

December 28, 2017

Mr. Kevin Collins Response & Remediation Program Georgia Environmental Protection Division 2 Martin Luther King Jr. Drive, SE, Suite 1054 Atlanta, Georgia 30334

RE: Voluntary Remediation Program Semi-Annual Progress Report #11

Tara Shopping Center 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia Tax Parcel ID 13242D B001: HSI Site No. 10798

Dear Mr. Collins,

On behalf of Ashland LLC (Ashland), EHS Support LLC (EHS Support) is submitting this Semi-Annual Progress Report #11 for the Site referenced above. Pursuant to the Voluntary Remediation Program (VRP) application conditional approved letter issued on June 28, 2012, semi-annual progress reports are submitted throughout the duration of the VRP program.

The purpose of this progress report is to provide a summary of corrective action activities completed between July and December 2017 in accordance with the Groundwater Correction Action Plan (Groundwater CAP). Specifically,

- Semi-annual monitoring of bedrock monitoring wells MW-16C, MW-19B/C/D, and MW-20C
- Semi-annual surface water sampling in the unnamed creek including, stormwater outfall location OF-2 and downgradient surface water locations SS-1, SS-2, and SS-3
- Monitoring well pad repairs at monitoring wells MW-13A/B/C and MW-19A/B/C/D
- Survey of surface water sample locations
- Soil vapor intrusion assessment activities

In addition, this progress report provides a revised VRP Remediation Schedule and a summation of the extensive remedial work completed by Ashland since 2006 (11 years) to support their request for VRP extension.

1.0 Groundwater Corrective Action Program

The Groundwater CAP was submitted on March 17, 2016 and was subsequently approved on August 22, 2016 by the Georgia EPD. The Groundwater CAP included an updated remediation schedule through 2019. The Groundwater CAP established the corrective action monitoring program outlined below, as well as, proposed groundwater streamlined uniform environmental covenants as institutional controls at seven offsite properties. Minor revisions to the Groundwater CAP were submitted on November 4, 2016. Groundwater CAP activities include:

• Semi-annual monitoring of select bedrock monitoring wells (C and D Zone) including MW-15C, MW-16C, MW-19B/C/D, MW-20C, and MW-24C



- Semi-annual surface water sampling in the unnamed creek including, stormwater outfall location OF-2 and downgradient surface water locations SS-1, SS-2, and SS-3
- Annual monitoring of select unconsolidated monitoring wells (A and B Zone) including MW13A/B, MW-15/B, and MW-16A/B
- Annual inspection and maintenance of the monitoring well network (36 monitoring wells and three creek survey points)
- Annual gauging of monitoring wells and stream gauge SG-1/SS-1 to verify groundwater flow direction
- Collection of groundwater samples via passive diffusion bag (PDB) samplers
- Analysis of volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) method 8260C
- Preparation of semi-annual VRP progress reports

1.1 Purpose

The purpose of the corrective action monitoring program is to collect a minimum of eight rounds of data from newer monitoring wells, such that a statistical evaluation can be completed. The corrective action monitoring program will be evaluated after the third (and final) annual event (April 2019) once the statistical trend analysis is complete. A summary of the corrective action monitoring program is provided as **Table 1**. The monitoring well network and surface water sampling locations are provided as **Figure 1**.

1.2 VRP Remediation Schedule

Per Georgia EPD's letter of correspondence dated February 28, 2017, Ashland will continue to submit semiannual progress reports by June 28 and December 28 until such time it is appropriate to submit the Compliance Status Report (CSR). Submittal of the CSR will be dependent upon completion remediation activities including assessment of vapor media and bringing surface water into compliance. The Remediation Schedule based on the three-year monitoring period proposed in the Groundwater CAP is presented as **Figure 2**.

Additional updates to the schedule are listed below.

- Effective 2018, groundwater sampling activities will be moved from June/December to April/October. The dates of semi-annual sampling have been shifted to provide expedited data review and reporting with Georgia EPD. Previously, sampling activities were conducted in June and December with semi-annual reports submitted approximately six months after each sampling event
- Soil vapor intrusion assessment activities are now included in the schedule
- Submittal of the CSR is currently proposed for September 30, 2019

1.3 Annual Monitoring Event (June 2017)

On June 26, 2017, the first annual corrective action monitoring event was conducted. Depth to groundwater measurements were recorded from the entire monitoring well network (36 monitoring wells). Groundwater samples were collected from 13 monitoring wells (MW-13A/B, MW-15A/B/C, MW-16A/B/C, MW-19B/C/D, MW-20C, and MW-24C). Surface water samples were collected from four locations (OF-1, SS-



1, SS-2, and SS-3) within the unnamed creek west of the Site. Refer to **Table 1** for a summary of the corrective action monitoring program.

The PDB samplers installed in December 2016 were retrieved. Groundwater samples were collected by decanting the water directly from the PDB into laboratory supplied bottleware. Groundwater samples were packed on ice and submitted to TestAmerica of Savannah, Georgia under chain of custody for analysis of VOCs using USEPA method 8260B.

At the verbal request of Georgia EPD on December 6, 2016, confirmation groundwater samples were additionally collected from two monitoring wells (MW-16A/B) using low-flow purging and sampling techniques in accordance with USEPA Science and Ecosystem Support Division Operating Procedure SESDPROC-301-R3. A copy of the purge forms is provided in **Appendix A**.

