12 23:40	1
Alachlor	ND		0.20	0.033	ug/L		02/03/12 07:57	02/05/12 23:40	1
Aldrin	ND		0.20	0.037	ug/L		02/03/12 07:57	02/05/12 23:40	1
alpha-BHC	ND		0.20	0.039	ug/L		02/03/12 07:57	02/05/12 23:40	1
alpha-Chlordane	ND		0.49	0.040	ug/L		02/03/12 07:57	02/05/12 23:40	1
Anthracene	ND		0.20	0.023	ug/L		02/03/12 07:57	02/05/12 23:40	1
Atrazine	ND		0.20	0.022	ug/L		02/03/12 07:57	02/05/12 23:40	1
Benzo[a]anthracene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Benzo[a]pyrene	ND		0.20	0.029	ug/L		02/03/12 07:57	02/05/12 23:40	1
Benzo[b]fluoranthene	ND		0.20	0.022	ug/L		02/03/12 07:57	02/05/12 23:40	1
Benzo[g,h,i]perylene	ND		0.20	0.044	ug/L		02/03/12 07:57	02/05/12 23:40	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012

Lab Sample ID: 680-76487-1

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.20	0.035	ug/L		02/03/12 07:57	02/05/12 23:40	1
beta-BHC	ND		0.20	0.044	ug/L		02/03/12 07:57	02/05/12 23:40	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.59	ug/L		02/03/12 07:57	02/05/12 23:40	1
Bromacil	ND		0.49	0.025	ug/L		02/03/12 07:57	02/05/12 23:40	1
Butachlor	ND		0.49	0.032	ug/L		02/03/12 07:57	02/05/12 23:40	1
Butyl benzyl phthalate	ND		0.74	0.043	ug/L		02/03/12 07:57	02/05/12 23:40	1
Butylate	ND		0.20	0.033	ug/L		02/03/12 07:57	02/05/12 23:40	1
Chloroneb	ND		0.49	0.030	ug/L		02/03/12 07:57	02/05/12 23:40	1
Chlorpropham	ND		0.20	0.036	ug/L		02/03/12 07:57	02/05/12 23:40	1
Chlorpyrifos	ND		0.49	0.044	ug/L		02/03/12 07:57	02/05/12 23:40	1
Chrysene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
cis-Permethrin	ND		0.49	0.025	ug/L		02/03/12 07:57	02/05/12 23:40	1
Cycloate	ND		0.20	0.022	ug/L		02/03/12 07:57	02/05/12 23:40	1
delta-BHC	ND		0.20	0.036	ug/L		02/03/12 07:57	02/05/12 23:40	1
Di(2-ethylhexyl)adipate	ND		1.5	0.59	ug/L		02/03/12 07:57	02/05/12 23:40	1
Di-n-butyl phthalate	0.094	JB 1.50	1.5	0.039	ug/L		02/03/12 07:57	02/05/12 23:40	1
Dibenz(a,h)anthracene	ND	*	0.20	0.061	ug/L		02/03/12 07:57	02/05/12 23:40	1
Dichlorvos	ND		0.20	0.058	ug/L		02/03/12 07:57	02/05/12 23:40	1
Dieldrin	ND		0.49	0.044	ug/L		02/03/12 07:57	02/05/12 23:40	1
Diethyl phthalate	ND		1.5	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Dimethyl phthalate	ND		1.5	0.022	ug/L		02/03/12 07:57	02/05/12 23:40	1
Diphenamid	ND		0.20	0.024	ug/L		02/03/12 07:57	02/05/12 23:40	1
Endosulfan I	ND		0.49	0.086	ug/L		02/03/12 07:57	02/05/12 23:40	1
Endosulfan II	ND		0.49	0.084	ug/L		02/03/12 07:57	02/05/12 23:40	1
Endosulfan sulfate	ND		0.49	0.049	ug/L		02/03/12 07:57	02/05/12 23:40	1
Endrin	ND		0.49	0.071	ug/L		02/03/12 07:57	02/05/12 23:40	1
Endrin aldehyde	ND		0.99	0.14	ug/L		02/03/12 07:57	02/05/12 23:40	1
EPTC	ND		0.20	0.025	ug/L		02/03/12 07:57	02/05/12 23:40	1
Chlorobenzilate	ND	*	6.6	2.9	ug/L		02/03/12 07:57	02/05/12 23:40	1
Etridiazole	ND	*	0.20	0.054	ug/L		02/03/12 07:57	02/05/12 23:40	1
Fenarimol	ND	*	4.9	1.9	ug/L		02/03/12 07:57	02/05/12 23:40	1
Fluorene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Fluridone	ND		0.74	0.061	ug/L		02/03/12 07:57	02/05/12 23:40	1
gamma-BHC (Lindane)	ND		0.20	0.080	ug/L		02/03/12 07:57	02/05/12 23:40	1
gamma-Chlordane	ND		0.20	0.044	ug/L		02/03/12 07:57	02/05/12 23:40	1
Heptachlor	ND		0.20	0.053	ug/L		02/03/12 07:57	02/05/12 23:40	1
Heptachlor epoxide	ND		0.39	0.18	ug/L		02/03/12 07:57	02/05/12 23:40	1
Hexachlorobenzene	ND		0.20	0.040	ug/L		02/03/12 07:57	02/05/12 23:40	1
Hexachlorocyclopentadiene	ND		2.0	0.041	ug/L		02/03/12 07:57	02/05/12 23:40	1
Hexazinone	ND		0.49	0.023	ug/L		02/03/12 07:57	02/05/12 23:40	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.035	ug/L		02/03/12 07:57	02/05/12 23:40	1
Isophorone	ND		0.20	0.062	ug/L		02/03/12 07:57	02/05/12 23:40	1
Methoxychlor	ND		0.49	0.042	ug/L		02/03/12 07:57	02/05/12 23:40	1
Methyl paraoxon	ND		0.49	0.038	ug/L		02/03/12 07:57	02/05/12 23:40	1
Metolachlor	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Metribuzin	ND		0.20	0.022	ug/L		02/03/12 07:57	02/05/12 23:40	1
Mevinphos	ND		0.49	0.027	ug/L		02/03/12 07:57	02/05/12 23:40	1
Ethoprop	ND		0.49	0.031	ug/L		02/03/12 07:57	02/05/12 23:40	1
Molinate	ND		0.20	0.037	ug/L		02/03/12 07:57	02/05/12 23:40	1
Napropamide	ND		0.49	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Norflurazon	ND		0.49	0.030	ug/L		02/03/12 07:57	02/05/12 23:40	1

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2/16/12



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012

Lab Sample ID: 680-76487-1

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pebulate	ND		0.20	0.043	ug/L		02/03/12 07:57	02/05/12 23:40	1
Phenanthrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Pronamide	ND		0.20	0.026	ug/L		02/03/12 07:57	02/05/12 23:40	1
Propachlor	ND		0.20	0.025	ug/L		02/03/12 07:57	02/05/12 23:40	1
Propazine	ND		0.20	0.039	ug/L		02/03/12 07:57	02/05/12 23:40	1
Pyrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Simazine	ND		0.49	0.035	ug/L		02/03/12 07:57	02/05/12 23:40	1
Terbacil	ND		0.49	0.048	ug/L		02/03/12 07:57	02/05/12 23:40	1
DCPA	ND		0.20	0.029	ug/L		02/03/12 07:57	02/05/12 23:40	1
Triadimefon	ND		0.99	0.16	ug/L		02/03/12 07:57	02/05/12 23:40	1
Tricyclazole	ND		1.5	0.046	ug/L		02/03/12 07:57	02/05/12 23:40	1
Trifluralin	ND		0.20	0.041	ug/L		02/03/12 07:57	02/05/12 23:40	1
Vernolate	ND		0.20	0.023	ug/L		02/03/12 07:57	02/05/12 23:40	1
Tetrachlorvinphos (Stirophos)	ND		2.0	0.23	ug/L		02/03/12 07:57	02/05/12 23:40	1
2-Methylnaphthalene	2.0		0.20	0.20	ug/L		02/03/12 07:57	02/05/12 23:40	1
Acenaphthene	ND		0.20	0.039	ug/L		02/03/12 07:57	02/05/12 23:40	1
Fluoranthene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Naphthalene	11		0.20	0.020	ug/L		02/03/12 07:57	02/05/12 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	103		70 - 130				02/03/12 07:57	02/05/12 23:40	1
Perylene-d12	93		70 - 130				02/03/12 07:57	02/05/12 23:40	1
Triphenylphosphate	102		70 - 130				02/03/12 07:57	02/05/12 23:40	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.40	ug/L		02/03/12 13:43	02/07/12 09:05	1
Silver	ND		1.0	0.10	ug/L		02/03/12 13:43	02/06/12 16:42	1
Aluminum	ND		10	4.6	ug/L		02/03/12 13:43	02/06/12 16:42	1
Arsenic	12		1.0	0.37	ug/L		02/03/12 13:43	02/06/12 16:42	1
Barium	80		2.0	0.14	ug/L		02/03/12 13:43	02/06/12 16:42	1
Beryllium	ND		0.40	0.15	ug/L		02/03/12 13:43	02/06/12 16:42	1
Cadmium	0.47		0.10	0.043	ug/L		02/03/12 13:43	02/07/12 09:05	1
Calcium	110000		1300	400	ug/L		02/03/12 13:43	02/07/12 09:38	5
Chromium	ND		2.0	1.0	ug/L		02/03/12 13:43	02/06/12 16:42	1
Copper	2.5		1.0	0.50	ug/L		02/03/12 13:43	02/06/12 16:42	1
Cobalt	0.61		0.40	0.12	ug/L		02/03/12 13:43	02/06/12 16:42	1
Lead	0.33	J	0.60	0.060	ug/L		02/03/12 13:43	02/06/12 16:42	1
Selenium	ND		2.0	0.58	ug/L		02/03/12 13:43	02/06/12 16:42	1
Iron	2200		50	20	ug/L		02/03/12 13:43	02/06/12 16:42	1
Thallium	ND		0.20	0.10	ug/L		02/03/12 13:43	02/06/12 16:42	1
Potassium	4600		100	31	ug/L		02/03/12 13:43	02/06/12 16:42	1
Magnesium	48000		50	18	ug/L		02/03/12 13:43	02/06/12 16:42	1
Manganese	18		2.5	1.2	ug/L		02/03/12 13:43	02/06/12 16:42	1
Sodium	66000	B	50	23	ug/L		02/03/12 13:43	02/06/12 16:42	1
Nickel	3.8		1.0	0.40	ug/L		02/03/12 13:43	02/06/12 16:42	1
Vanadium	ND		1.0	0.30	ug/L		02/03/12 13:43	02/06/12 16:42	1
Zinc	49		20	2.8	ug/L		02/03/12 13:43	02/06/12 16:42	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		02/08/12 12:37	02/09/12 10:17	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012D

Lab Sample ID: 680-76487-2

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	180		10	3.6	ug/L			02/08/12 19:14	20
Carbon tetrachloride	ND		0.50	0.22	ug/L			02/06/12 14:48	1
Chlorobenzene	ND		0.50	0.27	ug/L			02/06/12 14:48	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			02/06/12 14:48	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 14:48	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			02/06/12 14:48	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			02/06/12 14:48	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			02/06/12 14:48	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			02/06/12 14:48	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			02/06/12 14:48	1
Ethylbenzene	120		10	2.4	ug/L			02/08/12 19:14	20
Methylene Chloride	ND		0.50	0.36	ug/L			02/06/12 14:48	1
Styrene	ND		0.50	0.28	ug/L			02/06/12 14:48	1
Tetrachloroethene	ND		0.50	0.30	ug/L			02/06/12 14:48	1
Toluene	370		10	4.6	ug/L			02/08/12 19:14	20
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 14:48	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/06/12 14:48	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			02/06/12 14:48	1
Vinyl chloride	ND		0.50	0.33	ug/L			02/06/12 14:48	1
Chloroform	ND		0.50	0.29	ug/L			02/06/12 14:48	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			02/06/12 14:48	1
Bromoform	ND		0.50	0.39	ug/L			02/06/12 14:48	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			02/06/12 14:48	1
Bromobenzene	ND		0.50	0.42	ug/L			02/06/12 14:48	1
Chlorobromomethane	ND		0.50	0.30	ug/L			02/06/12 14:48	1
Bromomethane	ND		1.0	0.45	ug/L			02/06/12 14:48	1
n-Butylbenzene	ND		0.50	0.17	ug/L			02/06/12 14:48	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 14:48	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 14:48	1
Chloroethane	ND		1.0	0.33	ug/L			02/06/12 14:48	1
Chloromethane	ND	*	0.50	0.32	ug/L			02/06/12 14:48	1
2-Chlorotoluene	8.4		0.50	0.17	ug/L			02/06/12 14:48	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			02/06/12 14:48	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			02/06/12 14:48	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			02/06/12 14:48	1
Dibromomethane	ND		0.50	0.38	ug/L			02/06/12 14:48	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 14:48	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			02/06/12 14:48	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			02/06/12 14:48	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			02/06/12 14:48	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			02/06/12 14:48	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			02/06/12 14:48	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			02/06/12 14:48	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			02/06/12 14:48	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			02/06/12 14:48	1
Isopropylbenzene	4.1		0.50	0.15	ug/L			02/06/12 14:48	1
4-Isopropyltoluene	0.66		0.50	0.21	ug/L			02/06/12 14:48	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			02/06/12 14:48	1
Naphthalene	8.5		1.0	0.43	ug/L			02/06/12 14:48	1
N-Propylbenzene	8.4		0.50	0.17	ug/L			02/06/12 14:48	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			02/06/12 14:48	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012D

Lab Sample ID: 680-76487-2

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			02/06/12 14:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 14:48	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			02/06/12 14:48	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			02/06/12 14:48	1
1,2,4-Trimethylbenzene	78		10	3.4	ug/L			02/08/12 19:14	20
1,3,5-Trimethylbenzene	20		0.50	0.16	ug/L			02/06/12 14:48	1
o-Xylene	130		10	5.4	ug/L			02/08/12 19:14	20
m-Xylene & p-Xylene	450		10	8.4	ug/L			02/08/12 19:14	20
Acetone	15		10	5.0	ug/L			02/06/12 14:48	1
2-Butanone (MEK)	5.0	J	10	5.0	ug/L			02/06/12 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			02/06/12 14:48	1
2-Hexanone	ND		10	5.0	ug/L			02/06/12 14:48	1
Trichloroethene	ND		0.50	0.37	ug/L			02/06/12 14:48	1
Xylenes, Total	640		0.50	0.27	ug/L			02/06/12 14:48	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			02/06/12 14:48	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			02/06/12 14:48	1
Diisopropyl ether	ND		0.50	0.28	ug/L			02/06/12 14:48	1
Freon 113	ND		0.50	0.15	ug/L			02/06/12 14:48	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			02/06/12 14:48	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			02/06/12 14:48	1
tert-Butyl alcohol	2.2		2.0	1.6	ug/L			02/06/12 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		70 - 130		02/06/12 14:48	1
1,2-Dichlorobenzene-d4	93		70 - 130		02/06/12 14:48	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorothalonil	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,2',3',4,6-Pentachlorobiphenyl	ND		0.20	0.050	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,2',4,4'-Tetrachlorobiphenyl	ND		0.49	0.027	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,3-Dichlorobiphenyl	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,4,5-Trichlorobiphenyl	ND		0.20	0.033	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,4-Dinitrotoluene	ND		0.73	0.053	ug/L		02/03/12 07:57	02/06/12 00:08	1
2,6-Dinitrotoluene	ND		0.73	0.041	ug/L		02/03/12 07:57	02/06/12 00:08	1
2-Chlorobiphenyl	ND		0.49	0.039	ug/L		02/03/12 07:57	02/06/12 00:08	1
4,4'-DDD	ND		0.49	0.030	ug/L		02/03/12 07:57	02/06/12 00:08	1
4,4'-DDE	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
4,4'-DDT	ND		0.49	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Acenaphthylene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Acetochlor	ND		0.49	0.041	ug/L		02/03/12 07:57	02/06/12 00:08	1
Alachlor	ND		0.20	0.032	ug/L		02/03/12 07:57	02/06/12 00:08	1
Aldrin	ND		0.20	0.037	ug/L		02/03/12 07:57	02/06/12 00:08	1
alpha-BHC	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:08	1
alpha-Chlordane	ND		0.49	0.040	ug/L		02/03/12 07:57	02/06/12 00:08	1
Anthracene	ND		0.20	0.023	ug/L		02/03/12 07:57	02/06/12 00:08	1
Atrazine	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:08	1
Benzo[a]anthracene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Benzo[a]pyrene	ND		0.20	0.028	ug/L		02/03/12 07:57	02/06/12 00:08	1
Benzo[b]fluoranthene	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:08	1
Benzo[g,h,i]perylene	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:08	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012D

Lab Sample ID: 680-76487-2

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.20	0.034	ug/L		02/03/12 07:57	02/06/12 00:08	1
beta-BHC	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:08	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.59	ug/L		02/03/12 07:57	02/06/12 00:08	1
Bromacil	ND		0.49	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Butachlor	ND		0.49	0.031	ug/L		02/03/12 07:57	02/06/12 00:08	1
Butyl benzyl phthalate	ND		0.73	0.043	ug/L		02/03/12 07:57	02/06/12 00:08	1
Butylate	ND		0.20	0.032	ug/L		02/03/12 07:57	02/06/12 00:08	1
Chloroneb	ND		0.49	0.029	ug/L		02/03/12 07:57	02/06/12 00:08	1
Chlorpropham	ND		0.20	0.036	ug/L		02/03/12 07:57	02/06/12 00:08	1
Chlorpyrifos	ND		0.49	0.044	ug/L		02/03/12 07:57	02/06/12 00:08	1
Chrysene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
cis-Permethrin	ND		0.49	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Cycloate	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:08	1
delta-BHC	ND		0.20	0.035	ug/L		02/03/12 07:57	02/06/12 00:08	1
Di(2-ethylhexyl)adipate	ND		1.5	0.59	ug/L		02/03/12 07:57	02/06/12 00:08	1
Di-n-butyl phthalate	0.095 JB	1.50	1.5	0.039	ug/L		02/03/12 07:57	02/06/12 00:08	1
Dibenz(a,h)anthracene	ND	*	0.20	0.061	ug/L		02/03/12 07:57	02/06/12 00:08	1
Dichlorvos	ND		0.20	0.058	ug/L		02/03/12 07:57	02/06/12 00:08	1
Dieldrin	ND		0.49	0.044	ug/L		02/03/12 07:57	02/06/12 00:08	1
Diethyl phthalate	ND		1.5	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Dimethyl phthalate	ND		1.5	0.022	ug/L		02/03/12 07:57	02/06/12 00:08	1
Diphenamid	ND		0.20	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Endosulfan I	ND		0.49	0.085	ug/L		02/03/12 07:57	02/06/12 00:08	1
Endosulfan II	ND		0.49	0.083	ug/L		02/03/12 07:57	02/06/12 00:08	1
Endosulfan sulfate	ND		0.49	0.049	ug/L		02/03/12 07:57	02/06/12 00:08	1
Endrin	ND		0.49	0.071	ug/L		02/03/12 07:57	02/06/12 00:08	1
Endrin aldehyde	ND		0.98	0.14	ug/L		02/03/12 07:57	02/06/12 00:08	1
EPTC	ND		0.20	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Chlorobenzilate	ND	*	6.6	2.8	ug/L		02/03/12 07:57	02/06/12 00:08	1
Etridiazole	ND	*	0.20	0.054	ug/L		02/03/12 07:57	02/06/12 00:08	1
Fenarimol	ND	*	4.9	1.9	ug/L		02/03/12 07:57	02/06/12 00:08	1
Fluorene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Fluridone	ND		0.73	0.061	ug/L		02/03/12 07:57	02/06/12 00:08	1
gamma-BHC (Lindane)	ND		0.20	0.079	ug/L		02/03/12 07:57	02/06/12 00:08	1
gamma-Chlordane	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:08	1
Heptachlor	ND		0.20	0.053	ug/L		02/03/12 07:57	02/06/12 00:08	1
Heptachlor epoxide	ND		0.39	0.18	ug/L		02/03/12 07:57	02/06/12 00:08	1
Hexachlorobenzene	ND		0.20	0.040	ug/L		02/03/12 07:57	02/06/12 00:08	1
Hexachlorocyclopentadiene	ND		2.0	0.041	ug/L		02/03/12 07:57	02/06/12 00:08	1
Hexazinone	ND		0.49	0.023	ug/L		02/03/12 07:57	02/06/12 00:08	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.034	ug/L		02/03/12 07:57	02/06/12 00:08	1
Isophorone	ND		0.20	0.062	ug/L		02/03/12 07:57	02/06/12 00:08	1
Methoxychlor	ND		0.49	0.042	ug/L		02/03/12 07:57	02/06/12 00:08	1
Methyl paraoxon	ND		0.49	0.038	ug/L		02/03/12 07:57	02/06/12 00:08	1
Metolachlor	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Metribuzin	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:08	1
Mevinphos	ND		0.49	0.026	ug/L		02/03/12 07:57	02/06/12 00:08	1
Ethoprop	ND		0.49	0.030	ug/L		02/03/12 07:57	02/06/12 00:08	1
Molinate	ND		0.20	0.037	ug/L		02/03/12 07:57	02/06/12 00:08	1
Napropamide	ND		0.49	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Norflurazon	ND		0.49	0.029	ug/L		02/03/12 07:57	02/06/12 00:08	1

Z.Y
2/16/12



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW01-013012D

Lab Sample ID: 680-76487-2

Date Collected: 01/30/12 11:10

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pebulate	ND		0.20	0.043	ug/L		02/03/12 07:57	02/06/12 00:08	1
Phenanthrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Pronamide	ND		0.20	0.025	ug/L		02/03/12 07:57	02/06/12 00:08	1
Propachlor	ND		0.20	0.024	ug/L		02/03/12 07:57	02/06/12 00:08	1
Propazine	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:08	1
Pyrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Simazine	ND		0.49	0.034	ug/L		02/03/12 07:57	02/06/12 00:08	1
Terbacil	ND		0.49	0.048	ug/L		02/03/12 07:57	02/06/12 00:08	1
DCPA	ND		0.20	0.028	ug/L		02/03/12 07:57	02/06/12 00:08	1
Triadimefon	ND		0.98	0.16	ug/L		02/03/12 07:57	02/06/12 00:08	1
Tricyclazole	ND		1.5	0.046	ug/L		02/03/12 07:57	02/06/12 00:08	1
Trifluralin	ND		0.20	0.041	ug/L		02/03/12 07:57	02/06/12 00:08	1
Vernolate	ND		0.20	0.023	ug/L		02/03/12 07:57	02/06/12 00:08	1
Tetrachlorvinphos (Stirophos)	ND		2.0	0.23	ug/L		02/03/12 07:57	02/06/12 00:08	1
2-Methylnaphthalene	1.7		0.20	0.20	ug/L		02/03/12 07:57	02/06/12 00:08	1
Acenaphthene	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:08	1
Fluoranthene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Naphthalene	8.7		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	101		70 - 130				02/03/12 07:57	02/06/12 00:08	1
Perylene-d12	89		70 - 130				02/03/12 07:57	02/06/12 00:08	1
Triphenylphosphate	96		70 - 130				02/03/12 07:57	02/06/12 00:08	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.40	ug/L		02/03/12 13:43	02/07/12 09:12	1
Silver	ND		1.0	0.10	ug/L		02/03/12 13:43	02/06/12 16:47	1
Aluminum	6.8	J	10	4.6	ug/L		02/03/12 13:43	02/06/12 16:47	1
Arsenic	15		1.0	0.37	ug/L		02/03/12 13:43	02/06/12 16:47	1
Barium	82		2.0	0.14	ug/L		02/03/12 13:43	02/06/12 16:47	1
Beryllium	ND		0.40	0.15	ug/L		02/03/12 13:43	02/06/12 16:47	1
Cadmium	0.48		0.10	0.043	ug/L		02/03/12 13:43	02/07/12 09:12	1
Calcium	110000		1300	400	ug/L		02/03/12 13:43	02/07/12 09:44	5
Chromium	ND		2.0	1.0	ug/L		02/03/12 13:43	02/06/12 16:47	1
Copper	2.8		1.0	0.50	ug/L		02/03/12 13:43	02/06/12 16:47	1
Cobalt	0.65		0.40	0.12	ug/L		02/03/12 13:43	02/06/12 16:47	1
Lead	0.52	J	0.60	0.060	ug/L		02/03/12 13:43	02/06/12 16:47	1
Selenium	ND		2.0	0.58	ug/L		02/03/12 13:43	02/06/12 16:47	1
Iron	2800		50	20	ug/L		02/03/12 13:43	02/06/12 16:47	1
Thallium	ND		0.20	0.10	ug/L		02/03/12 13:43	02/06/12 16:47	1
Potassium	4600		100	31	ug/L		02/03/12 13:43	02/06/12 16:47	1
Magnesium	48000		50	18	ug/L		02/03/12 13:43	02/06/12 16:47	1
Manganese	18		2.5	1.2	ug/L		02/03/12 13:43	02/06/12 16:47	1
Sodium	67000	B	50	23	ug/L		02/03/12 13:43	02/06/12 16:47	1
Nickel	3.8		1.0	0.40	ug/L		02/03/12 13:43	02/06/12 16:47	1
Vanadium	ND		1.0	0.30	ug/L		02/03/12 13:43	02/06/12 16:47	1
Zinc	52		20	2.8	ug/L		02/03/12 13:43	02/06/12 16:47	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		02/08/12 12:37	02/09/12 10:27	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW02-013012

Lab Sample ID: 680-76487-3

Date Collected: 01/30/12 11:35

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			02/08/12 19:36	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			02/08/12 19:36	1
Chlorobenzene	ND		0.50	0.27	ug/L			02/08/12 19:36	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			02/08/12 19:36	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			02/08/12 19:36	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			02/08/12 19:36	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			02/08/12 19:36	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			02/08/12 19:36	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			02/08/12 19:36	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			02/08/12 19:36	1
Ethylbenzene	ND		0.50	0.12	ug/L			02/08/12 19:36	1
Methylene Chloride	ND		0.50	0.36	ug/L			02/08/12 19:36	1
Styrene	ND		0.50	0.28	ug/L			02/08/12 19:36	1
Tetrachloroethene	ND		0.50	0.30	ug/L			02/08/12 19:36	1
Toluene	ND		0.50	0.23	ug/L			02/08/12 19:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			02/08/12 19:36	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/08/12 19:36	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			02/08/12 19:36	1
Vinyl chloride	ND		0.50	0.33	ug/L			02/08/12 19:36	1
Chloroform	ND		0.50	0.29	ug/L			02/08/12 19:36	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			02/08/12 19:36	1
Bromoform	ND		0.50	0.39	ug/L			02/08/12 19:36	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			02/08/12 19:36	1
Bromobenzene	ND		0.50	0.42	ug/L			02/08/12 19:36	1
Chlorobromomethane	ND		0.50	0.30	ug/L			02/08/12 19:36	1
Bromomethane	ND		1.0	0.45	ug/L			02/08/12 19:36	1
n-Butylbenzene	ND		0.50	0.17	ug/L			02/08/12 19:36	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			02/08/12 19:36	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			02/08/12 19:36	1
Chloroethane	ND		1.0	0.33	ug/L			02/08/12 19:36	1
Chloromethane	ND		0.50	0.32	ug/L			02/08/12 19:36	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			02/08/12 19:36	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			02/08/12 19:36	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			02/08/12 19:36	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			02/08/12 19:36	1
Dibromomethane	ND		0.50	0.38	ug/L			02/08/12 19:36	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			02/08/12 19:36	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			02/08/12 19:36	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			02/08/12 19:36	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			02/08/12 19:36	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			02/08/12 19:36	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			02/08/12 19:36	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			02/08/12 19:36	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			02/08/12 19:36	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			02/08/12 19:36	1
Isopropylbenzene	ND		0.50	0.15	ug/L			02/08/12 19:36	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			02/08/12 19:36	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			02/08/12 19:36	1
Naphthalene	0.79	JB 1.0 U	1.0	0.43	ug/L			02/08/12 19:36	1
N-Propylbenzene	ND		0.50	0.17	ug/L			02/08/12 19:36	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			02/08/12 19:36	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW02-013012

Lab Sample ID: 680-76487-3

Date Collected: 01/30/12 11:35

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			02/08/12 19:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			02/08/12 19:36	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			02/08/12 19:36	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			02/08/12 19:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			02/08/12 19:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			02/08/12 19:36	1
o-Xylene	ND		0.50	0.27	ug/L			02/08/12 19:36	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			02/08/12 19:36	1
Acetone	ND		10	5.0	ug/L			02/08/12 19:36	1
2-Butanone (MEK)	ND		10	5.0	ug/L			02/08/12 19:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			02/08/12 19:36	1
2-Hexanone	ND		10	5.0	ug/L			02/08/12 19:36	1
Trichloroethene	ND		0.50	0.37	ug/L			02/08/12 19:36	1
Xylenes, Total	ND		0.50	0.27	ug/L			02/08/12 19:36	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			02/08/12 19:36	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			02/08/12 19:36	1
Diisopropyl ether	ND		0.50	0.28	ug/L			02/08/12 19:36	1
Freon 113	ND *		0.50	0.15	ug/L			02/08/12 19:36	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			02/08/12 19:36	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			02/08/12 19:36	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			02/08/12 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130		02/08/12 19:36	1
1,2-Dichlorobenzene-d4	102		70 - 130		02/08/12 19:36	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorothalonil	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,2',3',4,6-Pentachlorobiphenyl	ND		0.20	0.050	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,2',4,4'-Tetrachlorobiphenyl	ND		0.49	0.028	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,3-Dichlorobiphenyl	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,4,5-Trichlorobiphenyl	ND		0.20	0.033	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,4-Dinitrotoluene	ND		0.74	0.053	ug/L		02/03/12 07:57	02/06/12 00:35	1
2,6-Dinitrotoluene	ND		0.74	0.041	ug/L		02/03/12 07:57	02/06/12 00:35	1
2-Chlorobiphenyl	ND		0.49	0.039	ug/L		02/03/12 07:57	02/06/12 00:35	1
4,4'-DDD	ND		0.49	0.030	ug/L		02/03/12 07:57	02/06/12 00:35	1
4,4'-DDE	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
4,4'-DDT	ND		0.49	0.025	ug/L		02/03/12 07:57	02/06/12 00:35	1
Acenaphthylene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Acetochlor	ND		0.49	0.041	ug/L		02/03/12 07:57	02/06/12 00:35	1
Alachlor	ND		0.20	0.032	ug/L		02/03/12 07:57	02/06/12 00:35	1
Aldrin	ND		0.20	0.037	ug/L		02/03/12 07:57	02/06/12 00:35	1
alpha-BHC	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:35	1
alpha-Chlordane	ND		0.49	0.040	ug/L		02/03/12 07:57	02/06/12 00:35	1
Anthracene	ND		0.20	0.023	ug/L		02/03/12 07:57	02/06/12 00:35	1
Atrazine	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:35	1
Benzo[a]anthracene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Benzo[a]pyrene	ND		0.20	0.028	ug/L		02/03/12 07:57	02/06/12 00:35	1
Benzo[b]fluoranthene	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:35	1
Benzo[g,h,i]perylene	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:35	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW02-013012

Lab Sample ID: 680-76487-3

Date Collected: 01/30/12 11:35

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.20	0.034	ug/L		02/03/12 07:57	02/06/12 00:35	1
beta-BHC	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:35	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.59	ug/L		02/03/12 07:57	02/06/12 00:35	1
Bromacil	ND		0.49	0.025	ug/L		02/03/12 07:57	02/06/12 00:35	1
Butachlor	ND		0.49	0.031	ug/L		02/03/12 07:57	02/06/12 00:35	1
Butyl benzyl phthalate	ND		0.74	0.043	ug/L		02/03/12 07:57	02/06/12 00:35	1
Butylate	ND		0.20	0.032	ug/L		02/03/12 07:57	02/06/12 00:35	1
Chloroneb	ND		0.49	0.029	ug/L		02/03/12 07:57	02/06/12 00:35	1
Chlorpropham	ND		0.20	0.036	ug/L		02/03/12 07:57	02/06/12 00:35	1
Chlorpyrifos	ND		0.49	0.044	ug/L		02/03/12 07:57	02/06/12 00:35	1
Chrysene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
cis-Permethrin	ND		0.49	0.025	ug/L		02/03/12 07:57	02/06/12 00:35	1
Cycloate	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:35	1
delta-BHC	ND		0.20	0.035	ug/L		02/03/12 07:57	02/06/12 00:35	1
Di(2-ethylhexyl)adipate	ND		1.5	0.59	ug/L		02/03/12 07:57	02/06/12 00:35	1
Di-n-butyl phthalate	0.002 JB	1.5U	1.5	0.039	ug/L		02/03/12 07:57	02/06/12 00:35	1
Dibenz(a,h)anthracene	ND	*	0.20	0.061	ug/L		02/03/12 07:57	02/06/12 00:35	1
Dichlorvos	ND		0.20	0.058	ug/L		02/03/12 07:57	02/06/12 00:35	1
Dieldrin	ND		0.49	0.044	ug/L		02/03/12 07:57	02/06/12 00:35	1
Diethyl phthalate	ND		1.5	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Dimethyl phthalate	ND		1.5	0.022	ug/L		02/03/12 07:57	02/06/12 00:35	1
Diphenamid	ND		0.20	0.024	ug/L		02/03/12 07:57	02/06/12 00:35	1
Endosulfan I	ND		0.49	0.085	ug/L		02/03/12 07:57	02/06/12 00:35	1
Endosulfan II	ND		0.49	0.084	ug/L		02/03/12 07:57	02/06/12 00:35	1
Endosulfan sulfate	ND		0.49	0.049	ug/L		02/03/12 07:57	02/06/12 00:35	1
Endrin	ND		0.49	0.071	ug/L		02/03/12 07:57	02/06/12 00:35	1
Endrin aldehyde	ND		0.98	0.14	ug/L		02/03/12 07:57	02/06/12 00:35	1
EPTC	ND		0.20	0.025	ug/L		02/03/12 07:57	02/06/12 00:35	1
Chlorobenzilate	ND	*	6.6	2.8	ug/L		02/03/12 07:57	02/06/12 00:35	1
Etridiazole	ND	*	0.20	0.054	ug/L		02/03/12 07:57	02/06/12 00:35	1
Fenarimol	ND	*	4.9	1.9	ug/L		02/03/12 07:57	02/06/12 00:35	1
Fluorene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Fluridone	ND		0.74	0.061	ug/L		02/03/12 07:57	02/06/12 00:35	1
gamma-BHC (Lindane)	ND		0.20	0.080	ug/L		02/03/12 07:57	02/06/12 00:35	1
gamma-Chlordane	ND		0.20	0.044	ug/L		02/03/12 07:57	02/06/12 00:35	1
Heptachlor	ND		0.20	0.053	ug/L		02/03/12 07:57	02/06/12 00:35	1
Heptachlor epoxide	ND		0.39	0.18	ug/L		02/03/12 07:57	02/06/12 00:35	1
Hexachlorobenzene	ND		0.20	0.040	ug/L		02/03/12 07:57	02/06/12 00:35	1
Hexachlorocyclopentadiene	ND		2.0	0.041	ug/L		02/03/12 07:57	02/06/12 00:35	1
Hexazinone	ND		0.49	0.023	ug/L		02/03/12 07:57	02/06/12 00:35	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.034	ug/L		02/03/12 07:57	02/06/12 00:35	1
Isophorone	ND		0.20	0.062	ug/L		02/03/12 07:57	02/06/12 00:35	1
Methoxychlor	ND		0.49	0.042	ug/L		02/03/12 07:57	02/06/12 00:35	1
Methyl paraoxon	ND		0.49	0.038	ug/L		02/03/12 07:57	02/06/12 00:35	1
Metolachlor	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Metribuzin	ND		0.20	0.022	ug/L		02/03/12 07:57	02/06/12 00:35	1
Mevinphos	ND		0.49	0.027	ug/L		02/03/12 07:57	02/06/12 00:35	1
Ethoprop	ND		0.49	0.030	ug/L		02/03/12 07:57	02/06/12 00:35	1
Molinate	ND		0.20	0.037	ug/L		02/03/12 07:57	02/06/12 00:35	1
Napropamide	ND		0.49	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Norflurazon	ND		0.49	0.029	ug/L		02/03/12 07:57	02/06/12 00:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: WGC-RW02-013012

Lab Sample ID: 680-76487-3

Date Collected: 01/30/12 11:35

Matrix: Water

Date Received: 01/31/12 09:42

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pebulate	ND		0.20	0.043	ug/L		02/03/12 07:57	02/06/12 00:35	1
Phenanthrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Pronamide	ND		0.20	0.026	ug/L		02/03/12 07:57	02/06/12 00:35	1
Propachlor	ND		0.20	0.025	ug/L		02/03/12 07:57	02/06/12 00:35	1
Propazine	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:35	1
Pyrene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Simazine	ND		0.49	0.034	ug/L		02/03/12 07:57	02/06/12 00:35	1
Terbacil	ND		0.49	0.048	ug/L		02/03/12 07:57	02/06/12 00:35	1
DCCA	ND		0.20	0.028	ug/L		02/03/12 07:57	02/06/12 00:35	1
Triadimefon	ND		0.98	0.16	ug/L		02/03/12 07:57	02/06/12 00:35	1
Tricyclazole	ND		1.5	0.046	ug/L		02/03/12 07:57	02/06/12 00:35	1
Trifluralin	ND		0.20	0.041	ug/L		02/03/12 07:57	02/06/12 00:35	1
Vernolate	ND		0.20	0.023	ug/L		02/03/12 07:57	02/06/12 00:35	1
Tetrachlorvinphos (Stirophos)	ND		2.0	0.23	ug/L		02/03/12 07:57	02/06/12 00:35	1
2-Methylnaphthalene	ND		0.20	0.20	ug/L		02/03/12 07:57	02/06/12 00:35	1
Acenaphthene	ND		0.20	0.039	ug/L		02/03/12 07:57	02/06/12 00:35	1
Fluoranthene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1
Naphthalene	ND		0.20	0.020	ug/L		02/03/12 07:57	02/06/12 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	100		70 - 130	02/03/12 07:57	02/06/12 00:35	1
Perylene-d12	91		70 - 130	02/03/12 07:57	02/06/12 00:35	1
Triphenylphosphate	95		70 - 130	02/03/12 07:57	02/06/12 00:35	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.40	ug/L		02/03/12 13:43	02/07/12 09:20	1
Silver	ND		1.0	0.10	ug/L		02/03/12 13:43	02/06/12 16:52	1
Aluminum	ND		10	4.6	ug/L		02/03/12 13:43	02/06/12 16:52	1
Arsenic	14		1.0	0.37	ug/L		02/03/12 13:43	02/06/12 16:52	1
Barium	41		2.0	0.14	ug/L		02/03/12 13:43	02/06/12 16:52	1
Beryllium	ND		0.40	0.15	ug/L		02/03/12 13:43	02/06/12 16:52	1
Cadmium	0.40		0.10	0.043	ug/L		02/03/12 13:43	02/07/12 09:20	1
Calcium	100000		1300	400	ug/L		02/03/12 13:43	02/07/12 09:49	5
Chromium	ND		2.0	1.0	ug/L		02/03/12 13:43	02/06/12 16:52	1
Copper	3.4		1.0	0.50	ug/L		02/03/12 13:43	02/06/12 16:52	1
Cobalt	0.16	J	0.40	0.12	ug/L		02/03/12 13:43	02/06/12 16:52	1
Lead	0.071	J	0.60	0.060	ug/L		02/03/12 13:43	02/06/12 16:52	1
Selenium	ND		2.0	0.58	ug/L		02/03/12 13:43	02/06/12 16:52	1
Iron	1200		50	20	ug/L		02/03/12 13:43	02/06/12 16:52	1
Thallium	ND		0.20	0.10	ug/L		02/03/12 13:43	02/06/12 16:52	1
Potassium	1000		100	31	ug/L		02/03/12 13:43	02/06/12 16:52	1
Magnesium	45000		50	18	ug/L		02/03/12 13:43	02/06/12 16:52	1
Manganese	4.1		2.5	1.2	ug/L		02/03/12 13:43	02/06/12 16:52	1
Sodium	15000	B	50	23	ug/L		02/03/12 13:43	02/06/12 16:52	1
Nickel	2.2		1.0	0.40	ug/L		02/03/12 13:43	02/06/12 16:52	1
Vanadium	ND		1.0	0.30	ug/L		02/03/12 13:43	02/06/12 16:52	1
Zinc	40		20	2.8	ug/L		02/03/12 13:43	02/06/12 16:52	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		02/08/12 12:38	02/09/12 10:30	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-76487-4

Date Collected: 01/30/12 00:00

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			02/06/12 11:06	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			02/06/12 11:06	1
Chlorobenzene	ND		0.50	0.27	ug/L			02/06/12 11:06	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			02/06/12 11:06	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 11:06	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			02/06/12 11:06	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			02/06/12 11:06	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			02/06/12 11:06	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			02/06/12 11:06	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			02/06/12 11:06	1
Ethylbenzene	ND		0.50	0.12	ug/L			02/06/12 11:06	1
Methylene Chloride	ND		0.50	0.36	ug/L			02/06/12 11:06	1
Styrene	ND		0.50	0.28	ug/L			02/06/12 11:06	1
Tetrachloroethene	ND		0.50	0.30	ug/L			02/06/12 11:06	1
Toluene	ND		0.50	0.23	ug/L			02/06/12 11:06	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			02/06/12 11:06	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/06/12 11:06	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			02/06/12 11:06	1
Vinyl chloride	ND		0.50	0.33	ug/L			02/06/12 11:06	1
Chloroform	ND		0.50	0.29	ug/L			02/06/12 11:06	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			02/06/12 11:06	1
Bromoform	ND		0.50	0.39	ug/L			02/06/12 11:06	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			02/06/12 11:06	1
Bromobenzene	ND		0.50	0.42	ug/L			02/06/12 11:06	1
Chlorobromomethane	ND		0.50	0.30	ug/L			02/06/12 11:06	1
Bromomethane	ND		1.0	0.45	ug/L			02/06/12 11:06	1
n-Butylbenzene	ND		0.50	0.17	ug/L			02/06/12 11:06	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 11:06	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			02/06/12 11:06	1
Chloroethane	ND		1.0	0.33	ug/L			02/06/12 11:06	1
Chloromethane	ND	*	0.50	0.32	ug/L			02/06/12 11:06	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			02/06/12 11:06	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			02/06/12 11:06	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			02/06/12 11:06	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			02/06/12 11:06	1
Dibromomethane	ND		0.50	0.38	ug/L			02/06/12 11:06	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 11:06	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			02/06/12 11:06	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			02/06/12 11:06	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			02/06/12 11:06	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			02/06/12 11:06	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			02/06/12 11:06	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			02/06/12 11:06	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			02/06/12 11:06	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			02/06/12 11:06	1
Isopropylbenzene	ND		0.50	0.15	ug/L			02/06/12 11:06	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			02/06/12 11:06	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			02/06/12 11:06	1
Naphthalene	ND		1.0	0.43	ug/L			02/06/12 11:06	1
N-Propylbenzene	ND		0.50	0.17	ug/L			02/06/12 11:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			02/06/12 11:06	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-76487-4

Date Collected: 01/30/12 00:00

Matrix: Water

Date Received: 01/31/12 09:42

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			02/06/12 11:06	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			02/06/12 11:06	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			02/06/12 11:06	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			02/06/12 11:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			02/06/12 11:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			02/06/12 11:06	1
o-Xylene	ND		0.50	0.27	ug/L			02/06/12 11:06	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			02/06/12 11:06	1
Acetone	ND		10	5.0	ug/L			02/06/12 11:06	1
2-Butanone (MEK)	ND		10	5.0	ug/L			02/06/12 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			02/06/12 11:06	1
2-Hexanone	ND		10	5.0	ug/L			02/06/12 11:06	1
Trichloroethene	ND		0.50	0.37	ug/L			02/06/12 11:06	1
Xylenes, Total	ND		0.50	0.27	ug/L			02/06/12 11:06	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			02/06/12 11:06	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			02/06/12 11:06	1
Diisopropyl ether	ND		0.50	0.28	ug/L			02/06/12 11:06	1
Freon 113	ND		0.50	0.15	ug/L			02/06/12 11:06	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			02/06/12 11:06	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			02/06/12 11:06	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			02/06/12 11:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		70 - 130		02/06/12 11:06	1
1,2-Dichlorobenzene-d4	82		70 - 130		02/06/12 11:06	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron GW SA

TestAmerica Job ID: 680-76487-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: April 4, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-77997-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for seven water samples and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA “Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review” dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WG-RW01-032312	680-77997-1	Water	3/23/2012	3/30/2012
WG-RW02-032312	680-77997-2	Water	3/23/2012	3/30/2012
WG-RW03-032312	680-77997-3	Water	3/23/2012	3/30/2012
WG-RW03-032312D	680-77997-4	Water	3/23/2012	3/30/2012
WG-RW04-032312	680-77997-5	Water	3/23/2012	3/30/2012
WG-RW05-032312	680-77997-6	Water	3/23/2012	3/30/2012
WG-RW06-032312	680-77997-7	Water	3/23/2012	3/30/2012
Trip Blank	680-77997-8	Water	3/23/2012	3/30/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit.

The trip blank contained no target compounds above the reporting limits.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD).

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were not analyzed with the VOC analyses. No qualifications are warranted for this omission.

7. Field Duplicate Results

Sample WG-RW03-032312D is a field duplicate of sample WG-RW03-032312. Both samples contained no detections of VOCs indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-77997-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRochelle Avenue

Savannah, GA 31404

Tel (912) 354-7858

TestAmerica Job ID: 680-77997-1

Client Project/Site: Wedron Groundwater

For:

Weston Solutions, Inc.

20 N Wacker Dr

Suite 1210

Chicago, Illinois 60606

Attn: Lisa Graczyk

Linda A. Wolfe

Authorized for release by:

4/2/2012 3:48:12 PM

Linda Wolfe

Project Manager I

linda.wolfe@testamericainc.com

Designer for

Abbie Yant

Project Manager I

abbie.yant@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Job ID: 680-77997-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wedron Groundwater

Report Number: 680-77997-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/24/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-RW01-032312 (680-77997-1), WG-RW02-032312 (680-77997-2), WG-RW03-032312 (680-77997-3), WG-RW03-032312D (680-77997-4), WG-RW04-032312 (680-77997-5), WG-RW05-032312 (680-77997-6), WG-RW06-032312 (680-77997-7) and Trip Blank (680-77997-8) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 03/30/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.



Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-77997-1	WG-RW01-032312	Water	03/23/12 12:10	03/24/12 10:11
680-77997-2	WG-RW02-032312	Water	03/23/12 12:35	03/24/12 10:11
680-77997-3	WG-RW03-032312	Water	03/23/12 13:05	03/24/12 10:11
680-77997-4	WG-RW03-032312D	Water	03/23/12 13:10	03/24/12 10:11
680-77997-5	WG-RW04-032312	Water	03/23/12 13:35	03/24/12 10:11
680-77997-6	WG-RW05-032312	Water	03/23/12 14:05	03/24/12 10:11
680-77997-7	WG-RW06-032312	Water	03/23/12 14:25	03/24/12 10:11
680-77997-8	Trip Blank	Water	03/23/12 00:00	03/24/12 10:11



Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These are the only used abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW01-032312

Lab Sample ID: 680-77997-1

No Detections

Client Sample ID: WG-RW02-032312

Lab Sample ID: 680-77997-2

No Detections

Client Sample ID: WG-RW03-032312

Lab Sample ID: 680-77997-3

No Detections

Client Sample ID: WG-RW03-032312D

Lab Sample ID: 680-77997-4

No Detections

Client Sample ID: WG-RW04-032312

Lab Sample ID: 680-77997-5

No Detections

Client Sample ID: WG-RW05-032312

Lab Sample ID: 680-77997-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.32	J	0.50	0.32	ug/L	1		524.2	Total/NA

Client Sample ID: WG-RW06-032312

Lab Sample ID: 680-77997-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.33	J	0.50	0.32	ug/L	1		524.2	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 680-77997-8

No Detections

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW01-032312

Lab Sample ID: 680-77997-1

Date Collected: 03/23/12 12:10

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 18:59	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 18:59	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 18:59	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 18:59	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 18:59	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 18:59	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 18:59	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 18:59	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 18:59	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 18:59	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 18:59	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 18:59	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 18:59	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 18:59	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 18:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 18:59	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 18:59	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 18:59	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 18:59	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 18:59	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 18:59	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 18:59	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 18:59	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 18:59	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 18:59	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 18:59	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 18:59	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 18:59	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 18:59	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 18:59	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 18:59	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 18:59	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 18:59	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 18:59	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 18:59	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 18:59	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 18:59	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 18:59	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 18:59	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 18:59	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 18:59	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 18:59	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 18:59	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 18:59	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 18:59	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 18:59	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 18:59	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 18:59	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 18:59	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 18:59	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 18:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW01-032312

Lab Sample ID: 680-77997-1

Date Collected: 03/23/12 12:10

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 18:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 18:59	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 18:59	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 18:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 18:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 18:59	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 18:59	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 18:59	1
Acetone	ND		10	5.0	ug/L			03/30/12 18:59	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 18:59	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 18:59	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 18:59	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 18:59	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 18:59	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 18:59	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 18:59	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 18:59	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 18:59	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 18:59	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					03/30/12 18:59	1
1,2-Dichlorobenzene-d4	94		70 - 130					03/30/12 18:59	1

Client Sample ID: WG-RW02-032312

Lab Sample ID: 680-77997-2

Date Collected: 03/23/12 12:35

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 19:21	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 19:21	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 19:21	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 19:21	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 19:21	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 19:21	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 19:21	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 19:21	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 19:21	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 19:21	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 19:21	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 19:21	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 19:21	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 19:21	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 19:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 19:21	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 19:21	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 19:21	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 19:21	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW02-032312

Lab Sample ID: 680-77997-2

Date Collected: 03/23/12 12:35

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			03/30/12 19:21	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 19:21	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 19:21	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 19:21	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 19:21	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 19:21	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 19:21	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:21	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 19:21	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 19:21	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 19:21	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 19:21	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 19:21	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 19:21	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 19:21	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 19:21	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 19:21	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 19:21	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 19:21	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 19:21	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 19:21	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 19:21	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 19:21	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 19:21	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 19:21	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 19:21	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 19:21	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 19:21	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 19:21	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 19:21	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:21	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 19:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 19:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 19:21	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 19:21	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 19:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 19:21	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 19:21	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 19:21	1
Acetone	ND		10	5.0	ug/L			03/30/12 19:21	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 19:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 19:21	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 19:21	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 19:21	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 19:21	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 19:21	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 19:21	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 19:21	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 19:21	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 19:21	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW02-032312

Lab Sample ID: 680-77997-2

Date Collected: 03/23/12 12:35

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 19:21	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					03/30/12 19:21	1
1,2-Dichlorobenzene-d4	95		70 - 130					03/30/12 19:21	1

Client Sample ID: WG-RW03-032312

Lab Sample ID: 680-77997-3

Date Collected: 03/23/12 13:05

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 19:43	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 19:43	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 19:43	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 19:43	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 19:43	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 19:43	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 19:43	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 19:43	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 19:43	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 19:43	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 19:43	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 19:43	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 19:43	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 19:43	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 19:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 19:43	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 19:43	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 19:43	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 19:43	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 19:43	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 19:43	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 19:43	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 19:43	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 19:43	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 19:43	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 19:43	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:43	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 19:43	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 19:43	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 19:43	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 19:43	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 19:43	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 19:43	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 19:43	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 19:43	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 19:43	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 19:43	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 19:43	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW03-032312

Lab Sample ID: 680-77997-3

Date Collected: 03/23/12 13:05

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 19:43	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 19:43	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 19:43	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 19:43	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 19:43	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 19:43	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 19:43	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 19:43	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 19:43	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 19:43	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 19:43	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:43	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 19:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 19:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 19:43	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 19:43	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 19:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 19:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 19:43	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 19:43	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 19:43	1
Acetone	ND		10	5.0	ug/L			03/30/12 19:43	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 19:43	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 19:43	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 19:43	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 19:43	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 19:43	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 19:43	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 19:43	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 19:43	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 19:43	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 19:43	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		03/30/12 19:43	1
1,2-Dichlorobenzene-d4	97		70 - 130		03/30/12 19:43	1

Client Sample ID: WG-RW03-032312D

Lab Sample ID: 680-77997-4

Date Collected: 03/23/12 13:10

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 20:06	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 20:06	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 20:06	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 20:06	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:06	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 20:06	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW03-032312D

Lab Sample ID: 680-77997-4

Date Collected: 03/23/12 13:10

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 20:06	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 20:06	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 20:06	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 20:06	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 20:06	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 20:06	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 20:06	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 20:06	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 20:06	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:06	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 20:06	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 20:06	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 20:06	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 20:06	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 20:06	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 20:06	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 20:06	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 20:06	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 20:06	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 20:06	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:06	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:06	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:06	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 20:06	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 20:06	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 20:06	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 20:06	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 20:06	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 20:06	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 20:06	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:06	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 20:06	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 20:06	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 20:06	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 20:06	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 20:06	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 20:06	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 20:06	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 20:06	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 20:06	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 20:06	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 20:06	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 20:06	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 20:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 20:06	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:06	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 20:06	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 20:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 20:06	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW03-032312D

Lab Sample ID: 680-77997-4

Date Collected: 03/23/12 13:10

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 20:06	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 20:06	1
Acetone	ND		10	5.0	ug/L			03/30/12 20:06	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 20:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 20:06	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 20:06	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 20:06	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 20:06	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 20:06	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 20:06	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 20:06	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 20:06	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 20:06	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 20:06	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130					03/30/12 20:06	1
1,2-Dichlorobenzene-d4	95		70 - 130					03/30/12 20:06	1

Client Sample ID: WG-RW04-032312

Lab Sample ID: 680-77997-5

Date Collected: 03/23/12 13:35

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 20:28	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 20:28	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 20:28	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 20:28	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:28	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 20:28	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 20:28	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 20:28	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 20:28	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 20:28	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 20:28	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 20:28	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 20:28	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 20:28	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 20:28	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:28	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 20:28	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 20:28	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 20:28	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 20:28	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 20:28	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 20:28	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 20:28	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 20:28	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 20:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW04-032312

Lab Sample ID: 680-77997-5

Date Collected: 03/23/12 13:35

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 20:28	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:28	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:28	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:28	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 20:28	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 20:28	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 20:28	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 20:28	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 20:28	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 20:28	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 20:28	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:28	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 20:28	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 20:28	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 20:28	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 20:28	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 20:28	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 20:28	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 20:28	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 20:28	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 20:28	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 20:28	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 20:28	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 20:28	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:28	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 20:28	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 20:28	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:28	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 20:28	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 20:28	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:28	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 20:28	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 20:28	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 20:28	1
Acetone	ND		10	5.0	ug/L			03/30/12 20:28	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 20:28	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 20:28	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 20:28	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 20:28	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 20:28	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 20:28	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 20:28	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 20:28	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 20:28	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 20:28	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		03/30/12 20:28	1
1,2-Dichlorobenzene-d4	96		70 - 130		03/30/12 20:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW05-032312

Lab Sample ID: 680-77997-6

Date Collected: 03/23/12 14:05

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 20:50	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 20:50	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 20:50	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 20:50	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:50	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 20:50	1
1,1-Dichloroethane	ND		0.50	0.32	ug/L			03/30/12 20:50	1
cis-1,2-Dichloroethane	ND		0.50	0.37	ug/L			03/30/12 20:50	1
trans-1,2-Dichloroethane	ND		0.50	0.24	ug/L			03/30/12 20:50	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 20:50	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 20:50	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 20:50	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 20:50	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 20:50	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 20:50	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 20:50	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 20:50	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 20:50	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 20:50	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 20:50	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 20:50	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 20:50	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 20:50	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 20:50	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 20:50	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 20:50	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:50	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:50	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 20:50	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 20:50	1
Chloromethane	0.32	J	0.50	0.32	ug/L			03/30/12 20:50	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 20:50	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 20:50	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 20:50	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 20:50	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:50	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 20:50	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 20:50	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 20:50	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 20:50	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 20:50	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 20:50	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 20:50	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 20:50	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 20:50	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 20:50	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 20:50	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 20:50	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:50	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 20:50	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW05-032312

Lab Sample ID: 680-77997-6

Date Collected: 03/23/12 14:05

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 20:50	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 20:50	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 20:50	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 20:50	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 20:50	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 20:50	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 20:50	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 20:50	1
Acetone	ND		10	5.0	ug/L			03/30/12 20:50	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 20:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 20:50	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 20:50	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 20:50	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 20:50	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 20:50	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 20:50	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 20:50	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 20:50	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 20:50	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 20:50	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					03/30/12 20:50	1
1,2-Dichlorobenzene-d4	96		70 - 130					03/30/12 20:50	1

Client Sample ID: WG-RW06-032312

Lab Sample ID: 680-77997-7

Date Collected: 03/23/12 14:25

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 21:12	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 21:12	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 21:12	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 21:12	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 21:12	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 21:12	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 21:12	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 21:12	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 21:12	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 21:12	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 21:12	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 21:12	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 21:12	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 21:12	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 21:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 21:12	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 21:12	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 21:12	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 21:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW06-032312

Lab Sample ID: 680-77997-7

Date Collected: 03/23/12 14:25

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			03/30/12 21:12	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 21:12	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 21:12	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 21:12	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 21:12	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 21:12	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 21:12	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:12	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 21:12	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 21:12	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 21:12	1
Chloromethane	0.33	J	0.50	0.32	ug/L			03/30/12 21:12	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 21:12	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 21:12	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 21:12	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 21:12	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 21:12	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 21:12	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 21:12	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 21:12	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 21:12	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 21:12	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 21:12	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 21:12	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 21:12	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 21:12	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 21:12	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 21:12	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 21:12	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 21:12	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:12	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 21:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 21:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 21:12	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 21:12	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 21:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 21:12	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 21:12	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 21:12	1
Acetone	ND		10	5.0	ug/L			03/30/12 21:12	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 21:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 21:12	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 21:12	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 21:12	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 21:12	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 21:12	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 21:12	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 21:12	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 21:12	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 21:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: WG-RW06-032312

Lab Sample ID: 680-77997-7

Date Collected: 03/23/12 14:25

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 21:12	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130					03/30/12 21:12	1
1,2-Dichlorobenzene-d4	94		70 - 130					03/30/12 21:12	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-77997-8

Date Collected: 03/23/12 00:00

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			03/30/12 21:34	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			03/30/12 21:34	1
Chlorobenzene	ND		0.50	0.27	ug/L			03/30/12 21:34	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			03/30/12 21:34	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 21:34	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			03/30/12 21:34	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			03/30/12 21:34	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			03/30/12 21:34	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			03/30/12 21:34	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			03/30/12 21:34	1
Ethylbenzene	ND		0.50	0.12	ug/L			03/30/12 21:34	1
Methylene Chloride	ND		0.50	0.36	ug/L			03/30/12 21:34	1
Styrene	ND		0.50	0.28	ug/L			03/30/12 21:34	1
Tetrachloroethene	ND		0.50	0.30	ug/L			03/30/12 21:34	1
Toluene	ND		0.50	0.23	ug/L			03/30/12 21:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			03/30/12 21:34	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/12 21:34	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			03/30/12 21:34	1
Vinyl chloride	ND		0.50	0.33	ug/L			03/30/12 21:34	1
Chloroform	ND		0.50	0.29	ug/L			03/30/12 21:34	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			03/30/12 21:34	1
Bromoform	ND		0.50	0.39	ug/L			03/30/12 21:34	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			03/30/12 21:34	1
Bromobenzene	ND		0.50	0.42	ug/L			03/30/12 21:34	1
Chlorobromomethane	ND		0.50	0.30	ug/L			03/30/12 21:34	1
Bromomethane	ND		1.0	0.45	ug/L			03/30/12 21:34	1
n-Butylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:34	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 21:34	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			03/30/12 21:34	1
Chloroethane	ND		1.0	0.33	ug/L			03/30/12 21:34	1
Chloromethane	ND		0.50	0.32	ug/L			03/30/12 21:34	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			03/30/12 21:34	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			03/30/12 21:34	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			03/30/12 21:34	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			03/30/12 21:34	1
Dibromomethane	ND		0.50	0.38	ug/L			03/30/12 21:34	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 21:34	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			03/30/12 21:34	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater

TestAmerica Job ID: 680-77997-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-77997-8

Date Collected: 03/23/12 00:00

Matrix: Water

Date Received: 03/24/12 10:11

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			03/30/12 21:34	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			03/30/12 21:34	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			03/30/12 21:34	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			03/30/12 21:34	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			03/30/12 21:34	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			03/30/12 21:34	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			03/30/12 21:34	1
Isopropylbenzene	ND		0.50	0.15	ug/L			03/30/12 21:34	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			03/30/12 21:34	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			03/30/12 21:34	1
Naphthalene	ND		1.0	0.43	ug/L			03/30/12 21:34	1
N-Propylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			03/30/12 21:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			03/30/12 21:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			03/30/12 21:34	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			03/30/12 21:34	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			03/30/12 21:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			03/30/12 21:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			03/30/12 21:34	1
o-Xylene	ND		0.50	0.27	ug/L			03/30/12 21:34	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			03/30/12 21:34	1
Acetone	ND		10	5.0	ug/L			03/30/12 21:34	1
2-Butanone (MEK)	ND		10	5.0	ug/L			03/30/12 21:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			03/30/12 21:34	1
2-Hexanone	ND		10	5.0	ug/L			03/30/12 21:34	1
Trichloroethene	ND		0.50	0.37	ug/L			03/30/12 21:34	1
Xylenes, Total	ND		0.50	0.27	ug/L			03/30/12 21:34	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			03/30/12 21:34	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			03/30/12 21:34	1
Diisopropyl ether	ND		0.50	0.28	ug/L			03/30/12 21:34	1
Freon 113	ND		0.50	0.15	ug/L			03/30/12 21:34	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			03/30/12 21:34	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			03/30/12 21:34	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			03/30/12 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					03/30/12 21:34	1
1,2-Dichlorobenzene-d4	96		70 - 130					03/30/12 21:34	1

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: April 26, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-78589-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for four water samples and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WG-RW01-041212	680-78589-1	Water	4/12/2012	4/19/2012
WG-RW01-041212D	680-78589-2	Water	4/12/2012	4/19/2012
WG-RW02-041212	680-78589-3	Water	4/12/2012	4/19/2012
WG-RW03-041212	680-78589-4	Water	4/12/2012	4/19/2012
Trip Blank	680-78589-5	Water	4/12/2012	4/20/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit.