Surface water samples were collected in the following order: OF-2, SS-1, SS-2, and SS-3. Surface water samples were collected with a pre-cleaned, glass sampling cup and decanted directly into laboratory supplied bottleware. Surface water samples were packed on ice and submitted to TestAmerica of Savannah, Georgia under chain-of-custody for analysis of VOCs using USEPA Method 8260B.

At the completion of the corrective action monitoring event, a new PDB sampler and dedicated weight were installed within each of the sampled monitoring wells in preparation for the semi-annual corrective action monitoring event scheduled for December 2017. Each sampler was assembled with a 24-inch long, 1.75-inch diameter, 500-milliliter volume, poly-mesh sampler and a stainless-steel weight (8 or 20 ounce), and suspended within the well screen interval prior to tethering the suspension cable to the expandable well cap at grade. PDB supplies including laboratory grade de-ionized water were obtained from EON Products, Inc. of Snellville, Georgia. Analytical results are discussed in **Section 1.4**.

1.4 Semi-Annual Monitoring Event (December 2017)

On December 5, 2017, the semi-annual corrective action monitoring event was conducted. Groundwater samples were collected from six monitoring wells (MW-16C, MW-19B/C/D, and MW-20C). Surface water samples were collected from four locations (OF-1, SS-1, SS-2, and SS-3) within the unnamed creek west of the Site. Ashland was denied access to monitoring wells MW-15C and MW-24C located on Parcel 13242D A016; as a result, these wells were not sampled in December 2017 (Figure 1). Ashland continues to pursue access. Refer to **Table 1**.

The PDB samplers installed within the six monitoring wells in June 2017 were retrieved. Groundwater samples were collected by decanting the water directly from the PDB into laboratory supplied glassware. Surface water samples were collected with a pre-cleaned, glass sampling cup and decanted directly into laboratory supplied bottleware. All samples were packed on ice and submitted to TestAmerica of Savannah, Georgia under chain-of-custody for analysis of VOCs using USEPA Method 8260B. Analytical results are discussed in **Section 1.4**.

Similar to the above, at the completion of the sampling event, a new PDB sampler and dedicated weight were installed within each of the sampled monitoring wells in preparation for the next annual corrective action monitoring event scheduled for April 2018.



1.5 Results

Groundwater Flow Regime

Depth to water measurements from June 2017 were used to calculate groundwater elevations across the monitoring well network, both on-site and off-site. Groundwater elevation data is presented in **Table 2**. Potentiometric surface maps depicting groundwater flow direction within the upper and lower residuum and bedrock water bearing zones are provided as **Figure 3** through **Figure 5**. Based on the current monitoring well network, groundwater flow within the residuum and bedrock zones continues to flow to the west toward the unnamed creek. A depth to water measurement was not recorded at creek staff gauge SG-1/SS-1; therefore, the surface water elevation in the creek was not identified.

Groundwater

A tabulated summary of the groundwater analytical results, by parcel ID, is provided in **Table 3** through **Table 6**. Tetrachloroethene (PCE), and degradation products trichloroethene (TCE), cis-1,2-dichlorothene (cis-1,2-DCE), and/or vinyl chloride (VC) were identified above their respective Georgia Environmental Protection Division (EPD) Maximum Contaminate Level (MCL) in each well sampled with the exception of monitoring well MW-15C (June 2017 sampling event). Monitoring well MW-15C is centrally located, approximately 225 feet west and downgradient of the Site and 225 feet east and up gradient of the unnamed creek. Refer to **Figure 1** for the monitoring well locations.

Surface Water

A tabulated summary of analytical results between 2015 and 2017 is provided as **Table 7**. PCE and cis-1,2-DCE were detected above their respective Georgia Water Quality Standards at each location sampled. PCE was detected above the USEPA Chronic Ecological Screening Value of 53 micrograms per liter (μ g/L) in surface water samples collected at OF-2 at a concentration of 94 μ g/L (June 2017) and 60 μ g/L (December 2017), and SS-2 at a concentration of 67 μ g/L (December 2017 sampling event). All other surface water samples remained below the chronic ecological screen value. Concentrations are generally consistent with previous sampling results (i.e., less than an order of magnitude variance).

1.6 Discussion

Overall, VOC concentrations are consistent with previous sampling results with the exception of monitoring wells MW-19D and MW-24C. VOC concentrations in monitoring wells MW-19D and MW-24C exhibited higher concentrations during the last three sampling events using PDB samplers. Although comparison of results from PDB sampling and traditional low flow purging and sampling at monitoring wells MW-16A and MW-16B were very similar (Table 5); the increase in wells MW-19D and MW-24C may be a result of PDB use and may not be representative of groundwater quality. Ashland will evaluate collecting groundwater samples from these two wells using low flow purging and sampling methods and PDB samplers during the next sampling event.

No analytical or quality issues were noted. An electronic copy of the laboratory analytical reports is provided in **Appendix B**.



1.7 Annual Monitoring Well Inspection and Maintenance Activities

Flush-mount well pads and well vaults were replaced at seven (7) monitoring wells (MW-13A, MW-13B, MW-13B, MW-13B, MW-19B, MW-19C, MW-19D) during the week of October 23, 2017. These monitoring wells are located within heavy traffic areas and had sustained damage to pad and vaults. Each concrete pad and vault was replaced with a high traffic rated well vault and new concrete pad. Replacement activities were completed by GeoLab Drilling of Dacula, Georgia.