The trip blank contained no target compounds above the reporting limits.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD) except for as follows.

On analysis date 4/19/2012, Freon 113 was detected high outside QC limits. On analysis date 4/20/2012, chloroethane was detected high outside QC limits. Because these compounds were not detected in the associated samples, no qualifications are required.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were not analyzed with the VOC analyses. No qualifications are warranted for this omission.

7. Field Duplicate Results

Sample WG-RW01-041212D is a field duplicate of sample WG-RW01-041212. Both samples contained no detections of VOCs indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-78589-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These are the only used abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW01-041212

Lab Sample ID: 680-78589-1

No Detections

Client Sample ID: WG-RW01-041212D

Lab Sample ID: 680-78589-2

No Detections

Client Sample ID: WG-RW02-041212

Lab Sample ID: 680-78589-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90		0.50	0.29	ug/L	1		524.2	Total/NA
Trihalomethanes, Total	0.90		0.50	0.29	ug/L	1		524.2	Total/NA

Client Sample ID: WG-RW03-041212

Lab Sample ID: 680-78589-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.5		0.50	0.18	ug/L	1		524.2	Total/NA
Ethylbenzene	2.6		0.50	0.12	ug/L	1		524.2	Total/NA
Isopropylbenzene	0.22	J	0.50	0.15	ug/L	1		524.2	Total/NA
N-Propylbenzene	0.24	J	0.50	0.17	ug/L	1		524.2	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-78589-5

No Detections

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW01-041212

Lab Sample ID: 680-78589-1

Date Collected: 04/12/12 10:58

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			04/19/12 21:22	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			04/19/12 21:22	1
Chlorobenzene	ND		0.50	0.27	ug/L			04/19/12 21:22	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			04/19/12 21:22	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 21:22	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			04/19/12 21:22	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			04/19/12 21:22	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			04/19/12 21:22	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			04/19/12 21:22	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			04/19/12 21:22	1
Ethylbenzene	ND		0.50	0.12	ug/L			04/19/12 21:22	1
Methylene Chloride	ND		0.50	0.36	ug/L			04/19/12 21:22	1
Styrene	ND		0.50	0.28	ug/L			04/19/12 21:22	1
Tetrachloroethene	ND		0.50	0.30	ug/L			04/19/12 21:22	1
Toluene	ND		0.50	0.23	ug/L			04/19/12 21:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 21:22	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			04/19/12 21:22	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			04/19/12 21:22	1
Vinyl chloride	ND		0.50	0.33	ug/L			04/19/12 21:22	1
Chloroform	ND		0.50	0.29	ug/L			04/19/12 21:22	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			04/19/12 21:22	1
Bromoform	ND		0.50	0.39	ug/L			04/19/12 21:22	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			04/19/12 21:22	1
Bromobenzene	ND		0.50	0.42	ug/L			04/19/12 21:22	1
Chlorobromomethane	ND		0.50	0.30	ug/L			04/19/12 21:22	1
Bromomethane	ND		1.0	0.45	ug/L			04/19/12 21:22	1
n-Butylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:22	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 21:22	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 21:22	1
Chloroethane	ND		1.0	0.33	ug/L			04/19/12 21:22	1
Chloromethane	ND		0.50	0.32	ug/L			04/19/12 21:22	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			04/19/12 21:22	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			04/19/12 21:22	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			04/19/12 21:22	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			04/19/12 21:22	1
Dibromomethane	ND		0.50	0.38	ug/L			04/19/12 21:22	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 21:22	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			04/19/12 21:22	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			04/19/12 21:22	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			04/19/12 21:22	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			04/19/12 21:22	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			04/19/12 21:22	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			04/19/12 21:22	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			04/19/12 21:22	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			04/19/12 21:22	1
Isopropylbenzene	ND		0.50	0.15	ug/L			04/19/12 21:22	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			04/19/12 21:22	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			04/19/12 21:22	1
Naphthalene	ND		1.0	0.43	ug/L			04/19/12 21:22	1
N-Propylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:22	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			04/19/12 21:22	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW01-041212

Lab Sample ID: 680-78589-1

Date Collected: 04/12/12 10:58

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			04/19/12 21:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 21:22	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			04/19/12 21:22	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			04/19/12 21:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			04/19/12 21:22	1
o-Xylene	ND		0.50	0.27	ug/L			04/19/12 21:22	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			04/19/12 21:22	1
Acetone	ND		10	5.0	ug/L			04/19/12 21:22	1
2-Butanone (MEK)	ND		10	5.0	ug/L			04/19/12 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			04/19/12 21:22	1
2-Hexanone	ND		10	5.0	ug/L			04/19/12 21:22	1
Trichloroethene	ND		0.50	0.37	ug/L			04/19/12 21:22	1
Xylenes, Total	ND		0.50	0.27	ug/L			04/19/12 21:22	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			04/19/12 21:22	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			04/19/12 21:22	1
Diisopropyl ether	ND		0.50	0.28	ug/L			04/19/12 21:22	1
Freon 113	ND *		0.50	0.15	ug/L			04/19/12 21:22	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			04/19/12 21:22	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			04/19/12 21:22	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			04/19/12 21:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					04/12/1 8 1:	1
1, -Dichlorobenzene-d4	21		70 - 130					04/12/1 8 1:	1

Client Sample ID: WG-RW01-041212D

Lab Sample ID: 680-78589-2

Date Collected: 04/12/12 10:58

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			04/19/12 19:53	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			04/19/12 19:53	1
Chlorobenzene	ND		0.50	0.27	ug/L			04/19/12 19:53	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			04/19/12 19:53	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 19:53	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			04/19/12 19:53	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			04/19/12 19:53	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			04/19/12 19:53	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			04/19/12 19:53	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			04/19/12 19:53	1
Ethylbenzene	ND		0.50	0.12	ug/L			04/19/12 19:53	1
Methylene Chloride	ND		0.50	0.36	ug/L			04/19/12 19:53	1
Styrene	ND		0.50	0.28	ug/L			04/19/12 19:53	1
Tetrachloroethene	ND		0.50	0.30	ug/L			04/19/12 19:53	1
Toluene	ND		0.50	0.23	ug/L			04/19/12 19:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 19:53	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			04/19/12 19:53	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			04/19/12 19:53	1
Vinyl chloride	ND		0.50	0.33	ug/L			04/19/12 19:53	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW01-041212D

Lab Sample ID: 680-78589-2

Date Collected: 04/12/12 10:58

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			04/19/12 19:53	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			04/19/12 19:53	1
Bromoform	ND		0.50	0.39	ug/L			04/19/12 19:53	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			04/19/12 19:53	1
Bromobenzene	ND		0.50	0.42	ug/L			04/19/12 19:53	1
Chlorobromomethane	ND		0.50	0.30	ug/L			04/19/12 19:53	1
Bromomethane	ND		1.0	0.45	ug/L			04/19/12 19:53	1
n-Butylbenzene	ND		0.50	0.17	ug/L			04/19/12 19:53	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 19:53	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 19:53	1
Chloroethane	ND		1.0	0.33	ug/L			04/19/12 19:53	1
Chloromethane	ND		0.50	0.32	ug/L			04/19/12 19:53	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			04/19/12 19:53	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			04/19/12 19:53	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			04/19/12 19:53	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			04/19/12 19:53	1
Dibromomethane	ND		0.50	0.38	ug/L			04/19/12 19:53	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 19:53	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			04/19/12 19:53	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			04/19/12 19:53	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			04/19/12 19:53	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			04/19/12 19:53	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			04/19/12 19:53	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			04/19/12 19:53	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			04/19/12 19:53	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			04/19/12 19:53	1
Isopropylbenzene	ND		0.50	0.15	ug/L			04/19/12 19:53	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			04/19/12 19:53	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			04/19/12 19:53	1
Naphthalene	ND		1.0	0.43	ug/L			04/19/12 19:53	1
N-Propylbenzene	ND		0.50	0.17	ug/L			04/19/12 19:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			04/19/12 19:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			04/19/12 19:53	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 19:53	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			04/19/12 19:53	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			04/19/12 19:53	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			04/19/12 19:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			04/19/12 19:53	1
o-Xylene	ND		0.50	0.27	ug/L			04/19/12 19:53	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			04/19/12 19:53	1
Acetone	ND		10	5.0	ug/L			04/19/12 19:53	1
2-Butanone (MEK)	ND		10	5.0	ug/L			04/19/12 19:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			04/19/12 19:53	1
2-Hexanone	ND		10	5.0	ug/L			04/19/12 19:53	1
Trichloroethene	ND		0.50	0.37	ug/L			04/19/12 19:53	1
Xylenes, Total	ND		0.50	0.27	ug/L			04/19/12 19:53	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			04/19/12 19:53	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			04/19/12 19:53	1
Diisopropyl ether	ND		0.50	0.28	ug/L			04/19/12 19:53	1
Freon 113	ND	*	0.50	0.15	ug/L			04/19/12 19:53	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			04/19/12 19:53	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW01-041212D

Lab Sample ID: 680-78589-2

Date Collected: 04/12/12 10:58

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			04/19/12 19:53	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			04/19/12 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130					04/12/1 8:2:63	1
1, -Dichlorobenzene-d4	24		70 - 130					04/12/1 8:2:63	1

Client Sample ID: WG-RW02-041212

Lab Sample ID: 680-78589-3

Date Collected: 04/12/12 12:30

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			04/19/12 21:00	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			04/19/12 21:00	1
Chlorobenzene	ND		0.50	0.27	ug/L			04/19/12 21:00	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			04/19/12 21:00	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 21:00	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			04/19/12 21:00	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			04/19/12 21:00	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			04/19/12 21:00	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			04/19/12 21:00	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			04/19/12 21:00	1
Ethylbenzene	ND		0.50	0.12	ug/L			04/19/12 21:00	1
Methylene Chloride	ND		0.50	0.36	ug/L			04/19/12 21:00	1
Styrene	ND		0.50	0.28	ug/L			04/19/12 21:00	1
Tetrachloroethene	ND		0.50	0.30	ug/L			04/19/12 21:00	1
Toluene	ND		0.50	0.23	ug/L			04/19/12 21:00	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 21:00	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			04/19/12 21:00	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			04/19/12 21:00	1
Vinyl chloride	ND		0.50	0.33	ug/L			04/19/12 21:00	1
Chloroform	0.90		0.50	0.29	ug/L			04/19/12 21:00	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			04/19/12 21:00	1
Bromoform	ND		0.50	0.39	ug/L			04/19/12 21:00	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			04/19/12 21:00	1
Bromobenzene	ND		0.50	0.42	ug/L			04/19/12 21:00	1
Chlorobromomethane	ND		0.50	0.30	ug/L			04/19/12 21:00	1
Bromomethane	ND		1.0	0.45	ug/L			04/19/12 21:00	1
n-Butylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:00	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 21:00	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 21:00	1
Chloroethane	ND		1.0	0.33	ug/L			04/19/12 21:00	1
Chloromethane	ND		0.50	0.32	ug/L			04/19/12 21:00	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			04/19/12 21:00	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			04/19/12 21:00	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			04/19/12 21:00	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			04/19/12 21:00	1
Dibromomethane	ND		0.50	0.38	ug/L			04/19/12 21:00	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 21:00	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			04/19/12 21:00	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW02-041212

Lab Sample ID: 680-78589-3

Date Collected: 04/12/12 12:30

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			04/19/12 21:00	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			04/19/12 21:00	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			04/19/12 21:00	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			04/19/12 21:00	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			04/19/12 21:00	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			04/19/12 21:00	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			04/19/12 21:00	1
Isopropylbenzene	ND		0.50	0.15	ug/L			04/19/12 21:00	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			04/19/12 21:00	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			04/19/12 21:00	1
Naphthalene	ND		1.0	0.43	ug/L			04/19/12 21:00	1
N-Propylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:00	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			04/19/12 21:00	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			04/19/12 21:00	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 21:00	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			04/19/12 21:00	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			04/19/12 21:00	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			04/19/12 21:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			04/19/12 21:00	1
o-Xylene	ND		0.50	0.27	ug/L			04/19/12 21:00	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			04/19/12 21:00	1
Acetone	ND		10	5.0	ug/L			04/19/12 21:00	1
2-Butanone (MEK)	ND		10	5.0	ug/L			04/19/12 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			04/19/12 21:00	1
2-Hexanone	ND		10	5.0	ug/L			04/19/12 21:00	1
Trichloroethene	ND		0.50	0.37	ug/L			04/19/12 21:00	1
Xylenes, Total	ND		0.50	0.27	ug/L			04/19/12 21:00	1
Trihalomethanes, Total	0.90		0.50	0.29	ug/L			04/19/12 21:00	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			04/19/12 21:00	1
Diisopropyl ether	ND		0.50	0.28	ug/L			04/19/12 21:00	1
Freon 113	ND *		0.50	0.15	ug/L			04/19/12 21:00	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			04/19/12 21:00	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			04/19/12 21:00	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			04/19/12 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130					04/12/12 8 1:00	1
1, -Dichlorobenzene-d4	23		70 - 130					04/12/12 8 1:00	1

Client Sample ID: WG-RW03-041212

Lab Sample ID: 680-78589-4

Date Collected: 04/12/12 13:24

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.5		0.50	0.18	ug/L			04/19/12 20:37	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			04/19/12 20:37	1
Chlorobenzene	ND		0.50	0.27	ug/L			04/19/12 20:37	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			04/19/12 20:37	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 20:37	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			04/19/12 20:37	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW03-041212

Lab Sample ID: 680-78589-4

Date Collected: 04/12/12 13:24

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.32	ug/L			04/19/12 20:37	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			04/19/12 20:37	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			04/19/12 20:37	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			04/19/12 20:37	1
Ethylbenzene	2.6		0.50	0.12	ug/L			04/19/12 20:37	1
Methylene Chloride	ND		0.50	0.36	ug/L			04/19/12 20:37	1
Styrene	ND		0.50	0.28	ug/L			04/19/12 20:37	1
Tetrachloroethene	ND		0.50	0.30	ug/L			04/19/12 20:37	1
Toluene	ND		0.50	0.23	ug/L			04/19/12 20:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			04/19/12 20:37	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			04/19/12 20:37	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			04/19/12 20:37	1
Vinyl chloride	ND		0.50	0.33	ug/L			04/19/12 20:37	1
Chloroform	ND		0.50	0.29	ug/L			04/19/12 20:37	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			04/19/12 20:37	1
Bromoform	ND		0.50	0.39	ug/L			04/19/12 20:37	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			04/19/12 20:37	1
Bromobenzene	ND		0.50	0.42	ug/L			04/19/12 20:37	1
Chlorobromomethane	ND		0.50	0.30	ug/L			04/19/12 20:37	1
Bromomethane	ND		1.0	0.45	ug/L			04/19/12 20:37	1
n-Butylbenzene	ND		0.50	0.17	ug/L			04/19/12 20:37	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 20:37	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			04/19/12 20:37	1
Chloroethane	ND		1.0	0.33	ug/L			04/19/12 20:37	1
Chloromethane	ND		0.50	0.32	ug/L			04/19/12 20:37	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			04/19/12 20:37	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			04/19/12 20:37	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			04/19/12 20:37	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			04/19/12 20:37	1
Dibromomethane	ND		0.50	0.38	ug/L			04/19/12 20:37	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 20:37	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			04/19/12 20:37	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			04/19/12 20:37	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			04/19/12 20:37	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			04/19/12 20:37	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			04/19/12 20:37	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			04/19/12 20:37	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			04/19/12 20:37	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			04/19/12 20:37	1
Isopropylbenzene	0.22	J	0.50	0.15	ug/L			04/19/12 20:37	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			04/19/12 20:37	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			04/19/12 20:37	1
Naphthalene	ND		1.0	0.43	ug/L			04/19/12 20:37	1
N-Propylbenzene	0.24	J	0.50	0.17	ug/L			04/19/12 20:37	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			04/19/12 20:37	1
1,1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			04/19/12 20:37	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			04/19/12 20:37	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			04/19/12 20:37	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			04/19/12 20:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			04/19/12 20:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			04/19/12 20:37	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: WG-RW03-041212

Lab Sample ID: 680-78589-4

Date Collected: 04/12/12 13:24

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50	0.27	ug/L			04/19/12 20:37	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			04/19/12 20:37	1
Acetone	ND		10	5.0	ug/L			04/19/12 20:37	1
2-Butanone (MEK)	ND		10	5.0	ug/L			04/19/12 20:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			04/19/12 20:37	1
2-Hexanone	ND		10	5.0	ug/L			04/19/12 20:37	1
Trichloroethene	ND		0.50	0.37	ug/L			04/19/12 20:37	1
Xylenes, Total	ND		0.50	0.27	ug/L			04/19/12 20:37	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			04/19/12 20:37	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			04/19/12 20:37	1
Diisopropyl ether	ND		0.50	0.28	ug/L			04/19/12 20:37	1
Freon 113	ND *		0.50	0.15	ug/L			04/19/12 20:37	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			04/19/12 20:37	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			04/19/12 20:37	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			04/19/12 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130					04/12/1 8 0:37	1
1, -Dichlorobenzene-d4	92		70 - 130					04/12/1 8 0:37	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-78589-5

Date Collected: 04/12/12 00:00

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			04/20/12 21:31	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			04/20/12 21:31	1
Chlorobenzene	ND		0.50	0.27	ug/L			04/20/12 21:31	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			04/20/12 21:31	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			04/20/12 21:31	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			04/20/12 21:31	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			04/20/12 21:31	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			04/20/12 21:31	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			04/20/12 21:31	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			04/20/12 21:31	1
Ethylbenzene	ND		0.50	0.12	ug/L			04/20/12 21:31	1
Methylene Chloride	ND		0.50	0.36	ug/L			04/20/12 21:31	1
Styrene	ND		0.50	0.28	ug/L			04/20/12 21:31	1
Tetrachloroethene	ND		0.50	0.30	ug/L			04/20/12 21:31	1
Toluene	ND		0.50	0.23	ug/L			04/20/12 21:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			04/20/12 21:31	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			04/20/12 21:31	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			04/20/12 21:31	1
Vinyl chloride	ND		0.50	0.33	ug/L			04/20/12 21:31	1
Chloroform	ND		0.50	0.29	ug/L			04/20/12 21:31	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			04/20/12 21:31	1
Bromoform	ND		0.50	0.39	ug/L			04/20/12 21:31	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			04/20/12 21:31	1
Bromobenzene	ND		0.50	0.42	ug/L			04/20/12 21:31	1
Chlorobromomethane	ND		0.50	0.30	ug/L			04/20/12 21:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron, IL GW

TestAmerica Job ID: 680-78589-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-78589-5

Date Collected: 04/12/12 00:00

Matrix: Water

Date Received: 04/14/12 09:46

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.45	ug/L			04/20/12 21:31	1
n-Butylbenzene	ND		0.50	0.17	ug/L			04/20/12 21:31	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			04/20/12 21:31	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			04/20/12 21:31	1
Chloroethane	ND	*	1.0	0.33	ug/L			04/20/12 21:31	1
Chloromethane	ND		0.50	0.32	ug/L			04/20/12 21:31	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			04/20/12 21:31	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			04/20/12 21:31	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			04/20/12 21:31	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			04/20/12 21:31	1
Dibromomethane	ND		0.50	0.38	ug/L			04/20/12 21:31	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			04/20/12 21:31	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			04/20/12 21:31	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			04/20/12 21:31	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			04/20/12 21:31	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			04/20/12 21:31	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			04/20/12 21:31	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			04/20/12 21:31	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			04/20/12 21:31	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			04/20/12 21:31	1
Isopropylbenzene	ND		0.50	0.15	ug/L			04/20/12 21:31	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			04/20/12 21:31	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			04/20/12 21:31	1
Naphthalene	ND		1.0	0.43	ug/L			04/20/12 21:31	1
N-Propylbenzene	ND		0.50	0.17	ug/L			04/20/12 21:31	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			04/20/12 21:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			04/20/12 21:31	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			04/20/12 21:31	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			04/20/12 21:31	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			04/20/12 21:31	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			04/20/12 21:31	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			04/20/12 21:31	1
o-Xylene	ND		0.50	0.27	ug/L			04/20/12 21:31	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			04/20/12 21:31	1
Acetone	ND		10	5.0	ug/L			04/20/12 21:31	1
2-Butanone (MEK)	ND		10	5.0	ug/L			04/20/12 21:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			04/20/12 21:31	1
2-Hexanone	ND		10	5.0	ug/L			04/20/12 21:31	1
Trichloroethene	ND		0.50	0.37	ug/L			04/20/12 21:31	1
Xylenes, Total	ND		0.50	0.27	ug/L			04/20/12 21:31	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			04/20/12 21:31	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			04/20/12 21:31	1
Diisopropyl ether	ND		0.50	0.28	ug/L			04/20/12 21:31	1
Freon 113	ND		0.50	0.15	ug/L			04/20/12 21:31	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			04/20/12 21:31	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			04/20/12 21:31	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			04/20/12 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		04/ 0/1 8 1:31	1
1, -Dichlorobenzene-d4	104		70 - 130		04/ 0/1 8 1:31	1

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: May 10, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-79160-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for one water sample and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-050212	680-79160-1	Water	5/2/2012	5/7/2012
Trip Blank	680-79160-2	Water	5/2/2012	5/7/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit. A couple of compounds were detected below the reporting limit in the method blank. However, these compounds were not detected in the samples and no qualifications were warranted.

The trip blank contained no target compounds above the reporting limits.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD) except for as follows.

Chloromethane was detected high outside QC limits. Because chloromethane was not detected in the associated samples, no qualifications are required.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were not analyzed with the VOC analyses. No qualifications are warranted for this omission.

7. Field Duplicate Results

Field duplicates are not associated with this work order.

8. Overall Assessment

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-79160-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: 20405016001169800

TestAmerica Job ID: 680-79160-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These are the only used abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: 20405016001169800

TestAmerica Job ID: 680-79160-1

Client Sample ID: WGC-RW01-050212

Lab Sample ID: 680-79160-1

Date Collected: 05/02/12 10:42

Matrix: Water

Date Received: 05/03/12 09:34

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			05/07/12 05:14	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			05/07/12 05:14	1
Chlorobenzene	ND		0.50	0.27	ug/L			05/07/12 05:14	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			05/07/12 05:14	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			05/07/12 05:14	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			05/07/12 05:14	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			05/07/12 05:14	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			05/07/12 05:14	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			05/07/12 05:14	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			05/07/12 05:14	1
Ethylbenzene	ND		0.50	0.12	ug/L			05/07/12 05:14	1
Methylene Chloride	ND		0.50	0.36	ug/L			05/07/12 05:14	1
Styrene	ND		0.50	0.28	ug/L			05/07/12 05:14	1
Tetrachloroethene	ND		0.50	0.30	ug/L			05/07/12 05:14	1
Toluene	ND		0.50	0.23	ug/L			05/07/12 05:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			05/07/12 05:14	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			05/07/12 05:14	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			05/07/12 05:14	1
Vinyl chloride	ND		0.50	0.33	ug/L			05/07/12 05:14	1
Chloroform	ND		0.50	0.29	ug/L			05/07/12 05:14	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			05/07/12 05:14	1
Bromoform	ND		0.50	0.39	ug/L			05/07/12 05:14	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			05/07/12 05:14	1
Bromobenzene	ND		0.50	0.42	ug/L			05/07/12 05:14	1
Chlorobromomethane	ND		0.50	0.30	ug/L			05/07/12 05:14	1
Bromomethane	ND		1.0	0.45	ug/L			05/07/12 05:14	1
n-Butylbenzene	ND		0.50	0.17	ug/L			05/07/12 05:14	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			05/07/12 05:14	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			05/07/12 05:14	1
Chloroethane	ND		1.0	0.33	ug/L			05/07/12 05:14	1
Chloromethane	ND	*	0.50	0.32	ug/L			05/07/12 05:14	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			05/07/12 05:14	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			05/07/12 05:14	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			05/07/12 05:14	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			05/07/12 05:14	1
Dibromomethane	ND		0.50	0.38	ug/L			05/07/12 05:14	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			05/07/12 05:14	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			05/07/12 05:14	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			05/07/12 05:14	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			05/07/12 05:14	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			05/07/12 05:14	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			05/07/12 05:14	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			05/07/12 05:14	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			05/07/12 05:14	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			05/07/12 05:14	1
Isopropylbenzene	ND		0.50	0.15	ug/L			05/07/12 05:14	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			05/07/12 05:14	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			05/07/12 05:14	1
Naphthalene	ND		1.0	0.43	ug/L			05/07/12 05:14	1
N-Propylbenzene	ND		0.50	0.17	ug/L			05/07/12 05:14	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			05/07/12 05:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: 20405016001169800

TestAmerica Job ID: 680-79160-1

Client Sample ID: WGC-RW01-050212

Lab Sample ID: 680-79160-1

Date Collected: 05/02/12 10:42

Matrix: Water

Date Received: 05/03/12 09:34

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			05/07/12 05:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			05/07/12 05:14	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			05/07/12 05:14	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			05/07/12 05:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			05/07/12 05:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			05/07/12 05:14	1
o-Xylene	ND		0.50	0.27	ug/L			05/07/12 05:14	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			05/07/12 05:14	1
Acetone	ND		10	5.0	ug/L			05/07/12 05:14	1
2-Butanone (MEK)	ND		10	5.0	ug/L			05/07/12 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			05/07/12 05:14	1
2-Hexanone	ND		10	5.0	ug/L			05/07/12 05:14	1
Trichloroethene	ND		0.50	0.37	ug/L			05/07/12 05:14	1
Xylenes, Total	ND		0.50	0.27	ug/L			05/07/12 05:14	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			05/07/12 05:14	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			05/07/12 05:14	1
Diisopropyl ether	ND		0.50	0.28	ug/L			05/07/12 05:14	1
Freon 113	ND		0.50	0.15	ug/L			05/07/12 05:14	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			05/07/12 05:14	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			05/07/12 05:14	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			05/07/12 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		70 - 130					05/07/12 05:14	1
1,2-Dichlorobenzene-d4	83		70 - 130					05/07/12 05:14	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79160-2

Date Collected: 05/02/12 00:00

Matrix: Water

Date Received: 05/03/12 09:34

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			05/07/12 01:54	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			05/07/12 01:54	1
Chlorobenzene	ND		0.50	0.27	ug/L			05/07/12 01:54	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			05/07/12 01:54	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			05/07/12 01:54	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			05/07/12 01:54	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			05/07/12 01:54	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			05/07/12 01:54	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			05/07/12 01:54	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			05/07/12 01:54	1
Ethylbenzene	ND		0.50	0.12	ug/L			05/07/12 01:54	1
Methylene Chloride	ND		0.50	0.36	ug/L			05/07/12 01:54	1
Styrene	ND		0.50	0.28	ug/L			05/07/12 01:54	1
Tetrachloroethene	ND		0.50	0.30	ug/L			05/07/12 01:54	1
Toluene	ND		0.50	0.23	ug/L			05/07/12 01:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			05/07/12 01:54	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			05/07/12 01:54	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			05/07/12 01:54	1
Vinyl chloride	ND		0.50	0.33	ug/L			05/07/12 01:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: 20405016001169800

TestAmerica Job ID: 680-79160-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79160-2

Date Collected: 05/02/12 00:00

Matrix: Water

Date Received: 05/03/12 09:34

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			05/07/12 01:54	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			05/07/12 01:54	1
Bromoform	ND		0.50	0.39	ug/L			05/07/12 01:54	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			05/07/12 01:54	1
Bromobenzene	ND		0.50	0.42	ug/L			05/07/12 01:54	1
Chlorobromomethane	ND		0.50	0.30	ug/L			05/07/12 01:54	1
Bromomethane	ND		1.0	0.45	ug/L			05/07/12 01:54	1
n-Butylbenzene	ND		0.50	0.17	ug/L			05/07/12 01:54	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			05/07/12 01:54	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			05/07/12 01:54	1
Chloroethane	ND		1.0	0.33	ug/L			05/07/12 01:54	1
Chloromethane	ND	*	0.50	0.32	ug/L			05/07/12 01:54	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			05/07/12 01:54	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			05/07/12 01:54	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			05/07/12 01:54	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			05/07/12 01:54	1
Dibromomethane	ND		0.50	0.38	ug/L			05/07/12 01:54	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			05/07/12 01:54	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			05/07/12 01:54	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			05/07/12 01:54	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			05/07/12 01:54	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			05/07/12 01:54	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			05/07/12 01:54	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			05/07/12 01:54	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			05/07/12 01:54	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			05/07/12 01:54	1
Isopropylbenzene	ND		0.50	0.15	ug/L			05/07/12 01:54	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			05/07/12 01:54	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			05/07/12 01:54	1
Naphthalene	ND		1.0	0.43	ug/L			05/07/12 01:54	1
N-Propylbenzene	ND		0.50	0.17	ug/L			05/07/12 01:54	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			05/07/12 01:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			05/07/12 01:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			05/07/12 01:54	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			05/07/12 01:54	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			05/07/12 01:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			05/07/12 01:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			05/07/12 01:54	1
o-Xylene	ND		0.50	0.27	ug/L			05/07/12 01:54	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			05/07/12 01:54	1
Acetone	ND		10	5.0	ug/L			05/07/12 01:54	1
2-Butanone (MEK)	ND		10	5.0	ug/L			05/07/12 01:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			05/07/12 01:54	1
2-Hexanone	ND		10	5.0	ug/L			05/07/12 01:54	1
Trichloroethene	ND		0.50	0.37	ug/L			05/07/12 01:54	1
Xylenes, Total	ND		0.50	0.27	ug/L			05/07/12 01:54	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			05/07/12 01:54	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			05/07/12 01:54	1
Diisopropyl ether	ND		0.50	0.28	ug/L			05/07/12 01:54	1
Freon 113	ND		0.50	0.15	ug/L			05/07/12 01:54	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			05/07/12 01:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: 20405016001169800

TestAmerica Job ID: 680-79160-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79160-2

Date Collected: 05/02/12 00:00

Matrix: Water

Date Received: 05/03/12 09:34

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			05/07/12 01:54	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			05/07/12 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		70 - 130		05/07/12 01:54	1
1,2-Dichlorobenzene-d4	84		70 - 130		05/07/12 01:54	1

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: June 28, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-79962-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three water sample and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGC-RW01-053112	680-79962-1	Water	5/31/2012	6/13/2012
WGC-RW02-053112	680-79962-2	Water	5/31/2012	6/14/2012
WGC-RW02-053112D	680-79962-3	Water	5/31/2012	6/14/2012
Trip Blank	680-79962-4	Water	5/31/2012	6/12/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. **Blanks**

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit. On analysis date 6/14/2012, a few compounds were detected below the reporting limit in the method blank. However, these compounds were not detected in the samples and no qualifications were warranted.