On December 6, 2017, surface water sampling locations SS-1, SS-2, and SS-3 were surveyed in the field by a licensed surveyor (Travis Pruitt and Associates). A semi-permanent marker (rebar) was installed at each location to aid in future sampling efforts (duplication of sample location).

2.0 Vapor Intrusion Evaluation

As discussed in the Groundwater CAP, groundwater data from the most recent comprehensive sampling event (July 2015) was used to initially evaluate the potential for complete exposure pathways through vapor intrusion for each impacted property using the U.S. Environmental Protection Agency (USEPA) Vapor Intrusion Screening Level (VISL) Calculator (USEPA, 2014). The preliminary results of the VISL screening indicated further evaluation was warranted to evaluate the vapor intrusion pathway. Four parcels were identified for initial vapor intrusion screening including: 13242D B001 (Site / 8564 Tara Boulevard), 13242D A001 (8639 Tara Boulevard); 13242D A012 (8633 Tara Boulevard) and 13242D B006Z/6 (8660 Tara Boulevard). Refer to **Figure 1**. These properties serve as a "surrogate" for other surrounding properties, in a fashion similar to Scenario 3 described in Interstate Technology & Regulatory Council (ITRC, 2007).

In October 2017, soil vapor assessment activities were initiated at the three properties identified below. The property owner of Parcel 13242D B006Z/6 did not provide approved for soil gas sampling; therefore, sampling activities were not complete.

Parcel ID	Property
13242D B001	Tara Shopping Center
	Tara Retail Holdings LLC (subject site)
13242D A001	Flint River Shopping Center
	KOB Investments LLC & ETAL
13242D A012	Outbuilding (Bail Bonds)
	Aaron Amblik ETAL

Soil vapor intrusions activities were completed in accordance with the site-specific soil vapor intrusion work plan. A brief summary of activities is provided below.

2.1 Vapor Implant Installation

During the week of October 23, 2017, 12 permanent soil vapor implants were installed for the purpose of evaluating soil vapor adjacent to buildings within or on the cusp of groundwater impacts associated with former dry-cleaning operations at the Tara Shopping Center. Shallow vapor implants were generally installed between 2-3 feet below grade and represent near building slab conditions. A single deep soil vapor implant was installed above the water table interface at each property. Soil vapor implants were installed by GeoLab Drilling of Dacula, Georgia. Each borehole was first cleared to five feet below grade using a



hand auger. A single deep boring was advanced using direct push drilling technologies to verify depth to water (and/or depth to bedrock, whichever was encountered first). Soil was screened in six-inch increments with a photoionization detector (PID) and field observations were noted on soil boring logs.

The soil vapor implant and tubing were inserted through the drive rod and the soil vapor implant probe was locked to the anchor point by rotating the threaded joints. Once the soil vapor implant was secured, the rods were retrieved. The annular space surrounding the sample screen was backfilled with sand to provide a sand pack. Bentonite was added to fill the annular space above the screen/sand pack. Each soil vapor implant probe was finished within a well vault, which was flush with the top of the pavement to minimize disturbance. Soil vapor implant depth details are provided on **Table 8**.

The soil vapor implant probe is constructed of a six-inch long, stainless steel, wired meshed screen and ¼-outer diameter (OD) Teflon tubing. Soil vapor implant construction logs, including a description soil lithology, concrete slab/asphalt thickness, headspace readings, and construction details will be provided with the results of sampling in the next semi-annual VRP report (due on or before June 28, 2018).

2.2 Sample Collection

Soil gas samples were collected between December 5 and 7, 2017 per the site-specific Soil Vapor Intrusion Work Plan dated November 21, 2016. Samples were collected into laboratory batch certified six liter (6L) stainless steel SUMMA canisters over a 30-minute period. Samples were shipped under chain-of-custody to TestAmerica Burlington, Vermont for analysis of VOCs via method TO-15.

Pending soil vapor analytical results will be evaluated using the USEPA VISL Calculator. Specifically, individual results will be evaluated against Target Sub-Slab and Exterior Soil Gas concentrations. The individual concentrations will be based on a commercial exposure scenario, and a target risk for carcinogens of 1.0x10⁻⁶, and a target hazard quotient for non-carcinogens of 0.1. A groundwater temperature of 25 degrees Celsius will be assumed. Further risk evaluation may be conducted via US EPA's 2017 revised Johnson and Ettinger (J&E) model spreadsheet tool as a second line of evidence, in accordance with GA EPD Vapor Intrusion Technical Guidance. Cumulative risks will be evaluated against a target risk for carcinogens of 1.0x10⁻⁵ and target hazard quotient for non-carcinogens of 1.0. The results of sampling and recommendations will be provided under separate cover. If the soil vapor analytical results indicate the need for supplemental soil vapor sampling and/or sub-slab or indoor air sampling, further discussions will be conducted with the GA EPD.

3.0 Potential Sale of Site

Representatives for Ashland were contacted by a potential buying agent for the Site. On November 27, 2017 Ashland reminded Tara Retail Holdings LLC via electronic correspondence of notification requirements per the Uniform Environmental Covenant.

4.0 Streamlined Uniform Environmental Covenants

Requests for Streamlined Uniform Environmental Covenants were submitted to the seven properties identified in the revised Groundwater CAP. Refer to **Table 9**. Ashland will continue to pursue groundwater use restrictions at these properties. Ashland, with support of counsel, have developed a communication plan that will be implemented in 2018 to pursue finalization of these covenants.