The trip blank contained no target compounds above the reporting limits.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD) except for as follows.

Chloromethane was detected low outside QC limits by one percent in the LCSD only. Because this discrepancy is minor and chloromethane was within the QC limits in the LCS, no qualifications were applied.

6. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

An MS and MSD were analyzed with the VOC analyses using sample WGC-RW01-053112 as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

Sample WGC-RW02-053112D is a field duplicate of sample WGC-RW02-053112. Most results were non-detect indicating good correlation between the two samples.

Acetone was detected in both samples. The calculated RPD is 39 percent which is acceptable.

Chloromethane was detected below the reporting limit in sample WGC-RW02-053112 but was not detected in the field duplicate. Because chloromethane was below the reporting limit in the one sample, it is considered an estimated value and does not indicate any major problems associated with heterogeneity.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-79962-1

8. Overall Assessment

TestAmerica flagged some VOC results with a “J” because they were detected below the reporting limit. These flagged data are considered estimated.

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-79962-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These are the only used abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: WGC-RW01-053112

Lab Sample ID: 680-79962-1

Date Collected: 05/31/12 10:40

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2400		50	18	ug/L			06/13/12 19:23	100
Carbon tetrachloride	ND		50	22	ug/L			06/13/12 19:23	100
Chlorobenzene	ND		50	27	ug/L			06/13/12 19:23	100
1,2-Dichlorobenzene	ND		50	17	ug/L			06/13/12 19:23	100
1,4-Dichlorobenzene	ND		50	18	ug/L			06/13/12 19:23	100
1,2-Dichloroethane	ND		50	17	ug/L			06/13/12 19:23	100
1,1-Dichloroethene	ND		50	32	ug/L			06/13/12 19:23	100
cis-1,2-Dichloroethene	ND		50	37	ug/L			06/13/12 19:23	100
trans-1,2-Dichloroethene	ND		50	24	ug/L			06/13/12 19:23	100
1,2-Dichloropropane	ND		50	45	ug/L			06/13/12 19:23	100
Ethylbenzene	660		50	12	ug/L			06/13/12 19:23	100
Methylene Chloride	ND		50	36	ug/L			06/13/12 19:23	100
Styrene	ND		50	28	ug/L			06/13/12 19:23	100
Tetrachloroethene	ND		50	30	ug/L			06/13/12 19:23	100
Toluene	180		50	23	ug/L			06/13/12 19:23	100
1,2,4-Trichlorobenzene	ND		50	18	ug/L			06/13/12 19:23	100
1,1,1-Trichloroethane	ND		50	27	ug/L			06/13/12 19:23	100
1,1,2-Trichloroethane	ND		50	22	ug/L			06/13/12 19:23	100
Vinyl chloride	ND		50	33	ug/L			06/13/12 19:23	100
Chloroform	ND		50	29	ug/L			06/13/12 19:23	100
Dichlorobromomethane	ND		100	54	ug/L			06/13/12 19:23	100
Bromoform	ND		50	39	ug/L			06/13/12 19:23	100
Chlorodibromomethane	ND		50	43	ug/L			06/13/12 19:23	100
Bromobenzene	ND		50	42	ug/L			06/13/12 19:23	100
Chlorobromomethane	ND		50	30	ug/L			06/13/12 19:23	100
Bromomethane	ND		100	45	ug/L			06/13/12 19:23	100
n-Butylbenzene	ND		50	17	ug/L			06/13/12 19:23	100
sec-Butylbenzene	ND		50	14	ug/L			06/13/12 19:23	100
tert-Butylbenzene	ND		50	14	ug/L			06/13/12 19:23	100
Chloroethane	ND		100	33	ug/L			06/13/12 19:23	100
Chloromethane	ND		50	32	ug/L			06/13/12 19:23	100
2-Chlorotoluene	ND		50	17	ug/L			06/13/12 19:23	100
4-Chlorotoluene	ND		50	16	ug/L			06/13/12 19:23	100
1,2-Dibromo-3-Chloropropane	ND		50	30	ug/L			06/13/12 19:23	100
Ethylene Dibromide	ND		50	20	ug/L			06/13/12 19:23	100
Dibromomethane	ND		50	38	ug/L			06/13/12 19:23	100
1,3-Dichlorobenzene	ND		50	14	ug/L			06/13/12 19:23	100
Dichlorodifluoromethane	ND		50	34	ug/L			06/13/12 19:23	100
1,1-Dichloroethane	ND		50	39	ug/L			06/13/12 19:23	100
1,3-Dichloropropane	ND		50	43	ug/L			06/13/12 19:23	100
2,2-Dichloropropane	ND		50	31	ug/L			06/13/12 19:23	100
1,1-Dichloropropene	ND		50	19	ug/L			06/13/12 19:23	100
cis-1,3-Dichloropropene	ND		50	32	ug/L			06/13/12 19:23	100
trans-1,3-Dichloropropene	ND		50	48	ug/L			06/13/12 19:23	100
Hexachlorobutadiene	ND		50	26	ug/L			06/13/12 19:23	100
Isopropylbenzene	27 J		50	15	ug/L			06/13/12 19:23	100
4-Isopropyltoluene	ND		50	21	ug/L			06/13/12 19:23	100
Methyl tert-butyl ether	ND		50	26	ug/L			06/13/12 19:23	100
Naphthalene	ND		100	43	ug/L			06/13/12 19:23	100
N-Propylbenzene	57		50	17	ug/L			06/13/12 19:23	100
1,1,1,2-Tetrachloroethane	ND		50	16	ug/L			06/13/12 19:23	100

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: WGC-RW01-053112

Lab Sample ID: 680-79962-1

Date Collected: 05/31/12 10:40

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		50	18	ug/L			06/13/12 19:23	100
1,2,3-Trichlorobenzene	ND		50	14	ug/L			06/13/12 19:23	100
Trichlorofluoromethane	ND		50	23	ug/L			06/13/12 19:23	100
1,2,3-Trichloropropane	ND		50	18	ug/L			06/13/12 19:23	100
1,2,4-Trimethylbenzene	370		50	17	ug/L			06/13/12 19:23	100
1,3,5-Trimethylbenzene	80		50	16	ug/L			06/13/12 19:23	100
o-Xylene	69		50	27	ug/L			06/13/12 19:23	100
m-Xylene & p-Xylene	1600		50	42	ug/L			06/13/12 19:23	100
Acetone	ND		1000	500	ug/L			06/13/12 19:23	100
2-Butanone (MEK)	ND		1000	500	ug/L			06/13/12 19:23	100
4-Methyl-2-pentanone (MIBK)	ND		1000	500	ug/L			06/13/12 19:23	100
2-Hexanone	ND		1000	500	ug/L			06/13/12 19:23	100
Trichloroethene	ND		50	37	ug/L			06/13/12 19:23	100
Xylenes, Total	1700		50	27	ug/L			06/13/12 19:23	100
Trihalomethanes, Total	ND		50	29	ug/L			06/13/12 19:23	100
Tert-butyl ethyl ether	ND		50	26	ug/L			06/13/12 19:23	100
Diisopropyl ether	ND		50	28	ug/L			06/13/12 19:23	100
Freon 113	ND		50	15	ug/L			06/13/12 19:23	100
Tert-amyl methyl ether	ND		50	20	ug/L			06/13/12 19:23	100
1,3-Dichloropropene, Total	ND		50	32	ug/L			06/13/12 19:23	100
tert-Butyl alcohol	ND		200	160	ug/L			06/13/12 19:23	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	121		70 - 130					06/13/12 19:23	100
1,2-Dichlorobenzene-d4	120		70 - 130					06/13/12 19:23	100

Client Sample ID: WGC-RW02-053112

Lab Sample ID: 680-79962-2

Date Collected: 05/31/12 11:20

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			06/14/12 18:13	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			06/14/12 18:13	1
Chlorobenzene	ND		0.50	0.27	ug/L			06/14/12 18:13	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			06/14/12 18:13	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			06/14/12 18:13	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			06/14/12 18:13	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			06/14/12 18:13	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			06/14/12 18:13	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			06/14/12 18:13	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			06/14/12 18:13	1
Ethylbenzene	ND		0.50	0.12	ug/L			06/14/12 18:13	1
Methylene Chloride	ND		0.50	0.36	ug/L			06/14/12 18:13	1
Styrene	ND		0.50	0.28	ug/L			06/14/12 18:13	1
Tetrachloroethene	ND		0.50	0.30	ug/L			06/14/12 18:13	1
Toluene	ND		0.50	0.23	ug/L			06/14/12 18:13	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			06/14/12 18:13	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			06/14/12 18:13	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			06/14/12 18:13	1
Vinyl chloride	ND		0.50	0.33	ug/L			06/14/12 18:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: WGC-RW02-053112

Lab Sample ID: 680-79962-2

Date Collected: 05/31/12 11:20

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			06/14/12 18:13	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			06/14/12 18:13	1
Bromoform	ND		0.50	0.39	ug/L			06/14/12 18:13	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			06/14/12 18:13	1
Bromobenzene	ND		0.50	0.42	ug/L			06/14/12 18:13	1
Chlorobromomethane	ND		0.50	0.30	ug/L			06/14/12 18:13	1
Bromomethane	ND		1.0	0.45	ug/L			06/14/12 18:13	1
n-Butylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:13	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			06/14/12 18:13	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			06/14/12 18:13	1
Chloroethane	ND		1.0	0.33	ug/L			06/14/12 18:13	1
Chloromethane	0.75	*	0.50	0.32	ug/L			06/14/12 18:13	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			06/14/12 18:13	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			06/14/12 18:13	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			06/14/12 18:13	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			06/14/12 18:13	1
Dibromomethane	ND		0.50	0.38	ug/L			06/14/12 18:13	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			06/14/12 18:13	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			06/14/12 18:13	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			06/14/12 18:13	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			06/14/12 18:13	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			06/14/12 18:13	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			06/14/12 18:13	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			06/14/12 18:13	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			06/14/12 18:13	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			06/14/12 18:13	1
Isopropylbenzene	ND		0.50	0.15	ug/L			06/14/12 18:13	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			06/14/12 18:13	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			06/14/12 18:13	1
Naphthalene	ND		1.0	0.43	ug/L			06/14/12 18:13	1
N-Propylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:13	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			06/14/12 18:13	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			06/14/12 18:13	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			06/14/12 18:13	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			06/14/12 18:13	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			06/14/12 18:13	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:13	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			06/14/12 18:13	1
o-Xylene	ND		0.50	0.27	ug/L			06/14/12 18:13	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			06/14/12 18:13	1
Acetone	12		10	5.0	ug/L			06/14/12 18:13	1
2-Butanone (MEK)	ND		10	5.0	ug/L			06/14/12 18:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			06/14/12 18:13	1
2-Hexanone	ND		10	5.0	ug/L			06/14/12 18:13	1
Trichloroethene	ND		0.50	0.37	ug/L			06/14/12 18:13	1
Xylenes, Total	ND		0.50	0.27	ug/L			06/14/12 18:13	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			06/14/12 18:13	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			06/14/12 18:13	1
Diisopropyl ether	ND		0.50	0.28	ug/L			06/14/12 18:13	1
Freon 113	ND		0.50	0.15	ug/L			06/14/12 18:13	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			06/14/12 18:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: WGC-RW02-053112

Lab Sample ID: 680-79962-2

Date Collected: 05/31/12 11:20

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			06/14/12 18:13	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			06/14/12 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	119		70 - 130					06/14/12 18:13	1
1,2-Dichlorobenzene-d4	115		70 - 130					06/14/12 18:13	1

Client Sample ID: WGC-RW02-053112 D

Lab Sample ID: 680-79962-3

Date Collected: 05/31/12 11:20

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			06/14/12 18:35	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			06/14/12 18:35	1
Chlorobenzene	ND		0.50	0.27	ug/L			06/14/12 18:35	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			06/14/12 18:35	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			06/14/12 18:35	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			06/14/12 18:35	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			06/14/12 18:35	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			06/14/12 18:35	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			06/14/12 18:35	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			06/14/12 18:35	1
Ethylbenzene	ND		0.50	0.12	ug/L			06/14/12 18:35	1
Methylene Chloride	ND		0.50	0.36	ug/L			06/14/12 18:35	1
Styrene	ND		0.50	0.28	ug/L			06/14/12 18:35	1
Tetrachloroethene	ND		0.50	0.30	ug/L			06/14/12 18:35	1
Toluene	ND		0.50	0.23	ug/L			06/14/12 18:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			06/14/12 18:35	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			06/14/12 18:35	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			06/14/12 18:35	1
Vinyl chloride	ND		0.50	0.33	ug/L			06/14/12 18:35	1
Chloroform	ND		0.50	0.29	ug/L			06/14/12 18:35	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			06/14/12 18:35	1
Bromoform	ND		0.50	0.39	ug/L			06/14/12 18:35	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			06/14/12 18:35	1
Bromobenzene	ND		0.50	0.42	ug/L			06/14/12 18:35	1
Chlorobromomethane	ND		0.50	0.30	ug/L			06/14/12 18:35	1
Bromomethane	ND		1.0	0.45	ug/L			06/14/12 18:35	1
n-Butylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:35	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			06/14/12 18:35	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			06/14/12 18:35	1
Chloroethane	ND		1.0	0.33	ug/L			06/14/12 18:35	1
Chloromethane	ND	*	0.50	0.32	ug/L			06/14/12 18:35	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			06/14/12 18:35	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			06/14/12 18:35	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			06/14/12 18:35	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			06/14/12 18:35	1
Dibromomethane	ND		0.50	0.38	ug/L			06/14/12 18:35	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			06/14/12 18:35	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			06/14/12 18:35	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: WGC-RW02-053112 D

Lab Sample ID: 680-79962-3

Date Collected: 05/31/12 11:20

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			06/14/12 18:35	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			06/14/12 18:35	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			06/14/12 18:35	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			06/14/12 18:35	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			06/14/12 18:35	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			06/14/12 18:35	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			06/14/12 18:35	1
Isopropylbenzene	ND		0.50	0.15	ug/L			06/14/12 18:35	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			06/14/12 18:35	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			06/14/12 18:35	1
Naphthalene	ND		1.0	0.43	ug/L			06/14/12 18:35	1
N-Propylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			06/14/12 18:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			06/14/12 18:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			06/14/12 18:35	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			06/14/12 18:35	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			06/14/12 18:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			06/14/12 18:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			06/14/12 18:35	1
o-Xylene	ND		0.50	0.27	ug/L			06/14/12 18:35	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			06/14/12 18:35	1
Acetone	8.1	J	10	5.0	ug/L			06/14/12 18:35	1
2-Butanone (MEK)	ND		10	5.0	ug/L			06/14/12 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			06/14/12 18:35	1
2-Hexanone	ND		10	5.0	ug/L			06/14/12 18:35	1
Trichloroethene	ND		0.50	0.37	ug/L			06/14/12 18:35	1
Xylenes, Total	ND		0.50	0.27	ug/L			06/14/12 18:35	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			06/14/12 18:35	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			06/14/12 18:35	1
Diisopropyl ether	ND		0.50	0.28	ug/L			06/14/12 18:35	1
Freon 113	ND		0.50	0.15	ug/L			06/14/12 18:35	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			06/14/12 18:35	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			06/14/12 18:35	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			06/14/12 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	117		70 - 130					06/14/12 18:35	1
1,2-Dichlorobenzene-d4	113		70 - 130					06/14/12 18:35	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79962-4

Date Collected: 05/31/12 12:00

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			06/12/12 17:40	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			06/12/12 17:40	1
Chlorobenzene	ND		0.50	0.27	ug/L			06/12/12 17:40	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			06/12/12 17:40	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			06/12/12 17:40	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			06/12/12 17:40	1

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79962-4

Date Collected: 05/31/12 12:00

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.32	ug/L			06/12/12 17:40	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			06/12/12 17:40	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			06/12/12 17:40	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			06/12/12 17:40	1
Ethylbenzene	ND		0.50	0.12	ug/L			06/12/12 17:40	1
Methylene Chloride	ND		0.50	0.36	ug/L			06/12/12 17:40	1
Styrene	ND		0.50	0.28	ug/L			06/12/12 17:40	1
Tetrachloroethene	ND		0.50	0.30	ug/L			06/12/12 17:40	1
Toluene	ND		0.50	0.23	ug/L			06/12/12 17:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			06/12/12 17:40	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			06/12/12 17:40	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			06/12/12 17:40	1
Vinyl chloride	ND		0.50	0.33	ug/L			06/12/12 17:40	1
Chloroform	ND		0.50	0.29	ug/L			06/12/12 17:40	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			06/12/12 17:40	1
Bromoform	ND		0.50	0.39	ug/L			06/12/12 17:40	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			06/12/12 17:40	1
Bromobenzene	ND		0.50	0.42	ug/L			06/12/12 17:40	1
Chlorobromomethane	ND		0.50	0.30	ug/L			06/12/12 17:40	1
Bromomethane	ND		1.0	0.45	ug/L			06/12/12 17:40	1
n-Butylbenzene	ND		0.50	0.17	ug/L			06/12/12 17:40	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			06/12/12 17:40	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			06/12/12 17:40	1
Chloroethane	ND		1.0	0.33	ug/L			06/12/12 17:40	1
Chloromethane	ND		0.50	0.32	ug/L			06/12/12 17:40	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			06/12/12 17:40	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			06/12/12 17:40	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			06/12/12 17:40	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			06/12/12 17:40	1
Dibromomethane	ND		0.50	0.38	ug/L			06/12/12 17:40	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			06/12/12 17:40	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			06/12/12 17:40	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			06/12/12 17:40	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			06/12/12 17:40	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			06/12/12 17:40	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			06/12/12 17:40	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			06/12/12 17:40	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			06/12/12 17:40	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			06/12/12 17:40	1
Isopropylbenzene	ND		0.50	0.15	ug/L			06/12/12 17:40	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			06/12/12 17:40	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			06/12/12 17:40	1
Naphthalene	ND		1.0	0.43	ug/L			06/12/12 17:40	1
N-Propylbenzene	ND		0.50	0.17	ug/L			06/12/12 17:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			06/12/12 17:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			06/12/12 17:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			06/12/12 17:40	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			06/12/12 17:40	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			06/12/12 17:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			06/12/12 17:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			06/12/12 17:40	1

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Wedron Groundwater Contamination

TestAmerica Job ID: 680-79962-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-79962-4

Date Collected: 05/31/12 12:00

Matrix: Water

Date Received: 06/01/12 09:59

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50	0.27	ug/L			06/12/12 17:40	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			06/12/12 17:40	1
Acetone	ND		10	5.0	ug/L			06/12/12 17:40	1
2-Butanone (MEK)	ND		10	5.0	ug/L			06/12/12 17:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			06/12/12 17:40	1
2-Hexanone	ND		10	5.0	ug/L			06/12/12 17:40	1
Trichloroethene	ND		0.50	0.37	ug/L			06/12/12 17:40	1
Xylenes, Total	ND		0.50	0.27	ug/L			06/12/12 17:40	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			06/12/12 17:40	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			06/12/12 17:40	1
Diisopropyl ether	ND		0.50	0.28	ug/L			06/12/12 17:40	1
Freon 113	ND		0.50	0.15	ug/L			06/12/12 17:40	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			06/12/12 17:40	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			06/12/12 17:40	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			06/12/12 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130					06/12/12 17:40	1
1,2-Dichlorobenzene-d4	94		70 - 130					06/12/12 17:40	1

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: August 15, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-81533-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for eleven soil samples, two water samples, and two trip blanks collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Methods SW-846 8260B and 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHODS SW-846 8260B AND 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-GP10-16-072312	680-81533-1	Soil	7/23/2012	8/4/2012
WGS-TMW6-06-072412	680-81533-2	Soil	7/24/2012	8/3/2012
WGS-TMW8-08-072412	680-81533-3	Soil	7/24/2012	8/3/2012
WGS-GP16-20-072412	680-81533-4	Soil	7/24/2012	8/3/2012
WGS-GP16-20-072412D	680-81533-5	Soil	7/24/2012	8/3/2012
WGS-GP17-12-072512	680-81533-6	Soil	7/25/2012	8/2/2012
WGS-GP17-20-072512	680-81533-7	Soil	7/25/2012	8/8/2012
WGS-GP19-GW-072512	680-81533-8	Water	7/25/2012	7/27/2012
WGS-GP19-GW-072512D	680-81533-9	Water	7/25/2012	7/27/2012
WGS-GP18-21-072512	680-81533-10	Soil	7/25/2012	8/4/2012
WGS-GP11-18-072512	680-81533-11	Soil	7/25/2012	8/4/2012
WGS-GP05-03-072612	680-81533-12	Soil	7/26/2012	8/4/2012
WGS-GP05-11-072612	680-81533-13	Soil	7/26/2012	8/4/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
Trip Blank	680-81533-14	Water	7/26/2012	7/27/2012
Trip Blank	680-81533-15	Water	7/26/2012	7/27/2012

2. **Holding Times**

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. **Blanks**

Method blanks were analyzed with the VOC analyses and were free of target compound contamination above the reporting limit.

The trip blanks contained no target compounds above the reporting limits.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established quality control (QC) limits except for as follows. In a few samples, the surrogates were not recovered due to high dilutions. No qualifications are required in these instances.

5. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD) except for as follows.

In one LCS, the recoveries for bromomethane and chloroethane were detected slightly below the QC limit. In another LCS, bromoform; 1,2-dibromo-3-chloropropane; and trichlorofluoromethane were detected slightly above the QC limits for recovery. Because these compounds weren't detected in the samples and the infraction was slight, no qualifications were applied.

6. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

An MS and MSD were analyzed with the VOC analyses using sample WGS-GP19-GW-072512as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

Sample WGS-GP16-20-072412D is a field duplicate of sample WGS-GP16-20-072412 and sample WGS-GP19-GW-072512D is a field duplicate of sample WGS-GP19-GW-072512.

For field duplicate WGS-GP16-20-072412D and its parent sample, a few compounds were detected below the reporting limit and are considered estimated. RPDs between the results were somewhat high; however, given that the results are already considered estimated; further data qualification is not required.

For field duplicate WGS-GP19-GW-07251 and its parent sample, the VOC results were non-detect in both samples indicating good correlation between the two samples.

8. **Overall Assessment**

TestAmerica flagged some VOC results with a “J” because they were detected below the reporting limit. These flagged data are considered estimated.

The VOC data are acceptable for use as qualified based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-81533-1

ATTACHMENT

TESTAMERICA

RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Glossary

Abbreviation	These are the only abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP10-16-072312

Lab Sample ID: 680-81533-1

Date Collected: 07/23/12 15:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		530	100	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Chloromethane	ND		530	110	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Vinyl chloride	ND		530	160	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Bromomethane	ND	*	530	160	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Chloroethane	ND	*	530	290	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Trichlorofluoromethane	ND	*	530	130	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1-Dichloroethene	ND		530	160	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		530	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Acetone	ND		5300	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Carbon disulfide	ND		530	120	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Methyl acetate	ND		1100	530	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Methylene Chloride	ND		530	100	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
trans-1,2-Dichloroethene	ND		530	67	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Methyl tert-butyl ether	ND		1100	110	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1-Dichloroethane	ND		530	120	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
cis-1,2-Dichloroethene	ND		530	150	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
2-Butanone	ND		2700	260	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Chloroform	ND		530	120	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1,1-Trichloroethane	ND		530	63	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Cyclohexane	ND		1100	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Carbon tetrachloride	ND		530	88	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Benzene	ND		530	78	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2-Dichloroethane	ND		530	120	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Trichloroethene	ND		530	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Methylcyclohexane	850	J	1100	91	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2-Dichloropropane	ND		530	91	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Bromodichloromethane	ND		530	100	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
cis-1,3-Dichloropropene	ND		530	88	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
4-Methyl-2-pentanone	ND		2700	450	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Toluene	ND		530	89	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
trans-1,3-Dichloropropene	ND		530	92	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1,2-Trichloroethane	ND		530	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Tetrachloroethene	ND		530	200	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
2-Hexanone	ND		2700	350	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Dibromochloromethane	ND		530	180	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2-Dibromoethane	ND		530	160	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Chlorobenzene	ND		530	100	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Ethylbenzene	ND		530	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Xylenes, Total	760	J	1100	120	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Styrene	ND		530	99	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Bromoform	ND		530	160	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Isopropylbenzene	430	J	530	200	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,1,2,2-Tetrachloroethane	ND		530	170	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,3-Dichlorobenzene	ND		530	170	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,4-Dichlorobenzene	ND		530	79	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2-Dichlorobenzene	ND		530	140	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2-Dibromo-3-Chloropropane	ND		1100	470	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
1,2,4-Trichlorobenzene	ND		530	95	ug/Kg	☼	07/27/12 11:40	08/04/12 21:45	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		65 - 130				07/27/12 11:40	08/04/12 21:45	40

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP10-16-072312

Lab Sample ID: 680-81533-1

Date Collected: 07/23/12 15:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	126		65 - 130	07/27/12 11:40	08/04/12 21:45	40
Dibromofluoromethane	118		65 - 130	07/27/12 11:40	08/04/12 21:45	40

Client Sample ID: WGS-TMW6-06-072412

Lab Sample ID: 680-81533-2

Date Collected: 07/24/12 08:50

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 94.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.1	0.77	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Chloromethane	ND		4.1	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Vinyl chloride	ND		4.1	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Bromomethane	ND		4.1	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Chloroethane	ND		4.1	2.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Trichlorofluoromethane	ND		4.1	0.98	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,1-Dichloroethene	ND		4.1	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Acetone	ND		41	9.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Carbon disulfide	1.4	J	4.1	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Methyl acetate	ND		8.2	4.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Methylene Chloride	ND		4.1	0.80	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
trans-1,2-Dichloroethene	ND		4.1	0.51	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Methyl tert-butyl ether	ND		8.2	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,1-Dichloroethane	ND		4.1	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
cis-1,2-Dichloroethene	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
2-Butanone	ND		20	2.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Chloroform	ND		4.1	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,1,1-Trichloroethane	ND		4.1	0.48	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Cyclohexane	3.0	J	8.2	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Carbon tetrachloride	ND		4.1	0.68	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Benzene	ND		4.1	0.60	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2-Dichloroethane	ND		4.1	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Trichloroethene	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Methylcyclohexane	0.75	J	8.2	0.70	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2-Dichloropropane	ND		4.1	0.70	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Bromodichloromethane	ND		4.1	0.79	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
cis-1,3-Dichloropropene	ND		4.1	0.68	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
4-Methyl-2-pentanone	ND		20	3.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Toluene	ND		4.1	0.68	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
trans-1,3-Dichloropropene	ND		4.1	0.71	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,1,2-Trichloroethane	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Tetrachloroethene	ND		4.1	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
2-Hexanone	ND		20	2.7	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Dibromochloromethane	ND		4.1	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2-Dibromoethane	ND		4.1	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Chlorobenzene	ND		4.1	0.78	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Ethylbenzene	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Xylenes, Total	2.4	J	8.2	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Styrene	ND		4.1	0.76	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Bromoform	ND	*	4.1	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Isopropylbenzene	ND		4.1	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-TMW6-06-072412

Lab Sample ID: 680-81533-2

Date Collected: 07/24/12 08:50

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 94.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.1	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,3-Dichlorobenzene	ND		4.1	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,4-Dichlorobenzene	ND		4.1	0.60	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2-Dichlorobenzene	ND		4.1	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2-Dibromo-3-Chloropropane	ND	*	8.2	3.6	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
1,2,4-Trichlorobenzene	ND		4.1	0.73	ug/Kg	☼	07/27/12 11:40	08/03/12 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		65 - 130				07/27/12 11:40	08/03/12 21:20	1
4-Bromofluorobenzene	94		65 - 130				07/27/12 11:40	08/03/12 21:20	1
Dibromofluoromethane	103		65 - 130				07/27/12 11:40	08/03/12 21:20	1