5.0 VRP Status

On November 14, 2017, representatives for Ashland and the Georgia EPD discussed the status of this project and its progress in the VRP. The Georgia EPD requested Ashland provide further rationalization beyond the extended schedule included in the CAP for extending the VRP timeframe through 2019. This section of the progress report provides expanded justification for our request.

Ashland has always maintained it was not responsible for releases to the environment at the former dry cleaner property (Site); but, as a responsible care company, has acted in good faith to lead investigation and remedial action of groundwater while the property owner was to address soil impacts. In 2011, Ashland has worked with the property owner to move the project through the VRP when the property owner failed to meet its obligation under the Hazardous Waste program. Since 2006, Ashland has invested more than \$5MM to investigate/remediate a property where it is not responsible for the releases. Extensive work completed by Ashland over the past 12 years includes:

- Installed, maintained and sampled 54 monitoring wells between 2006 and 2017 (12 years);
- Collected surface water samples between 2009 and 2017 (9 years) from the unnamed creek west of the Site, including expansive delineation of surface water in 2011;
- Completed the Preliminary Risk Evaluation (PRE) for aquatic impacts in 2011 and developed of a white paper for Water Quality Standards for PCE (2012);
- Implemented a pilot test for insitu groundwater remediation using potassium permanganate in 2010. The results of the year-long pilot test and the preliminary groundwater conceptual site model identifying the creek as the receptor and set the stage for off-site groundwater investigation to the west. (Refer to the Pilot Test Effectiveness Report and Groundwater Corrective Action Investigation Workplan, dated July 8, 2011);
- Worked closely with Georgia EPD during this time (with three different Georgia EPD case managers) to obtain access agreements with properties west of Tara Boulevard. In 2015 (3 years into the VRP), Ashland successfully gained access to the parcel to the north of the creek;
- Entered into the VRP program in 2012, reassessed the remedial technology to best address soil impacts, and implemented soil remediation with a performance guarantee from the remediation contractor. These activities were completed between June and November 2013 and included asbestos abatement, building demolition, soil disposal, and insitu soil remediation nearly 30 feet in depth without incident at the Site.
- Compiled and summarized all the data collected at the site since 2006 into the final Soil Remediation Report, submitted to EPD March 14, 2014.
- Established aUniform Environmental Covenant for the Site on August 12, 2015.
- In early 2016, less than a year from final well installation, submitted the Groundwater Corrective Action Plan that included an Ecological Risk Evaluation and Human Health Risk Evaluation and proposed institutional controls for off-site groundwater impacts and initial vapor intrusion evaluation, with a contingency plan.
- In 2017, as soon as access agreement addendums were approved, installed 12 soil vapor implants
 across three target properties. Those locations have since been sampled and data results are
 pending.
- Continued efforts to engage off-site properties owners and in general, maintained positive relationships with nearly 10 off-site property owners.
- Persevered and sought support from Georgia EPD when necessary to help progress access off-site.



The above activities underscore Ashland's very proactive work to timely and effectively address and improve site conditions. The Site is now in the final stages of the Groundwater CAP. On-going monitoring (groundwater and surface water) will continue as set forth in the revised schedule. In addition, Ashland will continue to pursue Streamlined Uniform Environmental Covenants for the seven off-site properties per the CAP. As we enter the final stages of closing this project, Ashland would like to remind the agency of all of its contributions to protect human and health of the environment. Ashland respectfully requests that the Georgia EPD provide formal approval of the VRP extension to ensure VRP program success at this Site.

6.0 Upcoming Work

The next annual groundwater sampling event is scheduled for April 2018. The next semi-annual progress report will be submitted by June 28, 2018. The results of vapor intrusion assessment activities will be provided in this next progress report.

7.0 Professional Engineer/Geologist Time

Professional engineer and geologist time during this reporting period were nominal; therefore, a tabulated summary is not provided.

If you should have any questions regarding the information presented in this progress report, please contact me at michelle.stayrook@ehs-support.com or 412-807-1494.

Sincerely,

Michelle Stayrook EHS Support

Michelle Stayrook

Project Manager

Attachments

cc: Chrissy Piechoski, Ashland (email)

Rich Williams, Esq., Ashland (email) Eric Nathan, Tara Retail Holdings, Inc. Amy Magee, King and Spalding (email) Jonathan Waddell, P.E. EHS Support (email)

Kris Spikes, EHS Support, LLC (email)



CERTIFICATION

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long-term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Printed Name and GA PE/PG Number

Signature and Stamp





TABLES

Well Identification	Location	Parcel Identification	Analysis	Annual Groundwater Monitoring Event (June 2017)	Well Repair (October 2017)	Semi-Annual Groundwater Monitoring Event (December 2017)
MW-13A	Lumsden Property	13242D B006	USEPA 8260	Х	Х	-
MW-13B			PDB Samplers	X	X	-
MW-13C				-	X	-
MW-15A	State of Georgia	East of		X	-	-
MW-15B	Right of Way	13242D A012		X	-	-
MW-16A		East of		X ⁽¹⁾	-	-
MW-16B		13242D A001		X ⁽¹⁾	-	-
MW-16C				X	-	Χ
MW-15C	CB Management	13242D A016		X	-	Not Accessible (2)
MW-24C				X	-	Not Accessible (2)
MW-19A	Flint River Shopping	13242D A001		-	X	-
MW-19B	Center			X	-	Х
MW-19C				X	X	Χ
MW-19D				X	X	Χ
MW-20C				X	-	Χ
OF-2	Unnamed Creek	-		X	-	Х
SS-1				X	-	X ⁽³⁾
SS-2				X	-	X ⁽³⁾
SS-3				Х	-	X ⁽³⁾

⁽¹⁾ Passive and Low Flow Sampling methodologies completed for comparison.