Client Sample ID: WGS-TMW8-08-072412

Lab Sample ID: 680-81533-3

Date Collected: 07/24/12 11:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 86.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.7	0.89	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Chloromethane	ND		4.7	0.95	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Vinyl chloride	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Bromomethane	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Chloroethane	ND		4.7	2.6	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Trichlorofluoromethane	ND		4.7	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1-Dichloroethene	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Acetone	ND		47	10	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Carbon disulfide	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Methyl acetate	ND		9.5	4.7	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Methylene Chloride	ND		4.7	0.93	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
trans-1,2-Dichloroethene	ND		4.7	0.60	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Methyl tert-butyl ether	ND		9.5	0.95	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1-Dichloroethane	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
cis-1,2-Dichloroethene	ND		4.7	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
2-Butanone	ND		24	2.3	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Chloroform	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1,1-Trichloroethane	ND		4.7	0.56	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Cyclohexane	4.1	J	9.5	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Carbon tetrachloride	ND		4.7	0.79	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Benzene	ND		4.7	0.69	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2-Dichloroethane	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Trichloroethene	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Methylcyclohexane	1.1	J	9.5	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2-Dichloropropane	ND		4.7	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Bromodichloromethane	ND		4.7	0.92	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
cis-1,3-Dichloropropene	ND		4.7	0.79	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
4-Methyl-2-pentanone	ND		24	4.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Toluene	ND		4.7	0.80	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
trans-1,3-Dichloropropene	ND		4.7	0.83	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1,2-Trichloroethane	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Tetrachloroethene	ND		4.7	1.8	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-TMW8-08-072412

Lab Sample ID: 680-81533-3

Date Collected: 07/24/12 11:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 86.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		24	3.1	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Dibromochloromethane	ND		4.7	1.6	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2-Dibromoethane	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Chlorobenzene	ND		4.7	0.91	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Ethylbenzene	1.4	J	4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Xylenes, Total	3.8	J	9.5	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Styrene	ND		4.7	0.88	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Bromoform	ND	*	4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Isopropylbenzene	ND		4.7	1.8	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,1,2,2-Tetrachloroethane	ND		4.7	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,3-Dichlorobenzene	ND		4.7	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,4-Dichlorobenzene	ND		4.7	0.70	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2-Dichlorobenzene	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2-Dibromo-3-Chloropropane	ND	*	9.5	4.2	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
1,2,4-Trichlorobenzene	ND		4.7	0.85	ug/Kg	☼	07/27/12 11:40	08/03/12 21:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	99		65 - 130				07/27/12 11:40	08/03/12 21:44	1
<i>4-Bromofluorobenzene</i>	88		65 - 130				07/27/12 11:40	08/03/12 21:44	1
<i>Dibromofluoromethane</i>	99		65 - 130				07/27/12 11:40	08/03/12 21:44	1

Client Sample ID: WGS-GP16-20-072412

Lab Sample ID: 680-81533-4

Date Collected: 07/24/12 17:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.7	0.88	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Chloromethane	ND		4.7	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Vinyl chloride	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Bromomethane	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Chloroethane	ND		4.7	2.5	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Trichlorofluoromethane	ND		4.7	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1-Dichloroethene	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Acetone	11	J	47	10	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Carbon disulfide	1.3	J	4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Methyl acetate	ND		9.4	4.7	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Methylene Chloride	ND		4.7	0.92	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
trans-1,2-Dichloroethene	ND		4.7	0.59	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Methyl tert-butyl ether	ND		9.4	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1-Dichloroethane	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
cis-1,2-Dichloroethene	ND		4.7	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
2-Butanone	ND		24	2.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Chloroform	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1,1-Trichloroethane	ND		4.7	0.55	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Cyclohexane	ND		9.4	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Carbon tetrachloride	ND		4.7	0.78	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Benzene	ND		4.7	0.69	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2-Dichloroethane	ND		4.7	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Trichloroethene	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP16-20-072412

Lab Sample ID: 680-81533-4

Date Collected: 07/24/12 17:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		9.4	0.81	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2-Dichloropropane	ND		4.7	0.81	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Bromodichloromethane	ND		4.7	0.91	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
cis-1,3-Dichloropropene	ND		4.7	0.78	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
4-Methyl-2-pentanone	ND		24	4.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Toluene	ND		4.7	0.79	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
trans-1,3-Dichloropropene	ND		4.7	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1,2-Trichloroethane	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Tetrachloroethene	ND		4.7	1.8	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
2-Hexanone	ND		24	3.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Dibromochloromethane	ND		4.7	1.6	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2-Dibromoethane	ND		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Chlorobenzene	ND		4.7	0.90	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Ethylbenzene	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Xylenes, Total	ND		9.4	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Styrene	ND		4.7	0.87	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Bromoform	ND *		4.7	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Isopropylbenzene	ND		4.7	1.8	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,1,2,2-Tetrachloroethane	ND		4.7	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,3-Dichlorobenzene	ND		4.7	1.5	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,4-Dichlorobenzene	ND		4.7	0.70	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2-Dichlorobenzene	ND		4.7	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2-Dibromo-3-Chloropropane	ND *		9.4	4.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
1,2,4-Trichlorobenzene	ND		4.7	0.84	ug/Kg	☼	07/27/12 11:40	08/03/12 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	101		65 - 130				07/27/12 11:40	08/03/12 22:08	1
<i>4-Bromofluorobenzene</i>	102		65 - 130				07/27/12 11:40	08/03/12 22:08	1
<i>Dibromofluoromethane</i>	104		65 - 130				07/27/12 11:40	08/03/12 22:08	1

Client Sample ID: WGS-GP16-20-072412D

Lab Sample ID: 680-81533-5

Date Collected: 07/24/12 17:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 93.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.3	0.80	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Chloromethane	ND		4.3	0.85	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Vinyl chloride	ND		4.3	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Bromomethane	ND		4.3	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Chloroethane	ND		4.3	2.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Trichlorofluoromethane	ND		4.3	1.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1-Dichloroethene	ND		4.3	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Acetone	17	J	43	9.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Carbon disulfide	4.7		4.3	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Methyl acetate	ND		8.5	4.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Methylene Chloride	ND		4.3	0.83	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
trans-1,2-Dichloroethene	ND		4.3	0.54	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Methyl tert-butyl ether	ND		8.5	0.85	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1-Dichloroethane	ND		4.3	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP16-20-072412D

Lab Sample ID: 680-81533-5

Date Collected: 07/24/12 17:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 93.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		4.3	1.2	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
2-Butanone	ND		21	2.0	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Chloroform	ND		4.3	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1,1-Trichloroethane	ND		4.3	0.50	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Cyclohexane	ND		8.5	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Carbon tetrachloride	ND		4.3	0.71	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Benzene	ND		4.3	0.62	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2-Dichloroethane	ND		4.3	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Trichloroethene	ND		4.3	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Methylcyclohexane	ND		8.5	0.73	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2-Dichloropropane	ND		4.3	0.73	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Bromodichloromethane	ND		4.3	0.83	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
cis-1,3-Dichloropropene	ND		4.3	0.71	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
4-Methyl-2-pentanone	ND		21	3.6	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Toluene	ND		4.3	0.72	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
trans-1,3-Dichloropropene	ND		4.3	0.74	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1,1,2-Trichloroethane	ND		4.3	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Tetrachloroethene	ND		4.3	1.6	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
2-Hexanone	ND		21	2.8	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Dibromochloromethane	ND		4.3	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2-Dibromoethane	ND		4.3	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Chlorobenzene	ND		4.3	0.82	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Ethylbenzene	ND		4.3	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Xylenes, Total	2.3	J	8.5	0.94	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Styrene	ND		4.3	0.79	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Bromoform	ND	*	4.3	1.3	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
Isopropylbenzene	ND		4.3	1.6	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,1,1,2-Tetrachloroethane	ND		4.3	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,3-Dichlorobenzene	ND		4.3	1.4	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,4-Dichlorobenzene	ND		4.3	0.63	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2-Dichlorobenzene	ND		4.3	1.1	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2-Dibromo-3-Chloropropane	ND	*	8.5	3.7	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1
1,2,4-Trichlorobenzene	ND		4.3	0.76	ug/Kg	☼	07/27/12 11:40	08/03/12 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		65 - 130	07/27/12 11:40	08/03/12 22:31	1
4-Bromofluorobenzene	92		65 - 130	07/27/12 11:40	08/03/12 22:31	1
Dibromofluoromethane	108		65 - 130	07/27/12 11:40	08/03/12 22:31	1

Client Sample ID: WGS-GP17-12-072512

Lab Sample ID: 680-81533-6

Date Collected: 07/25/12 09:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 79.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		410	77	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Chloromethane	ND		410	82	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Vinyl chloride	ND		410	120	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Bromomethane	ND	*	410	120	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Chloroethane	ND	*	410	220	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Trichlorofluoromethane	ND		410	98	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP17-12-072512

Lab Sample ID: 680-81533-6

Date Collected: 07/25/12 09:00

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 79.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		410	120	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Acetone	ND		4100	900	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Carbon disulfide	ND		410	90	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Methyl acetate	ND		820	410	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Methylene Chloride	ND		410	80	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
trans-1,2-Dichloroethene	ND		410	52	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Methyl tert-butyl ether	ND		820	82	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,1-Dichloroethane	ND		410	90	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
cis-1,2-Dichloroethene	ND		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
2-Butanone	ND		2000	200	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Chloroform	ND		410	90	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,1,1-Trichloroethane	ND		410	48	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Cyclohexane	ND		820	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Carbon tetrachloride	ND		410	68	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Benzene	ND		410	60	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2-Dichloroethane	ND		410	90	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Trichloroethene	ND		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Methylcyclohexane	2700		820	70	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2-Dichloropropane	ND		410	70	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Bromodichloromethane	ND		410	79	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
cis-1,3-Dichloropropene	ND		410	68	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
4-Methyl-2-pentanone	ND		2000	340	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Toluene	ND		410	69	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
trans-1,3-Dichloropropene	ND		410	71	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,1,2-Trichloroethane	ND		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Tetrachloroethene	ND		410	160	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
2-Hexanone	900 J		2000	270	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Dibromochloromethane	ND		410	140	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2-Dibromoethane	ND		410	120	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Chlorobenzene	ND		410	79	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Ethylbenzene	950		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Xylenes, Total	2600		820	90	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Styrene	ND		410	76	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Bromoform	ND		410	120	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Isopropylbenzene	350 J		410	160	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,1,2,2-Tetrachloroethane	ND		410	130	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,3-Dichlorobenzene	ND		410	130	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,4-Dichlorobenzene	ND		410	61	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2-Dichlorobenzene	ND		410	110	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2-Dibromo-3-Chloropropane	ND		820	360	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
1,2,4-Trichlorobenzene	ND		410	73	ug/Kg	☼	07/27/12 11:40	08/02/12 19:44	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		65 - 130				07/27/12 11:40	08/02/12 19:44	40
4-Bromofluorobenzene	102		65 - 130				07/27/12 11:40	08/02/12 19:44	40
Dibromofluoromethane	103		65 - 130				07/27/12 11:40	08/02/12 19:44	40

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP17-20-072512

Lab Sample ID: 680-81533-7

Date Collected: 07/25/12 09:05

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		3900	740	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Chloromethane	ND		3900	780	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Vinyl chloride	ND		3900	1200	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Bromomethane	ND		3900	1200	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Chloroethane	ND	*	3900	2100	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Trichlorofluoromethane	ND		3900	940	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1-Dichloroethene	ND		3900	1200	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3900	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Acetone	ND		39000	8600	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Carbon disulfide	ND		3900	860	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Methyl acetate	ND		7800	3900	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Methylene Chloride	ND		3900	770	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
trans-1,2-Dichloroethene	ND		3900	490	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Methyl tert-butyl ether	ND		7800	780	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1-Dichloroethane	ND		3900	860	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
cis-1,2-Dichloroethene	ND		3900	1100	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
2-Butanone	ND		20000	1900	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Chloroform	2700	J	3900	860	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1,1-Trichloroethane	ND		3900	460	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Cyclohexane	ND		7800	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Carbon tetrachloride	ND		3900	650	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Benzene	650	J	3900	570	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2-Dichloroethane	ND		3900	860	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Trichloroethene	ND		3900	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Methylcyclohexane	47000		7800	670	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2-Dichloropropane	ND		3900	670	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Bromodichloromethane	ND		3900	760	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
cis-1,3-Dichloropropene	ND		3900	650	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
4-Methyl-2-pentanone	ND		20000	3300	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Toluene	12000		3900	660	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
trans-1,3-Dichloropropene	ND		3900	680	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1,2-Trichloroethane	ND		3900	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Tetrachloroethene	ND		3900	1500	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
2-Hexanone	21000		20000	2600	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Dibromochloromethane	ND		3900	1300	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2-Dibromoethane	ND		3900	1200	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Chlorobenzene	ND		3900	750	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Ethylbenzene	110000		3900	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Xylenes, Total	350000		7800	860	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Styrene	ND		3900	730	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Bromoform	ND		3900	1200	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Isopropylbenzene	10000		3900	1500	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,1,1,2-Tetrachloroethane	ND		3900	1300	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,3-Dichlorobenzene	ND		3900	1300	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,4-Dichlorobenzene	ND		3900	580	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2-Dichlorobenzene	ND		3900	1000	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2-Dibromo-3-Chloropropane	ND		7800	3400	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
1,2,4-Trichlorobenzene	ND		3900	700	ug/Kg	☼	07/27/12 11:40	08/08/12 20:28	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	0	D	65 - 130				07/27/12 11:40	08/08/12 20:28	500

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP17-20-072512

Lab Sample ID: 680-81533-7

Date Collected: 07/25/12 09:05

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	0	D	65 - 130	07/27/12 11:40	08/08/12 20:28	500
Dibromofluoromethane	0	D	65 - 130	07/27/12 11:40	08/08/12 20:28	500

Client Sample ID: WGS-GP19-GW-072512

Lab Sample ID: 680-81533-8

Date Collected: 07/25/12 11:10

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			07/27/12 19:15	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			07/27/12 19:15	1
Chlorobenzene	ND		0.50	0.27	ug/L			07/27/12 19:15	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			07/27/12 19:15	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 19:15	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			07/27/12 19:15	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			07/27/12 19:15	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			07/27/12 19:15	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			07/27/12 19:15	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			07/27/12 19:15	1
Ethylbenzene	ND		0.50	0.12	ug/L			07/27/12 19:15	1
Methylene Chloride	ND		0.50	0.36	ug/L			07/27/12 19:15	1
Styrene	ND		0.50	0.28	ug/L			07/27/12 19:15	1
Tetrachloroethene	ND		0.50	0.30	ug/L			07/27/12 19:15	1
Toluene	ND		0.50	0.23	ug/L			07/27/12 19:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 19:15	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			07/27/12 19:15	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			07/27/12 19:15	1
Vinyl chloride	ND		0.50	0.33	ug/L			07/27/12 19:15	1
Chloroform	ND		0.50	0.29	ug/L			07/27/12 19:15	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			07/27/12 19:15	1
Bromoform	ND		0.50	0.39	ug/L			07/27/12 19:15	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			07/27/12 19:15	1
Bromobenzene	ND		0.50	0.42	ug/L			07/27/12 19:15	1
Chlorobromomethane	ND		0.50	0.30	ug/L			07/27/12 19:15	1
Bromomethane	ND		1.0	0.45	ug/L			07/27/12 19:15	1
n-Butylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:15	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 19:15	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 19:15	1
Chloroethane	ND		1.0	0.33	ug/L			07/27/12 19:15	1
Chloromethane	0.60		0.50	0.32	ug/L			07/27/12 19:15	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			07/27/12 19:15	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			07/27/12 19:15	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			07/27/12 19:15	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			07/27/12 19:15	1
Dibromomethane	ND		0.50	0.38	ug/L			07/27/12 19:15	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 19:15	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			07/27/12 19:15	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			07/27/12 19:15	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			07/27/12 19:15	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			07/27/12 19:15	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			07/27/12 19:15	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP19-GW-072512

Lab Sample ID: 680-81533-8

Date Collected: 07/25/12 11:10

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			07/27/12 19:15	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			07/27/12 19:15	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			07/27/12 19:15	1
Isopropylbenzene	ND		0.50	0.15	ug/L			07/27/12 19:15	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			07/27/12 19:15	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			07/27/12 19:15	1
Naphthalene	ND		1.0	0.43	ug/L			07/27/12 19:15	1
N-Propylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:15	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			07/27/12 19:15	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			07/27/12 19:15	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 19:15	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			07/27/12 19:15	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			07/27/12 19:15	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:15	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			07/27/12 19:15	1
o-Xylene	ND		0.50	0.27	ug/L			07/27/12 19:15	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			07/27/12 19:15	1
Acetone	ND		10	5.0	ug/L			07/27/12 19:15	1
2-Butanone (MEK)	ND		10	5.0	ug/L			07/27/12 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			07/27/12 19:15	1
2-Hexanone	ND		10	5.0	ug/L			07/27/12 19:15	1
Trichloroethene	ND		0.50	0.37	ug/L			07/27/12 19:15	1
Xylenes, Total	ND		0.50	0.27	ug/L			07/27/12 19:15	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			07/27/12 19:15	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			07/27/12 19:15	1
Diisopropyl ether	ND		0.50	0.28	ug/L			07/27/12 19:15	1
Freon 113	ND		0.50	0.15	ug/L			07/27/12 19:15	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			07/27/12 19:15	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			07/27/12 19:15	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			07/27/12 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		70 - 130		07/27/12 19:15	1
1,2-Dichlorobenzene-d4	81		70 - 130		07/27/12 19:15	1

Client Sample ID: WGS-GP19-GW-072512D

Lab Sample ID: 680-81533-9

Date Collected: 07/25/12 11:12

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			07/27/12 19:42	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			07/27/12 19:42	1
Chlorobenzene	ND		0.50	0.27	ug/L			07/27/12 19:42	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			07/27/12 19:42	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 19:42	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			07/27/12 19:42	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			07/27/12 19:42	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			07/27/12 19:42	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			07/27/12 19:42	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			07/27/12 19:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP19-GW-072512D

Lab Sample ID: 680-81533-9

Date Collected: 07/25/12 11:12

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.12	ug/L			07/27/12 19:42	1
Methylene Chloride	ND		0.50	0.36	ug/L			07/27/12 19:42	1
Styrene	ND		0.50	0.28	ug/L			07/27/12 19:42	1
Tetrachloroethene	ND		0.50	0.30	ug/L			07/27/12 19:42	1
Toluene	ND		0.50	0.23	ug/L			07/27/12 19:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 19:42	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			07/27/12 19:42	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			07/27/12 19:42	1
Vinyl chloride	ND		0.50	0.33	ug/L			07/27/12 19:42	1
Chloroform	ND		0.50	0.29	ug/L			07/27/12 19:42	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			07/27/12 19:42	1
Bromoform	ND		0.50	0.39	ug/L			07/27/12 19:42	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			07/27/12 19:42	1
Bromobenzene	ND		0.50	0.42	ug/L			07/27/12 19:42	1
Chlorobromomethane	ND		0.50	0.30	ug/L			07/27/12 19:42	1
Bromomethane	ND		1.0	0.45	ug/L			07/27/12 19:42	1
n-Butylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:42	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 19:42	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 19:42	1
Chloroethane	ND		1.0	0.33	ug/L			07/27/12 19:42	1
Chloromethane	0.64		0.50	0.32	ug/L			07/27/12 19:42	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			07/27/12 19:42	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			07/27/12 19:42	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			07/27/12 19:42	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			07/27/12 19:42	1
Dibromomethane	ND		0.50	0.38	ug/L			07/27/12 19:42	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 19:42	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			07/27/12 19:42	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			07/27/12 19:42	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			07/27/12 19:42	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			07/27/12 19:42	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			07/27/12 19:42	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			07/27/12 19:42	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			07/27/12 19:42	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			07/27/12 19:42	1
Isopropylbenzene	ND		0.50	0.15	ug/L			07/27/12 19:42	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			07/27/12 19:42	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			07/27/12 19:42	1
Naphthalene	ND		1.0	0.43	ug/L			07/27/12 19:42	1
N-Propylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			07/27/12 19:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			07/27/12 19:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 19:42	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			07/27/12 19:42	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			07/27/12 19:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			07/27/12 19:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			07/27/12 19:42	1
o-Xylene	ND		0.50	0.27	ug/L			07/27/12 19:42	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			07/27/12 19:42	1
Acetone	ND		10	5.0	ug/L			07/27/12 19:42	1
2-Butanone (MEK)	ND		10	5.0	ug/L			07/27/12 19:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP19-GW-072512D

Lab Sample ID: 680-81533-9

Date Collected: 07/25/12 11:12

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			07/27/12 19:42	1
2-Hexanone	ND		10	5.0	ug/L			07/27/12 19:42	1
Trichloroethene	ND		0.50	0.37	ug/L			07/27/12 19:42	1
Xylenes, Total	ND		0.50	0.27	ug/L			07/27/12 19:42	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			07/27/12 19:42	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			07/27/12 19:42	1
Diisopropyl ether	ND		0.50	0.28	ug/L			07/27/12 19:42	1
Freon 113	ND		0.50	0.15	ug/L			07/27/12 19:42	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			07/27/12 19:42	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			07/27/12 19:42	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			07/27/12 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		70 - 130		07/27/12 19:42	1
1,2-Dichlorobenzene-d4	84		70 - 130		07/27/12 19:42	1

Client Sample ID: WGS-GP18-21-072512

Lab Sample ID: 680-81533-10

Date Collected: 07/25/12 12:35

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		360	67	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Chloromethane	ND		360	71	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Vinyl chloride	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Bromomethane	ND	*	360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Chloroethane	ND	*	360	190	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Trichlorofluoromethane	ND	*	360	86	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1-Dichloroethene	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		360	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Acetone	ND		3600	780	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Carbon disulfide	ND		360	78	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Methyl acetate	ND		710	360	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Methylene Chloride	ND		360	70	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
trans-1,2-Dichloroethene	ND		360	45	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Methyl tert-butyl ether	ND		710	71	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1-Dichloroethane	ND		360	78	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
cis-1,2-Dichloroethene	ND		360	100	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
2-Butanone	ND		1800	170	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Chloroform	ND		360	78	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1,1-Trichloroethane	ND		360	42	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Cyclohexane	2300		710	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Carbon tetrachloride	ND		360	59	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Benzene	ND		360	52	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2-Dichloroethane	ND		360	78	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Trichloroethene	ND		360	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Methylcyclohexane	ND		710	61	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2-Dichloropropane	ND		360	61	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Bromodichloromethane	ND		360	69	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
cis-1,3-Dichloropropene	ND		360	59	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
4-Methyl-2-pentanone	ND		1800	300	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP18-21-072512

Lab Sample ID: 680-81533-10

Date Collected: 07/25/12 12:35

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		360	60	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
trans-1,3-Dichloropropene	ND		360	62	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1,2-Trichloroethane	ND		360	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Tetrachloroethene	ND		360	140	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
2-Hexanone	ND		1800	240	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Dibromochloromethane	ND		360	120	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2-Dibromoethane	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Chlorobenzene	ND		360	68	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Ethylbenzene	ND		360	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Xylenes, Total	ND		710	78	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Styrene	ND		360	66	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Bromoform	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Isopropylbenzene	ND		360	140	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,1,2,2-Tetrachloroethane	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,3-Dichlorobenzene	ND		360	110	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,4-Dichlorobenzene	ND		360	53	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2-Dichlorobenzene	ND		360	93	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2-Dibromo-3-Chloropropane	ND		710	310	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
1,2,4-Trichlorobenzene	ND		360	63	ug/Kg	☼	07/27/12 11:40	08/04/12 22:33	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		65 - 130				07/27/12 11:40	08/04/12 22:33	40
4-Bromofluorobenzene	112		65 - 130				07/27/12 11:40	08/04/12 22:33	40
Dibromofluoromethane	114		65 - 130				07/27/12 11:40	08/04/12 22:33	40

Client Sample ID: WGS-GP11-18-072512

Lab Sample ID: 680-81533-11

Date Collected: 07/25/12 15:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		19000	3600	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Chloromethane	ND		19000	3800	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Vinyl chloride	ND		19000	5700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Bromomethane	ND	*	19000	5700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Chloroethane	ND	*	19000	10000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Trichlorofluoromethane	ND	*	19000	4600	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1-Dichloroethene	ND		19000	5700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		19000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Acetone	ND		190000	42000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Carbon disulfide	ND		19000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Methyl acetate	ND		38000	19000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Methylene Chloride	ND		19000	3700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
trans-1,2-Dichloroethene	ND		19000	2400	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Methyl tert-butyl ether	ND		38000	3800	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1-Dichloroethane	ND		19000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
cis-1,2-Dichloroethene	ND		19000	5300	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
2-Butanone	ND		95000	9100	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Chloroform	ND		19000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1,1-Trichloroethane	ND		19000	2200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Cyclohexane	ND		38000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP11-18-072512

Lab Sample ID: 680-81533-11

Date Collected: 07/25/12 15:45

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		19000	3200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Benzene	ND		19000	2800	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2-Dichloroethane	ND		19000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Trichloroethene	ND		19000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Methylcyclohexane	250000		38000	3300	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2-Dichloropropane	ND		19000	3300	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Bromodichloromethane	ND		19000	3700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
cis-1,3-Dichloropropene	ND		19000	3200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
4-Methyl-2-pentanone	ND		95000	16000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Toluene	6400 J		19000	3200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
trans-1,3-Dichloropropene	ND		19000	3300	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1,2-Trichloroethane	ND		19000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Tetrachloroethene	ND		19000	7200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
2-Hexanone	ND		95000	13000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Dibromochloromethane	ND		19000	6500	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2-Dibromoethane	ND		19000	5700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Chlorobenzene	ND		19000	3700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Ethylbenzene	490000		19000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Xylenes, Total	1500000		38000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Styrene	ND		19000	3500	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Bromoform	ND		19000	5700	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Isopropylbenzene	55000		19000	7200	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,1,2,2-Tetrachloroethane	ND		19000	6100	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,3-Dichlorobenzene	ND		19000	6100	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,4-Dichlorobenzene	ND		19000	2800	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2-Dichlorobenzene	ND		19000	5000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2-Dibromo-3-Chloropropane	ND		38000	17000	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
1,2,4-Trichlorobenzene	ND		19000	3400	ug/Kg	☼	07/27/12 11:40	08/04/12 22:57	2000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	0	D	65 - 130				07/27/12 11:40	08/04/12 22:57	2000
<i>4-Bromofluorobenzene</i>	0	D	65 - 130				07/27/12 11:40	08/04/12 22:57	2000
<i>Dibromofluoromethane</i>	0	D	65 - 130				07/27/12 11:40	08/04/12 22:57	2000

Client Sample ID: WGS-GP05-03-072612

Lab Sample ID: 680-81533-12

Date Collected: 07/26/12 08:30

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4200	780	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Chloromethane	ND		4200	830	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Vinyl chloride	ND		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Bromomethane	ND *		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Chloroethane	ND *		4200	2200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Trichlorofluoromethane	ND *		4200	1000	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1-Dichloroethene	ND		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4200	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Acetone	ND		42000	9100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Carbon disulfide	ND		4200	910	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Methyl acetate	ND		8300	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP05-03-072612

Lab Sample ID: 680-81533-12

Date Collected: 07/26/12 08:30

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		4200	810	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
trans-1,2-Dichloroethene	ND		4200	520	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Methyl tert-butyl ether	ND		8300	830	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1-Dichloroethane	ND		4200	910	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
cis-1,2-Dichloroethene	ND		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
2-Butanone	3500	J	21000	2000	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Chloroform	ND		4200	910	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1,1-Trichloroethane	ND		4200	490	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Cyclohexane	ND		8300	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Carbon tetrachloride	ND		4200	690	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Benzene	770	J	4200	610	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2-Dichloroethane	ND		4200	910	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Trichloroethene	ND		4200	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Methylcyclohexane	17000		8300	710	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2-Dichloropropane	ND		4200	710	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Bromodichloromethane	ND		4200	810	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
cis-1,3-Dichloropropene	ND		4200	690	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
4-Methyl-2-pentanone	ND		21000	3500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Toluene	5100		4200	700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
trans-1,3-Dichloropropene	ND		4200	720	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1,2-Trichloroethane	ND		4200	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Tetrachloroethene	ND		4200	1600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
2-Hexanone	ND		21000	2700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Dibromochloromethane	ND		4200	1400	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2-Dibromoethane	ND		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Chlorobenzene	ND		4200	800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Ethylbenzene	30000		4200	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Xylenes, Total	280000		8300	910	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Styrene	ND		4200	770	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Bromoform	ND		4200	1200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Isopropylbenzene	7300		4200	1600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,1,2,2-Tetrachloroethane	ND		4200	1300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,3-Dichlorobenzene	ND		4200	1300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,4-Dichlorobenzene	ND		4200	620	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2-Dichlorobenzene	ND		4200	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2-Dibromo-3-Chloropropane	ND		8300	3700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
1,2,4-Trichlorobenzene	ND		4200	740	ug/Kg	☼	07/27/12 11:40	08/04/12 23:21	400
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	0	D	65 - 130				07/27/12 11:40	08/04/12 23:21	400
4-Bromofluorobenzene	0	D	65 - 130				07/27/12 11:40	08/04/12 23:21	400
Dibromofluoromethane	0	D	65 - 130				07/27/12 11:40	08/04/12 23:21	400

Client Sample ID: WGS-GP05-11-072612

Lab Sample ID: 680-81533-13

Date Collected: 07/26/12 08:35

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		8800	1700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Chloromethane	ND		8800	1800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: WGS-GP05-11-072612

Lab Sample ID: 680-81533-13

Date Collected: 07/26/12 08:35

Matrix: Solid

Date Received: 07/27/12 09:26

Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		8800	2600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Bromomethane	ND	*	8800	2600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Chloroethane	ND	*	8800	4700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Trichlorofluoromethane	ND	*	8800	2100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1-Dichloroethene	ND		8800	2600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8800	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Acetone	ND		88000	19000	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Carbon disulfide	ND		8800	1900	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Methyl acetate	ND		18000	8800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Methylene Chloride	ND		8800	1700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
trans-1,2-Dichloroethene	ND		8800	1100	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Methyl tert-butyl ether	ND		18000	1800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1-Dichloroethane	ND		8800	1900	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
cis-1,2-Dichloroethene	ND		8800	2500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
2-Butanone	ND		44000	4200	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Chloroform	ND		8800	1900	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1,1-Trichloroethane	ND		8800	1000	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Cyclohexane	ND		18000	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Carbon tetrachloride	ND		8800	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Benzene	ND		8800	1300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2-Dichloroethane	ND		8800	1900	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Trichloroethene	ND		8800	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Methylcyclohexane	ND		18000	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2-Dichloropropane	ND		8800	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Bromodichloromethane	ND		8800	1700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
cis-1,3-Dichloropropene	ND		8800	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
4-Methyl-2-pentanone	ND		44000	7400	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Toluene	ND		8800	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
trans-1,3-Dichloropropene	ND		8800	1500	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1,2-Trichloroethane	ND		8800	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Tetrachloroethene	ND		8800	3300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
2-Hexanone	ND		44000	5800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Dibromochloromethane	ND		8800	3000	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2-Dibromoethane	ND		8800	2600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Chlorobenzene	ND		8800	1700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Ethylbenzene	ND		8800	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Xylenes, Total	ND		18000	1900	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Styrene	ND		8800	1600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Bromoform	ND		8800	2600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Isopropylbenzene	ND		8800	3300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,1,2,2-Tetrachloroethane	ND		8800	2800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,3-Dichlorobenzene	ND		8800	2800	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,4-Dichlorobenzene	ND		8800	1300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2-Dichlorobenzene	ND		8800	2300	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2-Dibromo-3-Chloropropane	ND		18000	7700	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
1,2,4-Trichlorobenzene	ND		8800	1600	ug/Kg	☼	07/27/12 11:40	08/04/12 23:45	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	0	D	65 - 130				07/27/12 11:40	08/04/12 23:45	1000
4-Bromofluorobenzene	0	D	65 - 130				07/27/12 11:40	08/04/12 23:45	1000
Dibromofluoromethane	0	D	65 - 130				07/27/12 11:40	08/04/12 23:45	1000