All wells were inspected and gauged in June 2017.

Well Repairs: replace well vault and pad with heavy duty traffic grade vault.



⁽²⁾ CB Management denied access to property subsequent to June 2017 sampling event.

⁽³⁾ Surface Water (SS) sample locations surveyed in the field December 7, 2017.

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Well Identification	Location	Parcel Identification	Water Bearing Unit	Date Installed	Date of Last Survey	Top of Casing Elevation (ft. above MSL)	Ground Surface Elevation (ft. above MSL)	Depth to Water (ft-TOC)	Total Depth (ft-TOC)	Groundwater Elevation (ft. above MSL)
MW-3A	Site	13242D B001	Shallow	5/3/2006	7/24/2013	892.41	892.70	21.02	25.17	871.39
MW-4A	Lumsden	13242D B006	Shallow	4/28/2006	7/24/2013	884.63	884.96	13.21	25.11	871.42
MW-5A	Lumsden	13242D B006	Shallow	5/1/2006	7/24/2013	883.48	883.72	13.41	24.94	870.07
MW-5B	Lumsden	13242D B006	Intermediate	5/1/2006	7/24/2013	883.43	883.72	13.54	45.28	869.89
MW-5C	Lumsden	13242D B006	Bedrock	4/10/2008	7/24/2013	883.64	883.88	15.82	90.05	867.82
MW-7B	Site	13242D B001	Intermediate	7/26/2006	7/24/2013	896.93	897.15	27.32	32.96	869.61
MW-8A	Site	13242D B001	Shallow	7/26/2006	7/24/2013	895.14	895.27	26.02	31.78	869.12
MW-8B	Site	13242D B001	Intermediate	7/26/2006	7/24/2013	895.02	895.26	25.94	57.33	869.08
MW-8C	Site	13242D B001	Bedrock	4/10/2008	7/24/2013	895.04	895.27	30.85	85.14	864.19
MW-9A	Site	13242D B001	Shallow	7/25/2006	7/24/2013	891.65	892.20	20.95	30.28	870.70
MW-10A	Site	13242D B001	Shallow	2/19/2008	11/12/2014	896.76	897.09	26.74	37.98	870.02
MW-10B	Site	13242D B001	Intermediate	2/19/2008	11/12/2014	896.55	896.95	26.57	49.49	869.98
MW-10C	Site	13242D B001	Bedrock	4/10/2008	11/12/2014	896.65	896.99	31.39	88.07	865.26
MW-11A	Khan	13242D B001A	Shallow	2/20/2008	11/12/2014	893.90	894.24	24.85	30.14	869.05
MW-11B	Khan	13242D B001A	Intermediate	2/20/2008	11/12/2014	893.79	894.18	24.45	56.78	869.34
MW-11C	Khan	13242D B001A	Bedrock	4/10/2008	11/12/2014	894.06	894.41	25.17	87.94	868.89
MW-13A	Lumsden	13242D B006	Shallow	3/27/2008	7/24/2013	881.08	881.35	9.86	24.35	871.22
MW-13B	Lumsden	13242D B006	Intermediate	3/27/2008	7/24/2013	881.09	881.30	10.24	71.93	870.85
MW-13C	Lumsden	13242D B006	Bedrock	10/15/2008	7/24/2013	881.16	881.36	10.46	68.12	870.70
MW-14A	Site	13242D B001	Shallow	2/20/2008	7/24/2013	899.70	899.86	26.47	35.84	873.23
MW-15A	ROW	-	Shallow	9/18/2008	7/24/2013	888.05	888.30	20.37	37.59	867.68
MW-15B	ROW	-	Intermediate	9/19/2008	7/24/2013	888.09	888.30	20.46	47.75	867.63
MW-15C	CB Mgmt	13242D A016	Bedrock	6/11/2015	7/16/2015	890.47	890.73	28.41	69.71	862.06
MW-16A	ROW	-	Shallow	9/18/2008	7/24/2013	879.48	879.90	12.28	32.57	867.20
MW-16B	ROW	-	Intermediate	9/19/2008	7/24/2013	879.65	879.90	12.33	43.43	867.32
MW-16C	ROW	-	Bedrock	10/14/2008	7/24/2013	878.84	878.97	14.19	67.93	864.65
MW-18A	Al Karim	13242D B007	Shallow	11/27/2012	7/24/2013	888.29	888.63	17.65	30.11	870.64
MW-18B	Al Karim	13242D B007	Intermediate	11/27/2012	7/24/2013	888.23	888.60	17.79	56.56	870.44
MW-19A	FRSC	13242D A001	Shallow	12/5/2012	7/24/2013	879.94	880.10	13.62	34.21	866.32
MW-19B	FRSC	13242D A001	Intermediate	12/5/2012	7/24/2013	880.17	880.32	14.11	60.17	866.06
MW-19C	FRSC	13242D A001	Bedrock	12/4/2012	7/24/2013	880.01	880.21	14.28	84.71	865.73
MW-19D	FRSC	13242D A001	Bedrock	9/2/2014	11/12/2014	880.08	880.35	15.26	105.52	864.82
MW-20C	FRSC	13242D A001	Bedrock	12/4/2012	7/24/2013	875.44	875.75	18.89	44.93	856.55
MW-21B	FRSC	13242D A001	Intermediate	8/29/2014	11/12/2014	871.40	871.74	13.53	39.55	857.87
MW-21C	FRSC	13242D A001	Bedrock	8/29/2014	11/12/2014	871.41	871.76	14.30	74.77	857.11
MW-24C	CB Mgmt	13242D A016	Bedrock	6/10/2015	7/16/2015	884.57	884.57	35.76	43.52	848.81
STREAM GAUGE (SG)	Creek		Surface Water	7/24/2013	7/24/2013	854.74	NR	NR	NR	NR

Notes:

(ft. bgs) = feet below ground surface

(ft) = feet

(ft-TOC) = feet below top of inner PVC casing

(ft. above MSL) = feet above mean sea level

NR = Not recorded



Lumsden Properties LLC 8660 Tara Boulevard, Jonesboro, GA 13242D B006 and B006Z

Well Sample ID					MW-13A							MW-13B			
Installation Date					3/27/2008							3/27/2008			
Screen Interval (feet below grade)	Georgia				14-24							62-72			
Water Bearing Unit	Maximum				Upper Residuum]						Lower Residuun	า		
Lab Sample Number	Contaminant	680-34822-18	NA	680-50212-10	680-68710-5	680-90201-12	680-114574-16	680-140434-2	680-34822-17	NA	680-50212-9	680-68710-6	680-90177-11	680-114574-5	680-140434-1
Sampling Date	Levels (MCLs)	3/6/2008	10/21/2008	8/24/2009	5/23/2011	5/9/2013	7/15/2015	6/26/2017	3/6/2008	10/21/2008	8/24/2009	5/23/2011	5/8/2013	7/14/2015	6/26/2017
Matrix	for Drinking	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor	Water	20		20	25	1	1	1	1		1	1	1	1	1
Units	μg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Method		LFPS	LFPS	LFPS	LFPS	LFPS	LFPS	PDB	LFPS	LFPS	LFPS	LFPS	LFPS	LFPS	PDB
GC/MS VOA - 8260B		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
VOC Constituents of Concern															
Tetrachloroethene	5	1400	1000	1200	1200	17	750 D	25	17	4.1	14	20	27	290 D	53
Trichloroethene	5	640	500	840	800	29	730 D	37	2.2	1 U	5.4	5.5	4.1	130	12
cis-1,2-Dichloroethene	70	1300	1300	2300	2300	120	2000 D	60	9.1	3.1	12	21	16	130	64
Vinyl chloride	2	31	NA	79	71	9.2	180	12	1 U	NA	1 U	1 U	1 U	1.9	1
Other VOC Compounds															
1,1,1-Trichloroethane	200	20 U	NA	20 U	25 U	1 U	1 U	1	1 U	NA	1 U	1 U	1 U	1 U	1
1,1,2,2-Tetrachloroethane	0.2	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
1,1,2-Trichloroethane	5	20 U	NA	20 U	25 U	1 U	1 U	5 U	1 U	NA	1 U	1 U	1 U	1 U	5 (
1,1-Dichloroethane	400	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
1,1-Dichloroethene	7	20 U	NA	20 U	25 U	1 U	3.4	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
1,2-Dichloroethane	5	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
1,2-Dichloropropane	5	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
2-Butanone (MEK)	200	200 U	NA	200 U	250 U	10 U	10 U	25 U	10 U	NA	10 U	10 U	10 U	10 U	25
2-Hexanone	NP	200 U	NA	200 U	250 U	10 U	10 U	25 U	10 U	NA	10 U	10 U	10 U	10 U	25
4-Methyl-2-pentanone (MIBK)	200	200 U	NA	200 U	250 U	10 U	10 U	25 U	10 U	NA	10 U	10 U	10 U	10 U	25
Acetone	400	500 U	NA	500 U	620 U	25 U	25	25 U	25 U	NA	25 U	25 U	25 U	10 U	25
Benzene	5	20 U	NA	20 U	32	33	17	2.5 U	1 U	NA	1 U	1 U	1 U	1 U	1
Bromoform	80	20 U	NA	20 U	25 U	1 U	1 U	5	1 U	NA	1 U	1 U	1 U	1 U	5
Bromomethane	NP	20 U	NA	20 U	25 U	5 U	5 U	1 U	1 U	NA	1 U	1 U	5 U	5 U	1 F
Carbon disulfide	400	40 U	NA	40 U	50 U	2 U	2 U	1 U	2 U	NA	2 U	2 U	2 U	2 U	1
Carbon tetrachloride	5	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
Chlorobenzene	100	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
Chlorodibromomethane	80	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
Chloroethane	NP	20 U	NA	20 U	25 U	5 U	5 U	1 U	1 U	NA	1 U	1 U	5 U	5 U	1
Chloroform	80	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
Chloromethane	NP	20 U	NA	20 U	25 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1
cis-1,3-Dichloropropene	NP	20 U	NA	20 U	25 U	1 U	1 U	5 U	1 U	NA	1 U	1 U	1 U	1 U	5
4	00	20.11		20 11	25 11	4							4		4 1

HSI 10798

Monitoring Well MW-13C is not including in Corrective Action monitoring program; therefore, historic data is not shown.