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81533-14

Date Collected: 07/26/12 00:00

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			07/27/12 18:47	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			07/27/12 18:47	1
Chlorobenzene	ND		0.50	0.27	ug/L			07/27/12 18:47	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			07/27/12 18:47	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 18:47	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			07/27/12 18:47	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			07/27/12 18:47	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			07/27/12 18:47	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			07/27/12 18:47	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			07/27/12 18:47	1
Ethylbenzene	ND		0.50	0.12	ug/L			07/27/12 18:47	1
Methylene Chloride	ND		0.50	0.36	ug/L			07/27/12 18:47	1
Styrene	ND		0.50	0.28	ug/L			07/27/12 18:47	1
Tetrachloroethene	ND		0.50	0.30	ug/L			07/27/12 18:47	1
Toluene	ND		0.50	0.23	ug/L			07/27/12 18:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			07/27/12 18:47	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			07/27/12 18:47	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			07/27/12 18:47	1
Vinyl chloride	ND		0.50	0.33	ug/L			07/27/12 18:47	1
Chloroform	ND		0.50	0.29	ug/L			07/27/12 18:47	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			07/27/12 18:47	1
Bromoform	ND		0.50	0.39	ug/L			07/27/12 18:47	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			07/27/12 18:47	1
Bromobenzene	ND		0.50	0.42	ug/L			07/27/12 18:47	1
Chlorobromomethane	ND		0.50	0.30	ug/L			07/27/12 18:47	1
Bromomethane	ND		1.0	0.45	ug/L			07/27/12 18:47	1
n-Butylbenzene	ND		0.50	0.17	ug/L			07/27/12 18:47	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 18:47	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			07/27/12 18:47	1
Chloroethane	ND		1.0	0.33	ug/L			07/27/12 18:47	1
Chloromethane	ND		0.50	0.32	ug/L			07/27/12 18:47	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			07/27/12 18:47	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			07/27/12 18:47	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			07/27/12 18:47	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			07/27/12 18:47	1
Dibromomethane	ND		0.50	0.38	ug/L			07/27/12 18:47	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 18:47	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			07/27/12 18:47	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			07/27/12 18:47	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			07/27/12 18:47	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			07/27/12 18:47	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			07/27/12 18:47	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			07/27/12 18:47	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			07/27/12 18:47	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			07/27/12 18:47	1
Isopropylbenzene	ND		0.50	0.15	ug/L			07/27/12 18:47	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			07/27/12 18:47	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			07/27/12 18:47	1
Naphthalene	ND		1.0	0.43	ug/L			07/27/12 18:47	1
N-Propylbenzene	ND		0.50	0.17	ug/L			07/27/12 18:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			07/27/12 18:47	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81533-14

Date Collected: 07/26/12 00:00

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			07/27/12 18:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			07/27/12 18:47	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			07/27/12 18:47	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			07/27/12 18:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			07/27/12 18:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			07/27/12 18:47	1
o-Xylene	ND		0.50	0.27	ug/L			07/27/12 18:47	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			07/27/12 18:47	1
Acetone	ND		10	5.0	ug/L			07/27/12 18:47	1
2-Butanone (MEK)	ND		10	5.0	ug/L			07/27/12 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			07/27/12 18:47	1
2-Hexanone	ND		10	5.0	ug/L			07/27/12 18:47	1
Trichloroethene	ND		0.50	0.37	ug/L			07/27/12 18:47	1
Xylenes, Total	ND		0.50	0.27	ug/L			07/27/12 18:47	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			07/27/12 18:47	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			07/27/12 18:47	1
Diisopropyl ether	ND		0.50	0.28	ug/L			07/27/12 18:47	1
Freon 113	ND		0.50	0.15	ug/L			07/27/12 18:47	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			07/27/12 18:47	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			07/27/12 18:47	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			07/27/12 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		70 - 130					07/27/12 18:47	1
1,2-Dichlorobenzene-d4	78		70 - 130					07/27/12 18:47	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81533-15

Date Collected: 07/26/12 00:00

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/01/12 16:32	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/01/12 16:32	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/01/12 16:32	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/01/12 16:32	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/01/12 16:32	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/01/12 16:32	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/01/12 16:32	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/01/12 16:32	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/01/12 16:32	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/01/12 16:32	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/01/12 16:32	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/01/12 16:32	1
Styrene	ND		0.50	0.28	ug/L			08/01/12 16:32	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/01/12 16:32	1
Toluene	ND		0.50	0.23	ug/L			08/01/12 16:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/01/12 16:32	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/01/12 16:32	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/01/12 16:32	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/01/12 16:32	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81533-15

Date Collected: 07/26/12 00:00

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			08/01/12 16:32	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/01/12 16:32	1
Bromoform	ND		0.50	0.39	ug/L			08/01/12 16:32	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/01/12 16:32	1
Bromobenzene	ND		0.50	0.42	ug/L			08/01/12 16:32	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/01/12 16:32	1
Bromomethane	ND		1.0	0.45	ug/L			08/01/12 16:32	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/01/12 16:32	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/01/12 16:32	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/01/12 16:32	1
Chloroethane	ND		1.0	0.33	ug/L			08/01/12 16:32	1
Chloromethane	ND		0.50	0.32	ug/L			08/01/12 16:32	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/01/12 16:32	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/01/12 16:32	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/01/12 16:32	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/01/12 16:32	1
Dibromomethane	ND		0.50	0.38	ug/L			08/01/12 16:32	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/01/12 16:32	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/01/12 16:32	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/01/12 16:32	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/01/12 16:32	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/01/12 16:32	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/01/12 16:32	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/01/12 16:32	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/01/12 16:32	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/01/12 16:32	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/01/12 16:32	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/01/12 16:32	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/01/12 16:32	1
Naphthalene	ND		1.0	0.43	ug/L			08/01/12 16:32	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/01/12 16:32	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/01/12 16:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/01/12 16:32	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/01/12 16:32	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/01/12 16:32	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/01/12 16:32	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/01/12 16:32	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/01/12 16:32	1
o-Xylene	ND		0.50	0.27	ug/L			08/01/12 16:32	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/01/12 16:32	1
Acetone	ND		10	5.0	ug/L			08/01/12 16:32	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/01/12 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/01/12 16:32	1
2-Hexanone	ND		10	5.0	ug/L			08/01/12 16:32	1
Trichloroethene	ND		0.50	0.37	ug/L			08/01/12 16:32	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/01/12 16:32	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/01/12 16:32	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/01/12 16:32	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/01/12 16:32	1
Freon 113	ND		0.50	0.15	ug/L			08/01/12 16:32	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/01/12 16:32	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Soils

TestAmerica Job ID: 680-81533-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81533-15

Date Collected: 07/26/12 00:00

Matrix: Water

Date Received: 07/27/12 09:26

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/01/12 16:32	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/01/12 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130					08/01/12 16:32	1
1,2-Dichlorobenzene-d4	82		70 - 130					08/01/12 16:32	1



**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: August 13, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-81572-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for one water sample and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-TMW9-GW-072712	680-81572-1	Water	7/27/2012	8/2/2012
Trip Blank	680-81572-2	Water	7/27/2012	8/2/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. **Blanks**

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit.

The trip blank contained no target compounds above the reporting limits.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD).

6. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

An MS and MSD were not analyzed with the VOC analyses. In the past, MS/MSDs were within QC limits indicating little to no matrix interferences with the water samples. No qualifications are required for this omission.

7. **Overall Assessment**

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-81572-1

ATTACHMENT

TESTAMERICA

RESULTS SUMMARY WITH QUALIFIERS

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-81572-1

Client Sample ID: WGS-TMW9-GW-072712

Lab Sample ID: 680-81572-1

Date Collected: 07/27/12 08:20

Matrix: Water

Date Received: 07/28/12 08:45

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/02/12 19:59	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/02/12 19:59	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/02/12 19:59	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/02/12 19:59	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/02/12 19:59	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/02/12 19:59	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/02/12 19:59	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/02/12 19:59	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/02/12 19:59	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/02/12 19:59	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/02/12 19:59	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/02/12 19:59	1
Styrene	ND		0.50	0.28	ug/L			08/02/12 19:59	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/02/12 19:59	1
Toluene	ND		0.50	0.23	ug/L			08/02/12 19:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/02/12 19:59	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/02/12 19:59	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/02/12 19:59	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/02/12 19:59	1
Chloroform	ND		0.50	0.29	ug/L			08/02/12 19:59	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/02/12 19:59	1
Bromoform	ND		0.50	0.39	ug/L			08/02/12 19:59	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/02/12 19:59	1
Bromobenzene	ND		0.50	0.42	ug/L			08/02/12 19:59	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/02/12 19:59	1
Bromomethane	ND		1.0	0.45	ug/L			08/02/12 19:59	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/02/12 19:59	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/02/12 19:59	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/02/12 19:59	1
Chloroethane	ND		1.0	0.33	ug/L			08/02/12 19:59	1
Chloromethane	ND		0.50	0.32	ug/L			08/02/12 19:59	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/02/12 19:59	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/02/12 19:59	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/02/12 19:59	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/02/12 19:59	1
Dibromomethane	ND		0.50	0.38	ug/L			08/02/12 19:59	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/02/12 19:59	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/02/12 19:59	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/02/12 19:59	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/02/12 19:59	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/02/12 19:59	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/02/12 19:59	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/02/12 19:59	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/02/12 19:59	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/02/12 19:59	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/02/12 19:59	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/02/12 19:59	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/02/12 19:59	1
Naphthalene	ND		1.0	0.43	ug/L			08/02/12 19:59	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/02/12 19:59	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/02/12 19:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/02/12 19:59	1

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-81572-1

Client Sample ID: WGS-TMW9-GW-072712

Lab Sample ID: 680-81572-1

Date Collected: 07/27/12 08:20

Matrix: Water

Date Received: 07/28/12 08:45

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/02/12 19:59	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/02/12 19:59	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/02/12 19:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/02/12 19:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/02/12 19:59	1
o-Xylene	ND		0.50	0.27	ug/L			08/02/12 19:59	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/02/12 19:59	1
Acetone	ND		10	5.0	ug/L			08/02/12 19:59	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/02/12 19:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/02/12 19:59	1
2-Hexanone	ND		10	5.0	ug/L			08/02/12 19:59	1
Trichloroethene	ND		0.50	0.37	ug/L			08/02/12 19:59	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/02/12 19:59	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/02/12 19:59	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/02/12 19:59	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/02/12 19:59	1
Freon 113	ND		0.50	0.15	ug/L			08/02/12 19:59	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/02/12 19:59	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/02/12 19:59	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/02/12 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	995		70 - 910					03/02/92 958 5	9
9,2-Dichlorobenzene-d4	991		70 - 910					03/02/92 958 5	9

Client Sample ID: Trip Blank

Lab Sample ID: 680-81572-2

Date Collected: 07/27/12 00:00

Matrix: Water

Date Received: 07/28/12 08:45

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/02/12 16:38	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/02/12 16:38	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/02/12 16:38	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/02/12 16:38	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/02/12 16:38	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/02/12 16:38	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/02/12 16:38	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/02/12 16:38	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/02/12 16:38	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/02/12 16:38	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/02/12 16:38	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/02/12 16:38	1
Styrene	ND		0.50	0.28	ug/L			08/02/12 16:38	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/02/12 16:38	1
Toluene	ND		0.50	0.23	ug/L			08/02/12 16:38	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/02/12 16:38	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/02/12 16:38	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/02/12 16:38	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/02/12 16:38	1
Chloroform	ND		0.50	0.29	ug/L			08/02/12 16:38	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/02/12 16:38	1

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-81572-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81572-2

Date Collected: 07/27/12 00:00

Matrix: Water

Date Received: 07/28/12 08:45

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.50	0.39	ug/L			08/02/12 16:38	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/02/12 16:38	1
Bromobenzene	ND		0.50	0.42	ug/L			08/02/12 16:38	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/02/12 16:38	1
Bromomethane	ND		1.0	0.45	ug/L			08/02/12 16:38	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/02/12 16:38	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/02/12 16:38	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/02/12 16:38	1
Chloroethane	ND		1.0	0.33	ug/L			08/02/12 16:38	1
Chloromethane	ND		0.50	0.32	ug/L			08/02/12 16:38	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/02/12 16:38	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/02/12 16:38	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/02/12 16:38	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/02/12 16:38	1
Dibromomethane	ND		0.50	0.38	ug/L			08/02/12 16:38	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/02/12 16:38	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/02/12 16:38	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/02/12 16:38	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/02/12 16:38	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/02/12 16:38	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/02/12 16:38	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/02/12 16:38	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/02/12 16:38	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/02/12 16:38	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/02/12 16:38	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/02/12 16:38	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/02/12 16:38	1
Naphthalene	ND		1.0	0.43	ug/L			08/02/12 16:38	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/02/12 16:38	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/02/12 16:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/02/12 16:38	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/02/12 16:38	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/02/12 16:38	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/02/12 16:38	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/02/12 16:38	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/02/12 16:38	1
o-Xylene	ND		0.50	0.27	ug/L			08/02/12 16:38	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/02/12 16:38	1
Acetone	ND		10	5.0	ug/L			08/02/12 16:38	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/02/12 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/02/12 16:38	1
2-Hexanone	ND		10	5.0	ug/L			08/02/12 16:38	1
Trichloroethene	ND		0.50	0.37	ug/L			08/02/12 16:38	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/02/12 16:38	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/02/12 16:38	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/02/12 16:38	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/02/12 16:38	1
Freon 113	ND		0.50	0.15	ug/L			08/02/12 16:38	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/02/12 16:38	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/02/12 16:38	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/02/12 16:38	1

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-81572-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-81572-2

Date Collected: 07/27/12 00:00

Matrix: Water

Date Received: 07/28/12 08:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	995		70 - 910		03/02/92 968/3	9
9,2-Dichlorobenzene-d4	992		70 - 910		03/02/92 968/3	9

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**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: August 14, 2012

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-81696-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for seven water sample and one trip blank collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by Method 524.2

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY METHOD 524.2

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-RW01-080112	680-81696-1	Water	8/1/2012	8/3/2012
WGS-RW01-080112D	680-81696-2	Water	8/1/2012	8/3/2012
WGS-RW02-080112	680-81696-3	Water	8/1/2012	8/3/2012
WGS-RW03-080112	680-81696-4	Water	8/1/2012	8/3/2012
WGS-RW04-080112	680-81696-5	Water	8/1/2012	8/3/2012
WGS-RW05-080112	680-81696-6	Water	8/1/2012	8/3/2012
WGS-RW06-080112	680-81696-7	Water	8/1/2012	8/3/2012
Trip Blank 01	680-81696-8	Water	8/1/2012	8/6/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. **Blanks**

Method blanks were analyzed with the VOC analyses and were free of target compound contamination above the reporting limit.

The trip blank contained no target compounds above the reporting limits.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD).

6. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

An MS and MSD were analyzed with the VOC analyses using sample WGS-RW06-080112 as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

Sample WGS-RW01-080112D is a field duplicate of sample WGS-RW01-080112. The VOC results were non-detect in both samples indicating good correlation between the two samples.

8. **Overall Assessment**

TestAmerica flagged some VOC results with a “J” because they were detected below the reporting limit. These flagged data are considered estimated.

The VOC data are acceptable for use as qualified based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-81696-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These are the only abbreviations that may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW01-080112

Lab Sample ID: 680-81696-1

Date Collected: 08/01/12 11:00

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 20:40	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 20:40	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 20:40	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 20:40	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 20:40	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 20:40	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 20:40	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 20:40	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 20:40	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 20:40	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 20:40	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 20:40	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 20:40	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 20:40	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 20:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 20:40	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 20:40	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 20:40	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 20:40	1
Chloroform	ND		0.50	0.29	ug/L			08/03/12 20:40	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 20:40	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 20:40	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 20:40	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 20:40	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 20:40	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 20:40	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 20:40	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 20:40	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 20:40	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 20:40	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 20:40	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 20:40	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 20:40	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 20:40	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 20:40	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 20:40	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 20:40	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 20:40	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 20:40	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 20:40	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 20:40	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 20:40	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 20:40	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 20:40	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 20:40	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 20:40	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 20:40	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 20:40	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 20:40	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 20:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 20:40	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW01-080112

Lab Sample ID: 680-81696-1

Date Collected: 08/01/12 11:00

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 20:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 20:40	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 20:40	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 20:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 20:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 20:40	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 20:40	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 20:40	1
Acetone	ND		10	5.0	ug/L			08/03/12 20:40	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 20:40	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 20:40	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 20:40	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 20:40	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 20:40	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 20:40	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 20:40	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 20:40	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 20:40	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 20:40	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130					08/03/12 20:40	1
1,2-Dichlorobenzene-d4	90		70 - 130					08/03/12 20:40	1

Client Sample ID: WGS-RW01-080112D

Lab Sample ID: 680-81696-2

Date Collected: 08/01/12 11:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 21:02	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 21:02	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 21:02	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 21:02	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:02	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 21:02	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 21:02	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:02	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 21:02	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 21:02	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 21:02	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 21:02	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 21:02	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 21:02	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 21:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:02	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 21:02	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 21:02	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 21:02	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW01-080112D

Lab Sample ID: 680-81696-2

Date Collected: 08/01/12 11:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			08/03/12 21:02	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 21:02	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 21:02	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 21:02	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 21:02	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 21:02	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 21:02	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:02	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:02	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:02	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 21:02	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 21:02	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 21:02	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 21:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 21:02	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 21:02	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 21:02	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:02	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 21:02	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 21:02	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 21:02	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 21:02	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 21:02	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 21:02	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 21:02	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 21:02	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 21:02	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 21:02	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 21:02	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 21:02	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:02	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 21:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 21:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:02	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 21:02	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 21:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 21:02	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 21:02	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 21:02	1
Acetone	ND		10	5.0	ug/L			08/03/12 21:02	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 21:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 21:02	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 21:02	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:02	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 21:02	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 21:02	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 21:02	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 21:02	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 21:02	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 21:02	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW01-080112D

Lab Sample ID: 680-81696-2

Date Collected: 08/01/12 11:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 21:02	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130					08/03/12 21:02	1
1,2-Dichlorobenzene-d4	95		70 - 130					08/03/12 21:02	1

Client Sample ID: WGS-RW02-080112

Lab Sample ID: 680-81696-3

Date Collected: 08/01/12 11:30

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 21:25	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 21:25	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 21:25	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 21:25	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:25	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 21:25	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 21:25	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:25	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 21:25	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 21:25	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 21:25	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 21:25	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 21:25	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 21:25	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 21:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:25	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 21:25	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 21:25	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 21:25	1
Chloroform	ND		0.50	0.29	ug/L			08/03/12 21:25	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 21:25	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 21:25	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 21:25	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 21:25	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 21:25	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 21:25	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:25	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:25	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:25	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 21:25	1
Chloromethane	1.0		0.50	0.32	ug/L			08/03/12 21:25	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 21:25	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 21:25	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 21:25	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 21:25	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 21:25	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:25	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 21:25	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW02-080112

Lab Sample ID: 680-81696-3

Date Collected: 08/01/12 11:30

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 21:25	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 21:25	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 21:25	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 21:25	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 21:25	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 21:25	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 21:25	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 21:25	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 21:25	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 21:25	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 21:25	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:25	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 21:25	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 21:25	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:25	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 21:25	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 21:25	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:25	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 21:25	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 21:25	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 21:25	1
Acetone	ND		10	5.0	ug/L			08/03/12 21:25	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 21:25	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 21:25	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:25	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 21:25	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 21:25	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 21:25	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 21:25	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 21:25	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 21:25	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 21:25	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					08/03/12 21:25	1
1,2-Dichlorobenzene-d4	94		70 - 130					08/03/12 21:25	1

Client Sample ID: WGS-RW03-080112

Lab Sample ID: 680-81696-4

Date Collected: 08/01/12 11:52

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 21:47	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 21:47	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 21:47	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 21:47	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:47	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 21:47	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW03-080112

Lab Sample ID: 680-81696-4

Date Collected: 08/01/12 11:52

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 21:47	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:47	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 21:47	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 21:47	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 21:47	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 21:47	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 21:47	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 21:47	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 21:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 21:47	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 21:47	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 21:47	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 21:47	1
Chloroform	ND		0.50	0.29	ug/L			08/03/12 21:47	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 21:47	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 21:47	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 21:47	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 21:47	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 21:47	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 21:47	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:47	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:47	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 21:47	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 21:47	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 21:47	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 21:47	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 21:47	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 21:47	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 21:47	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 21:47	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:47	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 21:47	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 21:47	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 21:47	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 21:47	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 21:47	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 21:47	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 21:47	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 21:47	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 21:47	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 21:47	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 21:47	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 21:47	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 21:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 21:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 21:47	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 21:47	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 21:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 21:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 21:47	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW03-080112

Lab Sample ID: 680-81696-4

Date Collected: 08/01/12 11:52

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 21:47	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 21:47	1
Acetone	ND		10	5.0	ug/L			08/03/12 21:47	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 21:47	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 21:47	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 21:47	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 21:47	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 21:47	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 21:47	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 21:47	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 21:47	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 21:47	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 21:47	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					08/03/12 21:47	1
1,2-Dichlorobenzene-d4	94		70 - 130					08/03/12 21:47	1

Client Sample ID: WGS-RW04-080112

Lab Sample ID: 680-81696-5

Date Collected: 08/01/12 12:20

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 22:09	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 22:09	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 22:09	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 22:09	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:09	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 22:09	1
1,1-Dichloroethane	ND		0.50	0.32	ug/L			08/03/12 22:09	1
cis-1,2-Dichloroethane	ND		0.50	0.37	ug/L			08/03/12 22:09	1
trans-1,2-Dichloroethane	ND		0.50	0.24	ug/L			08/03/12 22:09	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 22:09	1
Ethylbenzene	0.22	J	0.50	0.12	ug/L			08/03/12 22:09	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 22:09	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 22:09	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 22:09	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 22:09	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:09	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 22:09	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 22:09	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 22:09	1
Chloroform	1.2		0.50	0.29	ug/L			08/03/12 22:09	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 22:09	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 22:09	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 22:09	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 22:09	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 22:09	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW04-080112

Lab Sample ID: 680-81696-5

Date Collected: 08/01/12 12:20

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 22:09	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:09	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:09	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:09	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 22:09	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 22:09	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 22:09	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 22:09	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 22:09	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 22:09	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 22:09	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:09	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 22:09	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 22:09	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 22:09	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 22:09	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 22:09	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 22:09	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 22:09	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 22:09	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 22:09	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 22:09	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 22:09	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 22:09	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:09	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 22:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 22:09	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:09	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 22:09	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 22:09	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:09	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 22:09	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 22:09	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 22:09	1
Acetone	ND		10	5.0	ug/L			08/03/12 22:09	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 22:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 22:09	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 22:09	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 22:09	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 22:09	1
Trihalomethanes, Total	1.2		0.50	0.29	ug/L			08/03/12 22:09	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 22:09	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 22:09	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 22:09	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 22:09	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 22:09	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					08/03/12 22:09	1
1,2-Dichlorobenzene-d4	92		70 - 130					08/03/12 22:09	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW05-080112

Lab Sample ID: 680-81696-6

Date Collected: 08/01/12 13:30

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 22:31	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 22:31	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 22:31	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 22:31	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:31	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 22:31	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 22:31	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 22:31	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 22:31	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 22:31	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 22:31	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 22:31	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 22:31	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 22:31	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 22:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:31	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 22:31	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 22:31	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 22:31	1
Chloroform	ND		0.50	0.29	ug/L			08/03/12 22:31	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 22:31	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 22:31	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 22:31	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 22:31	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 22:31	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 22:31	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:31	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:31	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:31	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 22:31	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 22:31	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 22:31	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 22:31	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 22:31	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 22:31	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 22:31	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:31	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 22:31	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 22:31	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 22:31	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 22:31	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 22:31	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 22:31	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 22:31	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 22:31	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 22:31	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 22:31	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 22:31	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 22:31	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:31	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 22:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW05-080112

Lab Sample ID: 680-81696-6

Date Collected: 08/01/12 13:30

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 22:31	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:31	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 22:31	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 22:31	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:31	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 22:31	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 22:31	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 22:31	1
Acetone	ND		10	5.0	ug/L			08/03/12 22:31	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 22:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 22:31	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 22:31	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 22:31	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 22:31	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 22:31	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 22:31	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 22:31	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 22:31	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 22:31	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 22:31	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					08/03/12 22:31	1
1,2-Dichlorobenzene-d4	93		70 - 130					08/03/12 22:31	1

Client Sample ID: WGS-RW06-080112

Lab Sample ID: 680-81696-7

Date Collected: 08/01/12 14:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/03/12 22:54	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/03/12 22:54	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/03/12 22:54	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/03/12 22:54	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:54	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/03/12 22:54	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/03/12 22:54	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/03/12 22:54	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/03/12 22:54	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/03/12 22:54	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/03/12 22:54	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/03/12 22:54	1
Styrene	ND		0.50	0.28	ug/L			08/03/12 22:54	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/03/12 22:54	1
Toluene	ND		0.50	0.23	ug/L			08/03/12 22:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/03/12 22:54	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/03/12 22:54	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/03/12 22:54	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/03/12 22:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW06-080112

Lab Sample ID: 680-81696-7

Date Collected: 08/01/12 14:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.29	ug/L			08/03/12 22:54	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/03/12 22:54	1
Bromoform	ND		0.50	0.39	ug/L			08/03/12 22:54	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/03/12 22:54	1
Bromobenzene	ND		0.50	0.42	ug/L			08/03/12 22:54	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/03/12 22:54	1
Bromomethane	ND		1.0	0.45	ug/L			08/03/12 22:54	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:54	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:54	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/03/12 22:54	1
Chloroethane	ND		1.0	0.33	ug/L			08/03/12 22:54	1
Chloromethane	ND		0.50	0.32	ug/L			08/03/12 22:54	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/03/12 22:54	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/03/12 22:54	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/03/12 22:54	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/03/12 22:54	1
Dibromomethane	ND		0.50	0.38	ug/L			08/03/12 22:54	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:54	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/03/12 22:54	1
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/03/12 22:54	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/03/12 22:54	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/03/12 22:54	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/03/12 22:54	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/03/12 22:54	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/03/12 22:54	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/03/12 22:54	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/03/12 22:54	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/03/12 22:54	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/03/12 22:54	1
Naphthalene	ND		1.0	0.43	ug/L			08/03/12 22:54	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:54	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/03/12 22:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/03/12 22:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/03/12 22:54	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/03/12 22:54	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/03/12 22:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/03/12 22:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/03/12 22:54	1
o-Xylene	ND		0.50	0.27	ug/L			08/03/12 22:54	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/03/12 22:54	1
Acetone	ND		10	5.0	ug/L			08/03/12 22:54	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/03/12 22:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/03/12 22:54	1
2-Hexanone	ND		10	5.0	ug/L			08/03/12 22:54	1
Trichloroethene	ND		0.50	0.37	ug/L			08/03/12 22:54	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/03/12 22:54	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/03/12 22:54	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/03/12 22:54	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/03/12 22:54	1
Freon 113	ND		0.50	0.15	ug/L			08/03/12 22:54	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/03/12 22:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: WGS-RW06-080112

Lab Sample ID: 680-81696-7

Date Collected: 08/01/12 14:02

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/03/12 22:54	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/03/12 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					08/03/12 22:54	1
1,2-Dichlorobenzene-d4	92		70 - 130					08/03/12 22:54	1

Client Sample ID: Trip Blank 01

Lab Sample ID: 680-81696-8

Date Collected: 08/01/12 00:00

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.18	ug/L			08/06/12 16:22	1
Carbon tetrachloride	ND		0.50	0.22	ug/L			08/06/12 16:22	1
Chlorobenzene	ND		0.50	0.27	ug/L			08/06/12 16:22	1
1,2-Dichlorobenzene	ND		0.50	0.17	ug/L			08/06/12 16:22	1
1,4-Dichlorobenzene	ND		0.50	0.18	ug/L			08/06/12 16:22	1
1,2-Dichloroethane	ND		0.50	0.17	ug/L			08/06/12 16:22	1
1,1-Dichloroethene	ND		0.50	0.32	ug/L			08/06/12 16:22	1
cis-1,2-Dichloroethene	ND		0.50	0.37	ug/L			08/06/12 16:22	1
trans-1,2-Dichloroethene	ND		0.50	0.24	ug/L			08/06/12 16:22	1
1,2-Dichloropropane	ND		0.50	0.45	ug/L			08/06/12 16:22	1
Ethylbenzene	ND		0.50	0.12	ug/L			08/06/12 16:22	1
Methylene Chloride	ND		0.50	0.36	ug/L			08/06/12 16:22	1
Styrene	ND		0.50	0.28	ug/L			08/06/12 16:22	1
Tetrachloroethene	ND		0.50	0.30	ug/L			08/06/12 16:22	1
Toluene	ND		0.50	0.23	ug/L			08/06/12 16:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.18	ug/L			08/06/12 16:22	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			08/06/12 16:22	1
1,1,2-Trichloroethane	ND		0.50	0.22	ug/L			08/06/12 16:22	1
Vinyl chloride	ND		0.50	0.33	ug/L			08/06/12 16:22	1
Chloroform	ND		0.50	0.29	ug/L			08/06/12 16:22	1
Dichlorobromomethane	ND		1.0	0.54	ug/L			08/06/12 16:22	1
Bromoform	ND		0.50	0.39	ug/L			08/06/12 16:22	1
Chlorodibromomethane	ND		0.50	0.43	ug/L			08/06/12 16:22	1
Bromobenzene	ND		0.50	0.42	ug/L			08/06/12 16:22	1
Chlorobromomethane	ND		0.50	0.30	ug/L			08/06/12 16:22	1
Bromomethane	ND		1.0	0.45	ug/L			08/06/12 16:22	1
n-Butylbenzene	ND		0.50	0.17	ug/L			08/06/12 16:22	1
sec-Butylbenzene	ND		0.50	0.14	ug/L			08/06/12 16:22	1
tert-Butylbenzene	ND		0.50	0.14	ug/L			08/06/12 16:22	1
Chloroethane	ND		1.0	0.33	ug/L			08/06/12 16:22	1
Chloromethane	ND		0.50	0.32	ug/L			08/06/12 16:22	1
2-Chlorotoluene	ND		0.50	0.17	ug/L			08/06/12 16:22	1
4-Chlorotoluene	ND		0.50	0.16	ug/L			08/06/12 16:22	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.30	ug/L			08/06/12 16:22	1
Ethylene Dibromide	ND		0.50	0.20	ug/L			08/06/12 16:22	1
Dibromomethane	ND		0.50	0.38	ug/L			08/06/12 16:22	1
1,3-Dichlorobenzene	ND		0.50	0.14	ug/L			08/06/12 16:22	1
Dichlorodifluoromethane	ND		0.50	0.34	ug/L			08/06/12 16:22	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron GW Site