80

700

100

1,000

100

NP

10,000

QUALIFIERS

Xylenes, Total

 $Where \ Georgia \ MCL \ is \ lower \ than \ the \ Groundwater \ Criterion, \ the \ MCL \ take \ precedence, \ therefore \ the \ MCL \ is \ listed \ above.$

GA EPD Rule 391-3-5-.18 Primary MCL for Drinking Water

GA EPD Rule 391-3-19 Appendix III - Media Target Concentrations and Standard Exposure Assumptions, Table 1 - Groundwater Criteria

20 U

20 U

20 U

20 U

20 U

20 U

40 U

3371

100 U

NA

NA

NA

NA

NA

NA

NA

NA

2800

20 U

20 U

100 U

20 U

20 U

20 U

20 U

40 U

4419

25 U

25 U

120 U

25 U

25 U

25 U

25 U

50 U

4403

1 U

1 U

5 U

1 U

1 U

1 U

1 U

2 U

208.2

1 U

1 U

5 U

1 U

1 U

1 U

1 U

3718.4

13

5 U

1 U

10 U

136.5

1 U

1 U

5 U

1 U

1 U

1 U

1 U

2 U

28.3

NA

NA

NA

NA

NA

NA

NA

NA

7.2

1 U

1 U

5 U

1 U

1 U

1 U

1 U

2 U

31.4

1 U

1 U

5 U

1 U

1 U

1 U

1 U

2 U

46.5

1 U

1 U

5 U

1 U

1 U

1 U

1 U

2 U

47.1

1 U

1 U

5 U

1 U

1 U

1 U

1 U

1.4

553.3

1 U

1 U

5 U

1 U

1 U

1 U

5 U

10 U

129

NA - Not available

D - sample diluted in the lab

Dichlorobromomethane

trans-1,2-Dichloroethene

trans-1,3-Dichloropropene

Ethylbenzene

Styrene

Toluene

Total VOCs

Methylene Chloride

GC/MS - Gas chromatography/ mass spectrometry

LFPS - Low Flow Purging and Sampling

NP - Not published

PDB - Passive Diffusion Bag

 $\ensuremath{\text{U}}$ - value not detected above the laboratory reporting limit.

ug/L - micrograms per liter

VOC - Volatile organic compounds



Well Sample ID				MW-15C					MW-24C		
Installation Date	1			6/11/2015					6/10/2015		
Screen Interval (feet below grade)	Carrella			59.5-69.5					33.5-43.5		
Water Bearing Unit	Georgia Maximum			Bedrock			l		Bedrock		
Lab Sample Number	Contaminant	680-114574-15	680-117982-2	680-133511-1	680-140434-21	No Sample	680-114236-5	680-117982-3	680-133511-2	680-140434-22	No Sample
Sampling Date	Levels (MCLs)	7/15/2015	10/16/2015	12/19/2016	6/26/2017	12/5/2017	7/2/2015	10/16/2015	12/19/2016	6/26/2017	12/5/2017
Matrix	for Drinking	Water	Water	Water	Water	No Access	Water	Water	Water	Water	No Access
Dilution Factor	Water	1	1	1	1		1	1	1	1	
Units	μg/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L	ug/L	ug/L	
Sample Method		LFPS	LFPS	PDB	PDB		LFPS	LFPS	PDB	PDB	
GC/MS VOA - 8260B		Low	Low	Low	Low		Low	Low	Low	Low	
VOC Constituents of Concern											
Tetrachloroethene	5	10	4.7	3.9	4.5		41	20	11	26	
Trichloroethene	5	1.9	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	70	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Vinyl chloride	2	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Other VOC Compounds											
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	5	1 U	1 U	1 U	5 U		1 U	1 U	1 U	5 U	
1,1-Dichloroethane	400	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
2-Butanone (MEK)	200	10 U	10 U	10 U	25 U		10 U	10 U	10 U	25 U	
2-Hexanone	NA	10 U	10 U	10 U	25 U		10 U	10 U	10 U	25 U	
4-Methyl-2-pentanone (MIBK)	200	10 U	10 U	10 U	25 U		10 U	10 U	10 U	25 U	
Acetone	400	10 U	10 U	10 U	25 U		10 U	10 U	10 U	25 U	
Benzene	5	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Bromoform	80	1 U	1 U	1 U	5 U		1 U	1 U	1 U	5 U	
Bromomethane	NA	5 U	5 U	5 U	1 U		5 U	5 U	5 U	1 U	
Carbon disulfide	400	30	12	2 U	1 U		2 U	2 U	2 U	1 U	
Carbon tetrachloride	5	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Chlorobenzene	100	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Chlorodibromomethane	80	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Chloroethane	NA	5 U	5 U	5 U	1 U		5 U	5 U	5 U	1 U	
Chloroform	80	22	12	5.9	2.9		1.8	1 U	1 U	1 U	
Chloromethane	NA	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	NA	1 U	1 U	1 U	5 U		1 U	1 U	1 U	5 U	
Dichlorobromomethane	80	1.6	1 U	1 U	1 U		1 U	1 U	1 U		
Ethylbenzene	700	1 U	1 U	1 U	1 U		1 U	1 U	1 U		
Methylene Chloride	3	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	
Styrene	100	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
Toluene	1,000	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	5 U		1 U	1 U	1 U	5 U	
Xylenes, Total	10,000	1 U	1 U	1 U	10 U		1 U	1 U	1 U	10 U	
Total VOCs		65.5	28.7	9.8	7.4		42.8	20	11	26	