TestAmerica Job ID: 680-81696-1

Client Sample ID: Trip Blank 01

Lab Sample ID: 680-81696-8

Date Collected: 08/01/12 00:00

Matrix: Water

Date Received: 08/02/12 09:36

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.39	ug/L			08/06/12 16:22	1
1,3-Dichloropropane	ND		0.50	0.43	ug/L			08/06/12 16:22	1
2,2-Dichloropropane	ND		0.50	0.31	ug/L			08/06/12 16:22	1
1,1-Dichloropropene	ND		0.50	0.19	ug/L			08/06/12 16:22	1
cis-1,3-Dichloropropene	ND		0.50	0.32	ug/L			08/06/12 16:22	1
trans-1,3-Dichloropropene	ND		0.50	0.48	ug/L			08/06/12 16:22	1
Hexachlorobutadiene	ND		0.50	0.26	ug/L			08/06/12 16:22	1
Isopropylbenzene	ND		0.50	0.15	ug/L			08/06/12 16:22	1
4-Isopropyltoluene	ND		0.50	0.21	ug/L			08/06/12 16:22	1
Methyl tert-butyl ether	ND		0.50	0.26	ug/L			08/06/12 16:22	1
Naphthalene	ND		1.0	0.43	ug/L			08/06/12 16:22	1
N-Propylbenzene	ND		0.50	0.17	ug/L			08/06/12 16:22	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.16	ug/L			08/06/12 16:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.18	ug/L			08/06/12 16:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.14	ug/L			08/06/12 16:22	1
Trichlorofluoromethane	ND		0.50	0.23	ug/L			08/06/12 16:22	1
1,2,3-Trichloropropane	ND		0.50	0.18	ug/L			08/06/12 16:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.17	ug/L			08/06/12 16:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.16	ug/L			08/06/12 16:22	1
o-Xylene	ND		0.50	0.27	ug/L			08/06/12 16:22	1
m-Xylene & p-Xylene	ND		0.50	0.42	ug/L			08/06/12 16:22	1
Acetone	ND		10	5.0	ug/L			08/06/12 16:22	1
2-Butanone (MEK)	ND		10	5.0	ug/L			08/06/12 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	5.0	ug/L			08/06/12 16:22	1
2-Hexanone	ND		10	5.0	ug/L			08/06/12 16:22	1
Trichloroethene	ND		0.50	0.37	ug/L			08/06/12 16:22	1
Xylenes, Total	ND		0.50	0.27	ug/L			08/06/12 16:22	1
Trihalomethanes, Total	ND		0.50	0.29	ug/L			08/06/12 16:22	1
Tert-butyl ethyl ether	ND		0.50	0.26	ug/L			08/06/12 16:22	1
Diisopropyl ether	ND		0.50	0.28	ug/L			08/06/12 16:22	1
Freon 113	ND		0.50	0.15	ug/L			08/06/12 16:22	1
Tert-amyl methyl ether	ND		0.50	0.20	ug/L			08/06/12 16:22	1
1,3-Dichloropropene, Total	ND		0.50	0.32	ug/L			08/06/12 16:22	1
tert-Butyl alcohol	ND		2.0	1.6	ug/L			08/06/12 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					08/06/12 16:22	1
1,2-Dichlorobenzene-d4	86		70 - 130					08/06/12 16:22	1

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

August 15, 2012

Weston Solutions
20 North Wacker Drive
Suite 1210
Chicago, IL 60606
Telephone: (312) 424-3339
Fax: (312) 424-3330

RE: 20405.12.001.1698.00, Wedron GW Site, Wedron, IL

STAT Project No: 12080101

Dear Om Patel:

STAT Analysis received 1 sample for the referenced project on 8/3/2012 11:25:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: e o o o

Project: 1 11 e o e e o

Lab Order: 1 11

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
1 11 1	7 1		7 1	1

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: g 1 1

Print Date: g 1 1

Client:	e o o o	Client Sample ID:	7 1
Lab Order:	1 1 1	Tag Number:	
Project:	1 1 1 e o e e o	Collection Date:	7 1
Lab ID:	1 1 1 1	Matrix:	

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons	SW8015M (SW3580A)		Prep Date: 8/9/2012		Analyst: GVC	
TPH (GRO)	310000	2000		mg/Kg	10	8/10/2012
TPH (DRO)	690000	20000		mg/Kg	100	8/10/2012
Volatile Organic Compounds by GC/MS	SW8260B		Prep Date: 8/3/2012		Analyst: PS	
Acetone	ND	7.5		mg/Kg	100	8/8/2012
Benzene	ND	0.5		mg/Kg	100	8/8/2012
Bromodichloromethane	ND	0.5		mg/Kg	100	8/8/2012
Bromoform	ND	0.5		mg/Kg	100	8/8/2012
Bromomethane	ND	1		mg/Kg	100	8/8/2012
2-Butanone	ND	7.5		mg/Kg	100	8/8/2012
Carbon disulfide	ND	5		mg/Kg	100	8/8/2012
Carbon tetrachloride	ND	0.5		mg/Kg	100	8/8/2012
Chlorobenzene	ND	0.5		mg/Kg	100	8/8/2012
Chloroethane	ND	1		mg/Kg	100	8/8/2012
Chloroform	ND	0.5		mg/Kg	100	8/8/2012
Chloromethane	ND	1		mg/Kg	100	8/8/2012
Dibromochloromethane	ND	0.5		mg/Kg	100	8/8/2012
1,1-Dichloroethane	ND	0.5		mg/Kg	100	8/8/2012
1,2-Dichloroethane	ND	0.5		mg/Kg	100	8/8/2012
1,1-Dichloroethene	ND	0.5		mg/Kg	100	8/8/2012
cis-1,2-Dichloroethene	ND	0.5		mg/Kg	100	8/8/2012
trans-1,2-Dichloroethene	ND	0.5		mg/Kg	100	8/8/2012
1,2-Dichloropropane	ND	0.5		mg/Kg	100	8/8/2012
cis-1,3-Dichloropropene	ND	0.2		mg/Kg	100	8/8/2012
trans-1,3-Dichloropropene	ND	0.2		mg/Kg	100	8/8/2012
Ethylbenzene	1	0.5		mg/Kg	100	8/8/2012
2-Hexanone	ND	2		mg/Kg	100	8/8/2012
4-Methyl-2-pentanone	ND	2		mg/Kg	100	8/8/2012
Methylene chloride	ND	1		mg/Kg	100	8/8/2012
Methyl tert-butyl ether	ND	0.5		mg/Kg	100	8/8/2012
Styrene	ND	0.5		mg/Kg	100	8/8/2012
1,1,2,2-Tetrachloroethane	ND	0.5		mg/Kg	100	8/8/2012
Tetrachloroethene	ND	0.5		mg/Kg	100	8/8/2012
Toluene	1.1	0.5		mg/Kg	100	8/8/2012
1,1,1-Trichloroethane	ND	0.5		mg/Kg	100	8/8/2012
1,1,2-Trichloroethane	ND	0.5		mg/Kg	100	8/8/2012
Trichloroethene	ND	0.5		mg/Kg	100	8/8/2012
Vinyl chloride	ND	0.5		mg/Kg	100	8/8/2012
Xylenes, Total	5.4	1.5		mg/Kg	100	8/8/2012

Qualifiers:

o e e e a e e o g	e o g a a o fo e a a
a e e e e o a a o	e e o e o e a e e e o e
a e e e e e a o a e e o a	P o e a e e e o e
a e e e e a o g e	a e a o e a a o a g e
o a e e a a e e	o g e e e e e

Sample Receipt Checklist

Client Name WESTON CHICAGO

Date and Time Received: 8/3/2012 11:25:00 AM

Work Order Number 12080101

Received by: CDF

Checklist completed by: [Signature] Date 8/3/12

Reviewed by: KL 8/10/12
Initials Date

Matrix: _____ Carrier name: STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 4.4 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

CLIENT: e o o o
 Work Order: 1 1 1
 Project: 1 1 1 e o e e o
 Test No: Matrix:

**QC SUMMARY REPORT
 SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
1	7	1	1	1				
1	1	1 7	1	7 7				
1		1 7		1				
1 1 1 1 1		1	1					
1	7	11	1 1	1				
1		1	1	1				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	63-110
BZMED8	= Toluene-d8	85-110
DBFM	= Dibromofluoromethane	83-119
DCA12D4	= 1,2-Dichloroethane-d4	84-129

* Surrogate recovery outside acceptance limits

CLIENT: e o o o

Work Order: 1 1 1

Project: 1 1 1 e o e e o

ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	12080046-003AMS	SampType:	MS	TestCode:	VOC_5035+	Units:	mg/Kg-dry	Prep Date:	8/2/2012	Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2216443

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04967	0.0047	0.04656	0	107	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.03874	0.0047	0.04656	0	83.2	70	130	0	0		
1,1,2-Trichloroethane	0.03918	0.0047	0.04656	0	84.2	70	130	0	0		
1,1-Dichloroethane	0.05126	0.0047	0.04656	0	110	70	130	0	0		
1,1-Dichloroethene	0.05131	0.0047	0.04656	0	110	70	130	0	0		
1,2-Dichloroethane	0.04215	0.0047	0.04656	0	90.5	70	130	0	0		
1,2-Dichloropropane	0.04752	0.0047	0.04656	0	102	70	130	0	0		
2-Butanone	0.09762	0.070	0.09311	0	105	70	130	0	0		
2-Hexanone	0.09093	0.019	0.09311	0	97.7	70	130	0	0		
4-Methyl-2-pentanone	0.101	0.019	0.04656	0	217	70	130	0	0		S
Acetone	0.1271	0.070	0.09311	0.03032	104	50	150	0	0		
Benzene	0.04969	0.0047	0.04656	0	107	70	130	0	0		
Bromodichloromethane	0.04514	0.0047	0.04656	0	97	70	130	0	0		
Bromoform	0.03688	0.0047	0.04656	0	79.2	70	130	0	0		
Bromomethane	0.03798	0.0093	0.04656	0	81.6	70	130	0	0		
Carbon disulfide	0.1177	0.047	0.09311	0	126	70	130	0	0		
Carbon tetrachloride	0.05035	0.0047	0.04656	0	108	70	130	0	0		
Chlorobenzene	0.04187	0.0047	0.04656	0	89.9	70	130	0	0		
Chloroethane	0.05816	0.0093	0.04656	0	125	70	130	0	0		
Chloroform	0.04687	0.0047	0.04656	0	101	70	130	0	0		
Chloromethane	0.04685	0.0093	0.04656	0	101	70	130	0	0		
cis-1,2-Dichloroethene	0.04764	0.0047	0.04656	0	102	70	130	0	0		
cis-1,3-Dichloropropene	0.04439	0.0019	0.04656	0	95.3	70	130	0	0		
Dibromochloromethane	0.04038	0.0047	0.04656	0	86.7	70	130	0	0		
Ethylbenzene	0.04189	0.0047	0.04656	0	90	70	130	0	0		
Methyl tert-butyl ether	0.05369	0.0047	0.04656	0	115	70	130	0	0		
Methylene chloride	0.04531	0.0093	0.04656	0	97.3	70	130	0	0		
Styrene	0.03369	0.0047	0.04656	0	72.4	70	130	0	0		
Tetrachloroethene	0.04098	0.0047	0.04656	0	88	70	130	0	0		
Toluene	0.04807	0.0047	0.04656	0	103	70	130	0	0		
trans-1,2-Dichloroethene	0.05008	0.0047	0.04656	0	108	70	130	0	0		

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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CLIENT: e o o o

Work Order: 1 1 1

Project: 1 1 1 e o e e o

ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	12080046-003AMS	SampType:	MS	TestCode:	VOC_5035+	Units:	mg/Kg-dry	Prep Date:	8/2/2012	Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2216443
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	0.04142	0.0019	0.04656	0	89	70	130	0	0		
Trichloroethene	0.04654	0.0047	0.04656	0	100	70	130	0	0		
Vinyl chloride	0.05484	0.0047	0.04656	0	118	70	130	0	0		
Xylenes, Total	0.1272	0.014	0.1397	0	91.1	70	130	0	0		

Sample ID	12080046-003AMSD	SampType:	MSD	TestCode:	VOC_5035+	Units:	mg/Kg-dry	Prep Date:	8/2/2012	Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2216444
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04393	0.0043	0.04333	0	101	70	130	0.04967	12.3	25	
1,1,2,2-Tetrachloroethane	0.04134	0.0043	0.04333	0	95.4	70	130	0.03874	6.52	25	
1,1,2-Trichloroethane	0.03897	0.0043	0.04333	0	89.9	70	130	0.03918	0.541	25	
1,1-Dichloroethane	0.04734	0.0043	0.04333	0	109	70	130	0.05126	7.95	25	
1,1-Dichloroethene	0.04926	0.0043	0.04333	0	114	70	130	0.05131	4.09	25	
1,2-Dichloroethane	0.04343	0.0043	0.04333	0	100	70	130	0.04215	2.99	25	
1,2-Dichloropropane	0.04303	0.0043	0.04333	0	99.3	70	130	0.04752	9.90	25	
2-Butanone	0.09281	0.065	0.08666	0	107	70	130	0.09762	5.05	25	
2-Hexanone	0.1003	0.017	0.08666	0	116	70	130	0.09093	9.76	25	
4-Methyl-2-pentanone	0.1039	0.017	0.04333	0	240	70	130	0.101	2.84	25	S
Acetone	0.121	0.065	0.08666	0.03032	105	50	150	0.1271	4.93	25	
Benzene	0.04688	0.0043	0.04333	0	108	70	130	0.04969	5.80	25	
Bromodichloromethane	0.04098	0.0043	0.04333	0	94.6	70	130	0.04514	9.66	25	
Bromoform	0.03688	0.0043	0.04333	0	85.1	70	130	0.03688	0.000385	25	
Bromomethane	0.03721	0.0087	0.04333	0	85.9	70	130	0.03798	2.05	25	
Carbon disulfide	0.1109	0.043	0.08666	0	128	70	130	0.1177	5.92	25	
Carbon tetrachloride	0.04611	0.0043	0.04333	0	106	70	130	0.05035	8.78	25	
Chlorobenzene	0.04125	0.0043	0.04333	0	95.2	70	130	0.04187	1.50	25	
Chloroethane	0.05457	0.0087	0.04333	0	126	70	130	0.05816	6.37	25	
Chloroform	0.04558	0.0043	0.04333	0	105	70	130	0.04687	2.79	25	
Chloromethane	0.05054	0.0087	0.04333	0	117	70	130	0.04685	7.57	25	
cis-1,2-Dichloroethene	0.04524	0.0043	0.04333	0	104	70	130	0.04764	5.17	25	

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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Project: 1 1 1 e o e e o

ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	12080046-003AMSD	SampType:	MSD	TestCode:	VOC_5035+	Units:	mg/Kg-dry	Prep Date:	8/2/2012	Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2216444
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.04352	0.0017	0.04333	0	100	70	130	0.04439	1.97	25	
Dibromochloromethane	0.03953	0.0043	0.04333	0	91.2	70	130	0.04038	2.15	25	
Ethylbenzene	0.04087	0.0043	0.04333	0	94.3	70	130	0.04189	2.47	25	
Methyl tert-butyl ether	0.05089	0.0043	0.04333	0	117	70	130	0.05369	5.36	25	
Methylene chloride	0.04434	0.0087	0.04333	0	102	70	130	0.04531	2.15	25	
Styrene	0.0366	0.0043	0.04333	0	84.5	70	130	0.03369	8.30	25	
Tetrachloroethene	0.03957	0.0043	0.04333	0	91.3	70	130	0.04098	3.50	25	
Toluene	0.04608	0.0043	0.04333	0	106	70	130	0.04807	4.24	25	
trans-1,2-Dichloroethene	0.04738	0.0043	0.04333	0	109	70	130	0.05008	5.54	25	
trans-1,3-Dichloropropene	0.04162	0.0017	0.04333	0	96.1	70	130	0.04142	0.495	25	
Trichloroethene	0.04422	0.0043	0.04333	0	102	70	130	0.04654	5.10	25	
Vinyl chloride	0.04921	0.0043	0.04333	0	114	70	130	0.05484	10.8	25	
Xylenes, Total	0.1248	0.013	0.13	0	96	70	130	0.1272	1.92	25	

Sample ID	VBLK080812-2	SampType:	MBLK	TestCode:	VOC_ENCOR	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215942
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.075									
2-Hexanone	ND	0.020									
4-Methyl-2-pentanone	ND	0.020									
Acetone	0.00703	0.075									J
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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Work Order: 1 1 1

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ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	VLBK080812-2	SampType:	MBLK	TestCode:	VOC_ENCOR	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A												
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215942												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Bromoform	ND	0.0050																				
Bromomethane	ND	0.010																				
Carbon disulfide	ND	0.050																				
Carbon tetrachloride	ND	0.0050																				
Chlorobenzene	ND	0.0050																				
Chloroethane	ND	0.010																				
Chloroform	ND	0.0050																				
Chloromethane	ND	0.010																				
cis-1,2-Dichloroethene	ND	0.0050																				
cis-1,3-Dichloropropene	ND	0.0020																				
Dibromochloromethane	ND	0.0050																				
Ethylbenzene	ND	0.0050																				
Methyl tert-butyl ether	ND	0.0050																				
Methylene chloride	0.00134	0.010																				J
Styrene	ND	0.0050																				
Tetrachloroethene	ND	0.0050																				
Toluene	ND	0.0050																				
trans-1,2-Dichloroethene	ND	0.0050																				
trans-1,3-Dichloropropene	ND	0.0020																				
Trichloroethene	ND	0.0050																				
Vinyl chloride	ND	0.0050																				
Xylenes, Total	ND	0.015																				

Sample ID	VLCS080812-2	SampType:	LCS	TestCode:	VOC_ENCOR	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A												
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215943												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

1,1,1-Trichloroethane	0.05	0.0050	0.05	0	100	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04517	0.0050	0.05	0	90.3	70	130	0	0		
1,1,2-Trichloroethane	0.04689	0.0050	0.05	0	93.8	70	130	0	0		
1,1-Dichloroethane	0.05338	0.0050	0.05	0	107	70	130	0	0		

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	VLCS080812-2	SampType:	LCS	TestCode:	VOC_ENCOR	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215943

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.05526	0.0050	0.05	0	111	70	130	0	0		
1,2-Dichloroethane	0.04897	0.0050	0.05	0	97.9	70	130	0	0		
1,2-Dichloropropane	0.05251	0.0050	0.05	0	105	70	130	0	0		
2-Butanone	0.1013	0.075	0.1	0	101	70	130	0	0		
2-Hexanone	0.09446	0.020	0.1	0	94.5	70	130	0	0		
4-Methyl-2-pentanone	0.1022	0.020	0.1	0	102	70	130	0	0		
Acetone	0.1025	0.075	0.1	0.00703	95.5	50	150	0	0		
Benzene	0.05148	0.0050	0.05	0	103	70	130	0	0		
Bromodichloromethane	0.0503	0.0050	0.05	0	101	70	130	0	0		
Bromoform	0.04351	0.0050	0.05	0	87	70	130	0	0		
Bromomethane	0.02661	0.010	0.05	0	53.2	70	130	0	0		S
Carbon disulfide	0.123	0.050	0.1	0	123	70	130	0	0		
Carbon tetrachloride	0.05158	0.0050	0.05	0	103	70	130	0	0		
Chlorobenzene	0.0509	0.0050	0.05	0	102	70	130	0	0		
Chloroethane	0.05503	0.010	0.05	0	110	70	130	0	0		
Chloroform	0.05143	0.0050	0.05	0	103	70	130	0	0		
Chloromethane	0.05729	0.010	0.05	0	115	70	130	0	0		
cis-1,2-Dichloroethene	0.05176	0.0050	0.05	0	104	70	130	0	0		
cis-1,3-Dichloropropene	0.05121	0.0020	0.05	0	102	70	130	0	0		
Dibromochloromethane	0.04626	0.0050	0.05	0	92.5	70	130	0	0		
Ethylbenzene	0.04857	0.0050	0.05	0	97.1	70	130	0	0		
Methyl tert-butyl ether	0.05585	0.0050	0.05	0	112	70	130	0	0		
Methylene chloride	0.05071	0.010	0.05	0.00134	98.7	70	130	0	0		
Styrene	0.04846	0.0050	0.05	0	96.9	70	130	0	0		
Tetrachloroethene	0.04556	0.0050	0.05	0	91.1	70	130	0	0		
Toluene	0.0541	0.0050	0.05	0	108	70	130	0	0		
trans-1,2-Dichloroethene	0.05269	0.0050	0.05	0	105	70	130	0	0		
trans-1,3-Dichloropropene	0.04865	0.0020	0.05	0	97.3	70	130	0	0		
Trichloroethene	0.05219	0.0050	0.05	0	104	70	130	0	0		
Vinyl chloride	0.04882	0.0050	0.05	0	97.6	70	130	0	0		
Xylenes, Total	0.1515	0.015	0.15	0	101	70	130	0	0		

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	VLCS080812-2	SampType:	LCSD	TestCode:	VOC_ENC0R	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215945

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.05628	0.0050	0.05	0	113	70	130	0.05	11.8	20	
1,1,2,2-Tetrachloroethane	0.04783	0.0050	0.05	0	95.7	70	130	0.04517	5.72	20	
1,1,2-Trichloroethane	0.04716	0.0050	0.05	0	94.3	70	130	0.04689	0.574	20	
1,1-Dichloroethane	0.05486	0.0050	0.05	0	110	70	130	0.05338	2.73	20	
1,1-Dichloroethene	0.05437	0.0050	0.05	0	109	70	130	0.05526	1.62	20	
1,2-Dichloroethane	0.05146	0.0050	0.05	0	103	70	130	0.04897	4.96	20	
1,2-Dichloropropane	0.05483	0.0050	0.05	0	110	70	130	0.05251	4.32	20	
2-Butanone	0.1024	0.075	0.1	0	102	70	130	0.1013	1.11	20	
2-Hexanone	0.1051	0.020	0.1	0	105	70	130	0.09446	10.7	20	
4-Methyl-2-pentanone	0.1037	0.020	0.1	0	104	70	130	0.1022	1.49	20	
Acetone	0.1036	0.075	0.1	0.00703	96.6	50	150	0.1025	1.11	20	
Benzene	0.05704	0.0050	0.05	0	114	70	130	0.05148	10.2	20	
Bromodichloromethane	0.05375	0.0050	0.05	0	108	70	130	0.0503	6.63	20	
Bromoform	0.04562	0.0050	0.05	0	91.2	70	130	0.04351	4.73	20	
Bromomethane	0.02883	0.010	0.05	0	57.7	70	130	0.02661	8.01	20	S
Carbon disulfide	0.128	0.050	0.1	0	128	70	130	0.123	4.00	20	
Carbon tetrachloride	0.05701	0.0050	0.05	0	114	70	130	0.05158	10.0	20	
Chlorobenzene	0.05243	0.0050	0.05	0	105	70	130	0.0509	2.96	20	
Chloroethane	0.05687	0.010	0.05	0	114	70	130	0.05503	3.29	20	
Chloroform	0.05368	0.0050	0.05	0	107	70	130	0.05143	4.28	20	
Chloromethane	0.05959	0.010	0.05	0	119	70	130	0.05729	3.94	20	
cis-1,2-Dichloroethene	0.0519	0.0050	0.05	0	104	70	130	0.05176	0.270	20	
cis-1,3-Dichloropropene	0.05455	0.0020	0.05	0	109	70	130	0.05121	6.32	20	
Dibromochloromethane	0.04581	0.0050	0.05	0	91.6	70	130	0.04626	0.978	20	
Ethylbenzene	0.05219	0.0050	0.05	0	104	70	130	0.04857	7.19	20	
Methyl tert-butyl ether	0.05336	0.0050	0.05	0	107	70	130	0.05585	4.56	20	
Methylene chloride	0.05	0.010	0.05	0.00134	97.3	70	130	0.05071	1.41	20	
Styrene	0.05036	0.0050	0.05	0	101	70	130	0.04846	3.85	20	
Tetrachloroethene	0.04964	0.0050	0.05	0	99.3	70	130	0.04556	8.57	20	
Toluene	0.0565	0.0050	0.05	0	113	70	130	0.0541	4.34	20	
trans-1,2-Dichloroethene	0.05331	0.0050	0.05	0	107	70	130	0.05269	1.17	20	

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
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ANALYTICAL QC SUMMARY REPORT

BatchID: R82410

Sample ID	VLCS080812-2	SampType:	LCSD	TestCode:	VOC_ENC0R	Units:	mg/Kg	Prep Date:		Run ID:	VOA-2_120808A	
Client ID:	ZZZZZ	Batch ID:	R82410	TestNo:	SW5035/8260			Analysis Date:	8/8/2012	SeqNo:	2215945	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

trans-1,3-Dichloropropene	0.05083	0.0020	0.05	0	102	70	130	0.04865	4.38	20
Trichloroethene	0.05511	0.0050	0.05	0	110	70	130	0.05219	5.44	20
Vinyl chloride	0.05091	0.0050	0.05	0	102	70	130	0.04882	4.19	20
Xylenes, Total	0.1617	0.015	0.15	0	108	70	130	0.1515	6.49	20

Qualifiers:

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Prep Start Date: **8/9/2012 10:25:29 A**

Prep End Date:

Prep Factor Units:

Prep Batch **64198**

Prep Code: **3580_TPH**

Technician: **FAC**

mL / Kg

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64198-TPH			0.005	0	0	5	1000.000	8/9/2012	8/9/2012
LCS-64198-TPH			0.005	0	0	5	1000.000	8/9/2012	8/9/2012
12080101-001A	Liquid		0.00102	0	0	10	9803.922	8/9/2012	8/9/2012
12080101-001AMS	Liquid		0.00102	0	0	10	9803.922	8/9/2012	8/9/2012
12080101-001AMSD	Liquid		0.00101	0	0	10	9900.990	8/9/2012	8/9/2012

CLIENT: e o o o

ANALYTICAL QC SUMMARY REPORT

Work Order: 1 1 1

Project: 1 1 1 e o e e o

BatchID: 64198

Sample ID	MB-64198-TPH	SampType:	MBLK	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120810A												
Client ID:	ZZZZZ	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/10/2012	SeqNo:	2219075												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
TPH (GRO)		ND		20																			J
TPH (DRO)		17.8		20																			

Sample ID	LCS-64198-TPH	SampType:	LCS	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120810A												
Client ID:	ZZZZZ	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/10/2012	SeqNo:	2219076												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
TPH (GRO)		172.6		20		200		0		0		30		150		0		0					
TPH (DRO)		204.3		20		200		0		0		30		150		0		0					

Sample ID	12080101-001AMS	SampType:	MS	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120813A												
Client ID:	WGS-UST-072612	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/13/2012	SeqNo:	2220185												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
TPH (DRO)		676000		20000		2451		685700		-396		30		150		0		0					S

Sample ID	12080101-001AMS	SampType:	MS	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120813A												
Client ID:	WGS-UST-072612	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/13/2012	SeqNo:	2220187												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
TPH (GRO)		307300		2000		2451		309200		-75.1		30		150		0		0					S

Sample ID	12080101-001AMSD	SampType:	MSD	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120813A												
Client ID:	WGS-UST-072612	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/13/2012	SeqNo:	2220186												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
TPH (DRO)		704200		20000		2475		685700		747		30		150		676000		4.08		25			S

Qualifiers: o e e e a e e o g e e o e o e a e e e o e a e e e e a o a e e o a
a e e e e o a a o P o e a e e e o e a e a o e a a o a g e
o e e P a e e o g e e e e

CLIENT: e o o o

Work Order: 1 1 1

Project: 1 11 e o e e o

ANALYTICAL QC SUMMARY REPORT

BatchID: 64198

Sample ID	12080101-001AMSD	SampType:	MSD	TestCode:	TPH_S	Units:	mg/Kg	Prep Date:	8/9/2012	Run ID:	GC-FID-2_120813A		
Client ID:	WGS-UST-072612	Batch ID:	64198	TestNo:	SW8015M			Analysis Date:	8/13/2012	SeqNo:	2220188		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (GRO)		302400		2000	2475	309200	-271	30	150	307300	1.60	25	S

Qualifiers:

o e e e a e e o g
a e e e e o a a o
o e e P a a e e

e e o e o e a e e e o e
P o e a e e e o e
o g e e e e

a e e e e e a o a e e o a
a e a o e a a o a g e

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRochelle Avenue

Savannah, GA 31404

Tel (912) 354-7858

TestAmerica Job ID: 680-82014-1

Client Project/Site: Weldon Groundwater/Weldon, IL

For:

Weston Solutions, Inc.

750 E. Bunker Court

Suite 500

Vernon Hills, Illinois 60061-1450

Attn: Mr. Omprakash Patel



Authorized for release by:

8/21/2012 5:29:15 PM

Lisa Harvey

Project Manager

lisa.harvey@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

Job ID: 680-82014-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wedron Groundwater/Wedron,IL

Report Number: 680-82014-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

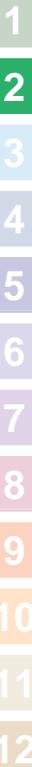
The samples were received on 08/14/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.6 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample WGC-RW01-081312 (680-82014-1) was analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 08/17/2012.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.



Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-82014-1	WGC-RW01-081312	Drinking Water	08/13/12 11:35	08/14/12 09:41

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Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron, IE

TestAmerica Job ID: 680-87091-9

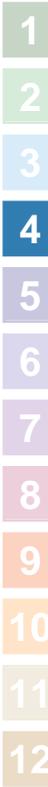
Method	Method Description	Protocol	Laboratory
271.7	4 volatile Organic Compounds pGC/MSM	5PA-DW	TAE SA4

Protocol References:

5PA-DW) Methods for the Determination of Volatile Organic Compounds in Drinking Water, EPA/600/1-88/010, December 1988 and its Supplements.

Laboratory References:

TAE SA4) TestAmerica Savannah, 2907 Ebenezer Avenue, Savannah, GA 31101, Telephone 912-211-828



Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Client Sample ID: WGC-RW01-081312

Lab Sample ID: 680-82014-1

Date Collected: 08/13/12 11:35

Matrix: Drinking Water

Date Received: 08/14/12 09:41

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
zenNene	5D		0.g0	0.98	uL/B			08/93/97 00:92	9
Carbon tetrachloride	5D		0.g0	0.77	uL/B			08/93/97 00:92	9
ChlorobenNene	5D		0.g0	0.73	uL/B			08/93/97 00:92	9
9,7-DichlorobenNene	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
9,1-DichlorobenNene	5D		0.g0	0.98	uL/B			08/93/97 00:92	9
9,7-Dichloroethane	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
9,9-Dichloroethene	5D		0.g0	0.27	uL/B			08/93/97 00:92	9
cis-9,7-Dichloroethene	5D		0.g0	0.23	uL/B			08/93/97 00:92	9
trans-9,7-Dichloroethene	5D		0.g0	0.71	uL/B			08/93/97 00:92	9
9,7-Dichloro4ro4ane	5D		0.g0	0.1g	uL/B			08/93/97 00:92	9
pthEbenNene	5D		0.g0	0.97	uL/B			08/93/97 00:92	9
y ethEene Chloride	5D		0.g0	0.26	uL/B			08/93/97 00:92	9
StEene	5D		0.g0	0.78	uL/B			08/93/97 00:92	9
Tetrachloroethene	5D		0.g0	0.20	uL/B			08/93/97 00:92	9
Toluene	5D		0.g0	0.72	uL/B			08/93/97 00:92	9
9,7,1-TrichlorobenNene	5D		0.g0	0.98	uL/B			08/93/97 00:92	9
9,9,9-Trichloroethane	5D		0.g0	0.73	uL/B			08/93/97 00:92	9
9,9,7-Trichloroethane	5D		0.g0	0.77	uL/B			08/93/97 00:92	9
MnE chloride	5D		0.g0	0.22	uL/B			08/93/97 00:92	9
Chloroform	5D		0.g0	0.7V	uL/B			08/93/97 00:92	9
Dichlorobromomethane	5D		9.0	0.g1	uL/B			08/93/97 00:92	9
z romoform	5D		0.g0	0.2V	uL/B			08/93/97 00:92	9
Chlorodibromomethane	5D		0.g0	0.12	uL/B			08/93/97 00:92	9
z romobenNene	5D		0.g0	0.17	uL/B			08/93/97 00:92	9
Chlorobromomethane	5D		0.g0	0.20	uL/B			08/93/97 00:92	9
z romomethane	5D		9.0	0.1g	uL/B			08/93/97 00:92	9
n-z utEbenNene	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
sec-z utEbenNene	5D		0.g0	0.91	uL/B			08/93/97 00:92	9
tert-z utEbenNene	5D		0.g0	0.91	uL/B			08/93/97 00:92	9
Chloroethane	5D		9.0	0.22	uL/B			08/93/97 00:92	9
Chloromethane	5D		0.g0	0.27	uL/B			08/93/97 00:92	9
7-Chlorotoluene	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
1-Chlorotoluene	5D		0.g0	0.96	uL/B			08/93/97 00:92	9
9,7-Dibromo-2-Chloro4ro4ane	5D		0.g0	0.20	uL/B			08/93/97 00:92	9
pthEene Dibromide	5D		0.g0	0.70	uL/B			08/93/97 00:92	9
Dibromomethane	5D		0.g0	0.28	uL/B			08/93/97 00:92	9
9,2-DichlorobenNene	5D		0.g0	0.91	uL/B			08/93/97 00:92	9
Dichlorodifluoromethane	5D		0.g0	0.21	uL/B			08/93/97 00:92	9
9,9-Dichloroethane	5D		0.g0	0.2V	uL/B			08/93/97 00:92	9
9,2-Dichloro4ro4ane	5D		0.g0	0.12	uL/B			08/93/97 00:92	9
7,7-Dichloro4ro4ane	5D		0.g0	0.29	uL/B			08/93/97 00:92	9
9,9-Dichloro4ro4ene	5D		0.g0	0.9V	uL/B			08/93/97 00:92	9
cis-9,2-Dichloro4ro4ene	5D		0.g0	0.27	uL/B			08/93/97 00:92	9
trans-9,2-Dichloro4ro4ene	5D		0.g0	0.18	uL/B			08/93/97 00:92	9
Hexachlorobutadiene	5D		0.g0	0.76	uL/B			08/93/97 00:92	9
Iso4ro4EbenNene	5D		0.g0	0.9g	uL/B			08/93/97 00:92	9
1-Iso4ro4Etoluene	5D		0.g0	0.79	uL/B			08/93/97 00:92	9
y ethE tert-butE ether	5D		0.g0	0.76	uL/B			08/93/97 00:92	9
5 a4hthalene	5D		9.0	0.12	uL/B			08/93/97 00:92	9
5-Pro4EbenNene	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
9,9,9,7-Tetrachloroethane	5D		0.g0	0.96	uL/B			08/93/97 00:92	9

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Client Sample ID: WGC-RW01-081312

Lab Sample ID: 680-82014-1

Date Collected: 08/13/12 11:35

Matrix: Drinking Water

Date Received: 08/14/12 09:41

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9,9,7,7-Tetrachloroethane	5D		0.g0	0.98	uL/B			08/93/97 00:92	9
9,7,2-TrichlorobenNene	5D		0.g0	0.91	uL/B			08/93/97 00:92	9
Trichlorofluoromethane	5D		0.g0	0.72	uL/B			08/93/97 00:92	9
9,7,2-Trichloro4ro4ane	5D		0.g0	0.98	uL/B			08/93/97 00:92	9
9,7,1-TrimethEbenNene	5D		0.g0	0.93	uL/B			08/93/97 00:92	9
9,2,g-TrimethEbenNene	5D		0.g0	0.96	uL/B			08/93/97 00:92	9
o-XEne	5D		0.g0	0.73	uL/B			08/93/97 00:92	9
m-XEne & 4-XEne	5D		0.g0	0.17	uL/B			08/93/97 00:92	9
Acetone	5D		90	g.0	uL/B			08/93/97 00:92	9
7-z utanone (y pK)	5D		90	g.0	uL/B			08/93/97 00:92	9
1-y ethE-7-4entanone (y lzK)	5D		90	g.0	uL/B			08/93/97 00:92	9
7-Hexanone	5D		90	g.0	uL/B			08/93/97 00:92	9
Trichloroethene	5D		0.g0	0.23	uL/B			08/93/97 00:92	9
XEnes, Total	5D		0.g0	0.73	uL/B			08/93/97 00:92	9
Trihalomethanes, Total	5D		0.g0	0.7V	uL/B			08/93/97 00:92	9
Tert-butE ethE ether	5D		0.g0	0.76	uL/B			08/93/97 00:92	9
Diiso4ro4E ether	5D		0.g0	0.78	uL/B			08/93/97 00:92	9
Freon 992	5D		0.g0	0.9g	uL/B			08/93/97 00:92	9
Tert-amE methE ether	5D		0.g0	0.70	uL/B			08/93/97 00:92	9
9,2-Dichloro4ro4ene, Total	5D		0.g0	0.27	uL/B			08/93/97 00:92	9
tert-z utE alcohol	5D		7.0	9.6	uL/B			08/93/97 00:92	9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		70 - 130		08/17/12 00:13	1
1,2-Dichlorobenzene-d4	77		70 - 130		08/17/12 00:13	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-246918/6

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
zenNene	5D		0.g0	0.98	uL/B			08/96/97 9g:g8	9
Carbon tetrac3loride	5D		0.g0	0.77	uL/B			08/96/97 9g:g8	9
C3lorobenNene	5D		0.g0	0.72	uL/B			08/96/97 9g:g8	9
9,7-Dic3lorobenNene	5D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
9,1-Dic3lorobenNene	5D		0.g0	0.98	uL/B			08/96/97 9g:g8	9
9,7-Dic3loroet3ane	5D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
9,9-Dic3loroet3ene	5D		0.g0	0.h7	uL/B			08/96/97 9g:g8	9
cis-9,7-Dic3loroet3ene	5D		0.g0	0.h2	uL/B			08/96/97 9g:g8	9
trans-9,7-Dic3loroet3ene	5D		0.g0	0.71	uL/B			08/96/97 9g:g8	9
9,7-Dic3loro4ro4ane	5D		0.g0	0.1g	uL/B			08/96/97 9g:g8	9
pt3EbenNene	5D		0.g0	0.97	uL/B			08/96/97 9g:g8	9
y et3Eene C3loride	5D		0.g0	0.h6	uL/B			08/96/97 9g:g8	9
StEene	5D		0.g0	0.78	uL/B			08/96/97 9g:g8	9
Tetrac3loroet3ene	5D		0.g0	0.h0	uL/B			08/96/97 9g:g8	9
Toluene	5D		0.g0	0.7h	uL/B			08/96/97 9g:g8	9
9,7,1-Tric3lorobenNene	5D		0.g0	0.98	uL/B			08/96/97 9g:g8	9
9,9,9-Tric3loroet3ane	5D		0.g0	0.72	uL/B			08/96/97 9g:g8	9
9,9,7-Tric3loroet3ane	5D		0.g0	0.77	uL/B			08/96/97 9g:g8	9
MnE c3loride	5D		0.g0	0.hh	uL/B			08/96/97 9g:g8	9
C3loroform	5D		0.g0	0.7V	uL/B			08/96/97 9g:g8	9
Dic3lorobromomet3ane	5D		9.0	0.g1	uL/B			08/96/97 9g:g8	9
z romoform	5D		0.g0	0.hV	uL/B			08/96/97 9g:g8	9
C3lorodibromomet3ane	5D		0.g0	0.1h	uL/B			08/96/97 9g:g8	9
z romobenNene	5D		0.g0	0.17	uL/B			08/96/97 9g:g8	9
C3lorobromomet3ane	5D		0.g0	0.h0	uL/B			08/96/97 9g:g8	9
z romomet3ane	5D		9.0	0.1g	uL/B			08/96/97 9g:g8	9
n-z utEbenNene	5D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
sec-z utEbenNene	5D		0.g0	0.91	uL/B			08/96/97 9g:g8	9
tert-z utEbenNene	5D		0.g0	0.91	uL/B			08/96/97 9g:g8	9
C3loroet3ane	5D		9.0	0.hh	uL/B			08/96/97 9g:g8	9
C3loromet3ane	5D		0.g0	0.h7	uL/B			08/96/97 9g:g8	9
7-C3lorotoluene	5D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
1-C3lorotoluene	5D		0.g0	0.96	uL/B			08/96/97 9g:g8	9
9,7-Dibromo-h-C3loro4ro4ane	5D		0.g0	0.h0	uL/B			08/96/97 9g:g8	9
pt3Eene Dibromide	5D		0.g0	0.70	uL/B			08/96/97 9g:g8	9
Dibromomet3ane	5D		0.g0	0.h8	uL/B			08/96/97 9g:g8	9
9,h-Dic3lorobenNene	5D		0.g0	0.91	uL/B			08/96/97 9g:g8	9
Dic3lorodifluoromet3ane	5D		0.g0	0.h1	uL/B			08/96/97 9g:g8	9
9,9-Dic3loroet3ane	5D		0.g0	0.hV	uL/B			08/96/97 9g:g8	9
9,h-Dic3loro4ro4ane	5D		0.g0	0.1h	uL/B			08/96/97 9g:g8	9
7,7-Dic3loro4ro4ane	5D		0.g0	0.h9	uL/B			08/96/97 9g:g8	9
9,9-Dic3loro4ro4ene	5D		0.g0	0.9V	uL/B			08/96/97 9g:g8	9
cis-9,h-Dic3loro4ro4ene	5D		0.g0	0.h7	uL/B			08/96/97 9g:g8	9
trans-9,h-Dic3loro4ro4ene	5D		0.g0	0.18	uL/B			08/96/97 9g:g8	9
Hexac3lorobutadiene	5D		0.g0	0.76	uL/B			08/96/97 9g:g8	9
Iso4ro4EbenNene	5D		0.g0	0.9g	uL/B			08/96/97 9g:g8	9
1-Iso4ro4Etoluene	5D		0.g0	0.79	uL/B			08/96/97 9g:g8	9
y et3E tert-butE et3er	5D		0.g0	0.76	uL/B			08/96/97 9g:g8	9
5 a43t3alene	5D		9.0	0.1h	uL/B			08/96/97 9g:g8	9

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-246918/6

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
5-Pro4EbenNene	5 D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
9,9,9,7-Tetrac3loroet3ane	5 D		0.g0	0.96	uL/B			08/96/97 9g:g8	9
9,9,7,7-Tetrac3loroet3ane	5 D		0.g0	0.98	uL/B			08/96/97 9g:g8	9
9,7,h-Tric3lorobenNene	5 D		0.g0	0.91	uL/B			08/96/97 9g:g8	9
Tric3lorofluoromet3ane	5 D		0.g0	0.7h	uL/B			08/96/97 9g:g8	9
9,7,h-Tric3loro4ro4ane	5 D		0.g0	0.98	uL/B			08/96/97 9g:g8	9
9,7,1-Trimet3EbenNene	5 D		0.g0	0.92	uL/B			08/96/97 9g:g8	9
9,h,g-Trimet3EbenNene	5 D		0.g0	0.96	uL/B			08/96/97 9g:g8	9
o-XEene	5 D		0.g0	0.72	uL/B			08/96/97 9g:g8	9
m-XEene & 4-XEene	5 D		0.g0	0.17	uL/B			08/96/97 9g:g8	9
Acetone	5 D		90	g.0	uL/B			08/96/97 9g:g8	9
7-z utanone (y pK)	5 D		90	g.0	uL/B			08/96/97 9g:g8	9
1-y et3E-7-4entanone (y lzK)	5 D		90	g.0	uL/B			08/96/97 9g:g8	9
7-Hexanone	5 D		90	g.0	uL/B			08/96/97 9g:g8	9
Tric3loroet3ene	5 D		0.g0	0.h2	uL/B			08/96/97 9g:g8	9
XEenes, Total	5 D		0.g0	0.72	uL/B			08/96/97 9g:g8	9
Tri3alomet3anes, Total	5 D		0.g0	0.7V	uL/B			08/96/97 9g:g8	9
Tert-butE et3E et3er	5 D		0.g0	0.76	uL/B			08/96/97 9g:g8	9
Diiso4ro4E et3er	5 D		0.g0	0.78	uL/B			08/96/97 9g:g8	9
Freon 99h	5 D		0.g0	0.9g	uL/B			08/96/97 9g:g8	9
Tert-amE met3E et3er	5 D		0.g0	0.70	uL/B			08/96/97 9g:g8	9
9,h-Dic3loro4ro4ene, Total	5 D		0.g0	0.h7	uL/B			08/96/97 9g:g8	9
tert-z utE alco3ol	5 D		7.0	9.6	uL/B			08/96/97 9g:g8	9

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130		08/16/12 15:58	1
1,2-Dichlorobenzene-d4	85		70 - 130		08/16/12 15:58	1

Lab Sample ID: LCS 680-246918/3

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
zenNene	70.0	70.6		uL/B		90h	20 - 9h0
Carbon tetrac3loride	70.0	79.7		uL/B		906	20 - 9h0
C3lorobenNene	70.0	70.8		uL/B		901	20 - 9h0
9,7-Dic3lorobenNene	70.0	70.1		uL/B		907	20 - 9h0
9,1-Dic3lorobenNene	70.0	79.7		uL/B		906	20 - 9h0
9,7-Dic3loroet3ane	70.0	9V.2		uL/B		VV	20 - 9h0
9,9-Dic3loroet3ane	70.0	70.2		uL/B		90h	20 - 9h0
cis-9,7-Dic3loroet3ane	70.0	70.g		uL/B		907	20 - 9h0
trans-9,7-Dic3loroet3ane	70.0	70.2		uL/B		901	20 - 9h0
9,7-Dic3loro4ro4ane	70.0	70.g		uL/B		90h	20 - 9h0
pt3EbenNene	70.0	79.1		uL/B		902	20 - 9h0
y et3Eene C3loride	70.0	9V.2		uL/B		VV	20 - 9h0
StErene	70.0	98.6		uL/B		Vh	20 - 9h0
Tetrac3loroet3ane	70.0	70.h		uL/B		909	20 - 9h0
Toluene	70.0	79.h		uL/B		902	20 - 9h0
9,7,1-Tric3lorobenNene	70.0	92.2		uL/B		88	20 - 9h0

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-246918/3

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
9,9,9-Tric3loroet3ane	70.0	70.8		uL/B		901	20 - 9h0
9,9,7-Tric3loroet3ane	70.0	70.8		uL/B		901	20 - 9h0
MnEt c3loride	70.0	9V.0		uL/B		Vg	20 - 9h0
C3loroform	70.0	70.7		uL/B		909	20 - 9h0
Dic3lorobromomet3ane	70.0	70.6		uL/B		90h	20 - 9h0
z romoform	70.0	98.g		uL/B		V7	20 - 9h0
C3lorodibromomet3ane	70.0	79.2		uL/B		90V	20 - 9h0
z romobenNene	70.0	70.g		uL/B		90h	20 - 9h0
C3lorobromomet3ane	70.0	70.6		uL/B		90h	20 - 9h0
z romomet3ane	70.0	70.6		uL/B		90h	20 - 9h0
n-z utEbenNene	70.0	96.1		uL/B		87	20 - 9h0
sec-z utEbenNene	70.0	98.1		uL/B		V7	20 - 9h0
tert-z utEbenNene	70.0	70.8		uL/B		901	20 - 9h0
C3loroet3ane	70.0	9V.6		uL/B		V8	20 - 9h0
C3loromet3ane	70.0	9V.7		uL/B		V6	20 - 9h0
7-C3lorotoluene	70.0	79.7		uL/B		906	20 - 9h0
1-C3lorotoluene	70.0	79.7		uL/B		906	20 - 9h0
9,7-Dibromo-h-C3loro4ro4ane	70.0	98.6		uL/B		Vh	20 - 9h0
pt3Eene Dibromide	70.0	70.g		uL/B		907	20 - 9h0
Dibromomet3ane	70.0	70.1		uL/B		907	20 - 9h0
9,h-Dic3lorobenNene	70.0	70.2		uL/B		901	20 - 9h0
Dic3lorodifluoromet3ane	70.0	70.6		uL/B		90h	20 - 9h0
9,9-Dic3loroet3ane	70.0	70.g		uL/B		90h	20 - 9h0
9,h-Dic3loro4ro4ane	70.0	70.1		uL/B		907	20 - 9h0
7,7-Dic3loro4ro4ane	70.0	77.1		uL/B		997	20 - 9h0
9,9-Dic3loro4ro4ene	70.0	70.0		uL/B		900	20 - 9h0
cis-9,h-Dic3loro4ro4ene	70.0	77.9		uL/B		990	20 - 9h0
trans-9,h-Dic3loro4ro4ene	70.0	79.8		uL/B		90V	20 - 9h0
Hexac3lorobutadiene	70.0	70.6		uL/B		90h	20 - 9h0
Iso4ro4EbenNene	70.0	79.8		uL/B		90V	20 - 9h0
1-Iso4ro4Etoluene	70.0	96.V		uL/B		8g	20 - 9h0
y et3E tert-butE et3er	96.0	92.0		uL/B		906	20 - 9h0
5 a43t3alene	70.0	98.9		uL/B		V9	20 - 9h0
5-Pro4EbenNene	70.0	79.7		uL/B		906	20 - 9h0
9,9,9,7-Tetrac3loroet3ane	70.0	79.h		uL/B		902	20 - 9h0
9,9,7,7-Tetrac3loroet3ane	70.0	70.g		uL/B		907	20 - 9h0
9,7,h-Tric3lorobenNene	70.0	92.g		uL/B		82	20 - 9h0
Tric3lorofluoromet3ane	70.0	9V.8		uL/B		VV	20 - 9h0
9,7,h-Tric3loro4ro4ane	70.0	9V.8		uL/B		VV	20 - 9h0
9,7,1-Trimet3EbenNene	70.0	96.2		uL/B		8h	20 - 9h0
9,h,g-Trimet3EbenNene	70.0	98.h		uL/B		V9	20 - 9h0
o-XEene	70.0	79.V		uL/B		90V	20 - 9h0
m-XEene & 4-XEene	10.0	1h.6		uL/B		90V	20 - 9h0
Acetone	10.0	hV.7		uL/B		V8	20 - 9h0
7-z utanone (y pK)	10.0	hV.6		uL/B		VV	20 - 9h0
1-y et3E-7-4entanone (y lzK)	10.0	19.2		uL/B		901	20 - 9h0
7-Hexanone	10.0	19.1		uL/B		901	20 - 9h0
Tric3loroet3ene	70.0	70.9		uL/B		900	20 - 9h0
XEenes, Total	60.0	6g.g		uL/B		90V	20 - 9h0
Tert-butE et3E et3er	96.0	92.8		uL/B		999	20 - 9h0

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-246918/3

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diiso4ro4E et3er	96.0	92.1		uL/B		90V	20 - 9h0
Freon 99h	96.0	92.7		uL/B		908	20 - 9h0
Tert-amE met3E et3er	96.0	9V.9		uL/B		99V	20 - 9h0
9,h-Dic3loro4ro4ene, Total	10.0	1h.V		uL/B		990	20 - 9h0
tert-z utE alco3ol	80.0	28.8		uL/B		V8	20 - 9h0

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130
1,2-Dichlorobenzene-d4	99		70 - 130

Lab Sample ID: LCSD 680-246918/4

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
z enNene	70.0	70.g		uL/B		907	20 - 9h0	9	h0
Carbon tetrac3loride	70.0	79.7		uL/B		906	20 - 9h0	0	h0
C3lorobenNene	70.0	79.0		uL/B		90g	20 - 9h0	9	h0
9,7-Dic3lorobenNene	70.0	70.9		uL/B		909	20 - 9h0	7	h0
9,1-Dic3lorobenNene	70.0	70.V		uL/B		90g	20 - 9h0	7	h0
9,7-Dic3loroet3ane	70.0	9V.6		uL/B		V8	20 - 9h0	9	h0
9,9-Dic3loroet3ene	70.0	70.8		uL/B		901	20 - 9h0	9	h0
cis-9,7-Dic3loroet3ene	70.0	70.2		uL/B		901	20 - 9h0	9	h0
trans-9,7-Dic3loroet3ene	70.0	70.8		uL/B		901	20 - 9h0	0	h0
9,7-Dic3loro4ro4ane	70.0	70.h		uL/B		909	20 - 9h0	9	h0
pt3EbenNene	70.0	79.6		uL/B		908	20 - 9h0	9	h0
y et3Eene C3loride	70.0	9V.6		uL/B		V8	20 - 9h0	9	h0
StEene	70.0	98.g		uL/B		V7	20 - 9h0	9	h0
Tetrac3loroet3ene	70.0	70.6		uL/B		90h	20 - 9h0	7	h0
Toluene	70.0	79.6		uL/B		908	20 - 9h0	9	h0
9,7,1-Tric3lorobenNene	70.0	92.9		uL/B		86	20 - 9h0	h	h0
9,9,9-Tric3loroet3ane	70.0	70.6		uL/B		90h	20 - 9h0	9	h0
9,9,7-Tric3loroet3ane	70.0	70.6		uL/B		90h	20 - 9h0	9	h0
MnE c3loride	70.0	9V.6		uL/B		V8	20 - 9h0	h	h0
C3loroform	70.0	70.7		uL/B		909	20 - 9h0	0	h0
Dic3lorobromomet3ane	70.0	70.6		uL/B		90h	20 - 9h0	0	h0
z romoform	70.0	98.6		uL/B		Vh	20 - 9h0	9	h0
C3lorodibromomet3ane	70.0	79.7		uL/B		906	20 - 9h0	7	h0
z romobenNene	70.0	70.2		uL/B		90h	20 - 9h0	9	h0
C3lorobromomet3ane	70.0	70.h		uL/B		907	20 - 9h0	7	h0
z romomet3ane	70.0	92.7		uL/B		86	20 - 9h0	98	h0
n-z utEbenNene	70.0	96.V		uL/B		81	20 - 9h0	h	h0
sec-z utEbenNene	70.0	98.g		uL/B		Vh	20 - 9h0	9	h0
tert-z utEbenNene	70.0	70.2		uL/B		901	20 - 9h0	0	h0
C3loroet3ane	70.0	9V.V		uL/B		VV	20 - 9h0	7	h0
C3loromet3ane	70.0	9V.9		uL/B		V6	20 - 9h0	9	h0
7-C3lorotoluene	70.0	79.9		uL/B		906	20 - 9h0	0	h0
1-C3lorotoluene	70.0	79.0		uL/B		90g	20 - 9h0	9	h0
9,7-Dibromo-h-C3loro4ro4ane	70.0	98.V		uL/B		V1	20 - 9h0	9	h0

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IB

TestAmerica Job ID: 680-87091-9

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-246918/4

Matrix: Water

Analysis Batch: 246918

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
pt3Ene Dibromide	70.0	70.6		uL/B		90h	20 - 9h0	0	h0	
Dibromomet3ane	70.0	9V.V		uL/B		900	20 - 9h0	h	h0	
9,h-Dic3lorobenNene	70.0	70.g		uL/B		907	20 - 9h0	9	h0	
Dic3lorodifluoromet3ane	70.0	70.h		uL/B		909	20 - 9h0	7	h0	
9,9-Dic3loroet3ane	70.0	70.6		uL/B		90h	20 - 9h0	0	h0	
9,h-Dic3loro4ro4ane	70.0	70.h		uL/B		909	20 - 9h0	9	h0	
7,7-Dic3loro4ro4ane	70.0	77.9		uL/B		990	20 - 9h0	7	h0	
9,9-Dic3loro4ro4ene	70.0	70.h		uL/B		907	20 - 9h0	9	h0	
cis-9,h-Dic3loro4ro4ene	70.0	79.2		uL/B		90V	20 - 9h0	7	h0	
trans-9,h-Dic3loro4ro4ene	70.0	79.8		uL/B		90V	20 - 9h0	0	h0	
Hexac3lorobutadiene	70.0	9V.6		uL/B		V8	20 - 9h0	g	h0	
Iso4ro4EbenNene	70.0	79.6		uL/B		908	20 - 9h0	9	h0	
1-Iso4ro4Etoluene	70.0	92.7		uL/B		86	20 - 9h0	9	h0	
y et3E tert-butE et3er	96.0	92.0		uL/B		906	20 - 9h0	0	h0	
5 a43t3alene	70.0	92.V		uL/B		V0	20 - 9h0	9	h0	
5-Pro4EbenNene	70.0	79.7		uL/B		906	20 - 9h0	0	h0	
9,9,9,7-Tetrac3loroet3ane	70.0	79.0		uL/B		90g	20 - 9h0	7	h0	
9,9,7,7-Tetrac3loroet3ane	70.0	70.7		uL/B		909	20 - 9h0	9	h0	
9,7,h-Tric3lorobenNene	70.0	92.9		uL/B		86	20 - 9h0	7	h0	
Tric3lorofluoromet3ane	70.0	9V.h		uL/B		V2	20 - 9h0	7	h0	
9,7,h-Tric3loro4ro4ane	70.0	9V.V		uL/B		VV	20 - 9h0	0	h0	
9,7,1-Trimet3EbenNene	70.0	96.V		uL/B		8g	20 - 9h0	9	h0	
9,h,g-Trimet3EbenNene	70.0	98.0		uL/B		V0	20 - 9h0	7	h0	
o-XEne	70.0	79.2		uL/B		908	20 - 9h0	9	h0	
m-XEne & 4-XEne	10.0	1h.g		uL/B		90V	20 - 9h0	0	h0	
Acetone	10.0	10.1		uL/B		909	20 - 9h0	h	h0	
7-z utanone (y pK)	10.0	10.7		uL/B		909	20 - 9h0	7	h0	
1-y et3E-7-4entanone (y lzK)	10.0	17.6		uL/B		906	20 - 9h0	7	h0	
7-Hexanone	10.0	17.g		uL/B		906	20 - 9h0	h	h0	
Tric3loroet3ene	70.0	70.h		uL/B		909	20 - 9h0	9	h0	
XEenes, Total	60.0	6g.7		uL/B		90V	20 - 9h0	0	h0	
Tert-butE et3E et3er	96.0	92.V		uL/B		997	20 - 9h0	9	h0	
Diiso4ro4E et3er	96.0	92.g		uL/B		990	20 - 9h0	9	h0	
Freon 99h	96.0	96.g		uL/B		90h	20 - 9h0	1	h0	
Tert-amE met3E et3er	96.0	98.V		uL/B		998	20 - 9h0	9	h0	
9,h-Dic3loro4ro4ene, Total	10.0	1h.g		uL/B		90V	20 - 9h0	9	h0	
tert-z utE alco3ol	80.0	87.V		uL/B		901	20 - 9h0	g	h0	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	103		70 - 130
1,2-Dichlorobenzene-d4	97		70 - 130

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

GC/MS VOA

Analysis Batch: 246918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82014-1	WGC-RW01-081312	Total/NA	Drinking Water	524.2	
LCS 680-246918/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-246918/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 680-246918/6	Method Blank	Total/NA	Water	524.2	

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Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

Client Sample ID: WGC-RW01-081312

Lab Sample ID: 680-82014-1

Date Collected: 08/13/12 11:35

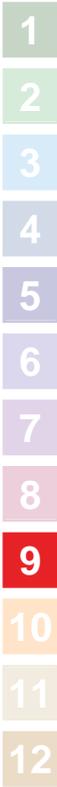
Matrix: Drinking Water

Date Received: 08/14/12 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	246918	08/17/12 00:13	WJC	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-82014-1

Login Number: 82014

List Number: 1

Creator: Conner, Keaton

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.
 Project/Site: Wedron Groundwater/Wedron,IL

TestAmerica Job ID: 680-82014-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	08-15-12
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAC	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-12
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-12
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Vermont	State Program	1	87052	11-16-12
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-12
Wyoming	State Program	8	8TMS-Q	06-30-13