 $Where \ Georgia \ MCL \ is \ lower \ than \ the \ Groundwater \ Criterion, \ the \ MCL \ take \ precedence, \ therefore \ the \ MCL \ is \ listed \ above.$

GA EPD Rule 391-3-5-.18 Primary MCL for Drinking Water

GA EPD Rule 391-3-19 Appendix III - Media Target Concentrations and Standard Exposure Assumptions, Table 1 - Groundwater Criteria

GC/MS - Gas chromatography/ mass spectrometry

LFPS - Low Flow Purging and Sampling

NP - Not published

PDB - Passive Diffusion Bag

U - value not detected above the laboratory reporting limit.

ug/L - micrograms per liter

VOC - Volatile organic compounds



Section Communication Co	Well Sample ID		MW-15A					MW-15B						MW-16A					
Second Engage Second Secon	Installation Date				9/18/08					9/19/08					9/18/08				
March Content	Screen Interval (feet below grade)				27.5-37.5					38.5-48.5					22-32				
Secondary Seco	Water Bearing Unit	-			Upper Residuun	n				Lower Residuu	m				Upper Residuu	m			
Seminary (Seminary (Semi	Lab Sample Number		680-68627-2	680-68627-2	680-90177-14	680-114574-13	680-140434-10	680-68627-1	680-90177-15	680-114574-14	680-140434-11	680-140434-12	680-68710-4	680-90201-13	680-114574-18	680-140434-8	680-140434-14		
March Marc	Sampling Date		5/20/2011	5/20/2011	5/8/2013	7/15/2015	6/26/2017	5/20/2011	5/8/2013	7/15/2015	6/26/2017	6/26/2017	5/23/2011	5/9/2013	7/15/2015	6/26/2017	6/27/2017		
Sungh Referred Park 100 15 10 10 10 10 10 1	Matrix		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water		
Semilar Name Part	Dilution Factor	-	100	5	5	2	1	1	1	1	1	1	10	5	1	5	5		
Consistency	Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		
Vocationary Vocation Vocati	Sample Method		LFPS	LFPS	LFPS	LFPS	PDB	LFPS	LFPS	LFPS	PDB	DUP-1	LFPS	LFPS	LFPS	PDB	LFPS		
Second continue	GC/MS VOA - 8260B		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low		
Informer 5	VOC Constituents of Concern																		
Set 2.0 Exhibition 70 100 17 11 12 15 14 10 10 10 10 10 10 20 55 33 200 230 200	Tetrachloroethene	5	350	370 H	460	320	270		110	72	73	71	930	300	400 D	1000	1000		
Section Control of the Control o	Trichloroethene	5	100 U	70 H	73				3.4	3.1	2.2	2.1							
Observation	,							1.1	1 U		1 U	1 U							
13.13 Price Procedure 200 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 5 U 5 U 5 U 1.0 U 5 U 5 U 5 U 1.0 U 5 U 5 U 5 U 1.0 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 5 U 5 U 5 U 1 U 5 U 5 U 1.0 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 5 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 1 U 5 U 5 U 1 U 5 U 5 U 1 U 1 U 5 U 5 U 5 U	Vinyl chloride	2	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
1.1.2-Prickborderhare	Other VOC Compounds																		
1.12 Pich Novethane	1,1,1-Trichloroethane								1 U		1 U	1 U					5 U		
1.1-Deh/morethane	1,1,2,2-Tetrachloroethane	0.2	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
1.1-Delichrosethene	1,1,2-Trichloroethane	5	100 U	5 U	5 U	2 U	5 U	1 U	1 U	1 U	5 U	5 U	10 U	5 U	1 U	25 U	25 U		
1.2-Dichloropropage	1,1-Dichloroethane	400	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
12-Debtoragrapae	1,1-Dichloroethene	7	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
2-Butanone (MEK) 2-Buta	1,2-Dichloroethane	5	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
2-Hesanone NP 1000 U 50 U 50 U 20 U 25 U 10 U 10 U 25 U 25 U 100 U 50 U 10 U 130 U 130 U 130 U 130 U 34-Methyl-pentanone (Milik) 200	1,2-Dichloropropane	5	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
Amethyl-2-pentanone (MIBK) 200	2-Butanone (MEK)	200	1000 U	50 U	50 U	20 U	25 U	10 U	10 U	10 U	25 U	25 U	100 U	50 U	10 U	130 U	130 U		
Acetone	2-Hexanone	NP	1000 U	50 U	50 U	20 U	25 U	10 U	10 U	10 U	25 U	25 U	100 U	50 U	10 U	130 U	130 U		
Benzene	4-Methyl-2-pentanone (MIBK)	200	1000 U	50 U	50 U	20 U	25 U	10 U	10 U	10 U	25 U	25 U	100 U	50 U	10 U	130 U	130 U		
Bromoform S0	Acetone	400	2500 U	120 U	130 U	20 U	25 U	25 U	25 U	10 U	25 U	25 U	250 U	130 U	10 U	130 U	130 U		
Bromomethane	Benzene	5	100 U	5 U	5 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	5 U	5 U		
Carbon disulfide	Bromoform	80	100 U	5 U	5 U	2 U	5 U	1 U	1 U	1 U	5 U	5 U	10 U	5 U	1 U	25 U	25 U		
Carbon tetrachloride 5 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 5	Bromomethane	NP	100 U	5 U	25 U	10 U	1 U	1 U	5 U		1 U	1 U		25 U	5 U	5 U	5 U		
Chloroderane 100 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5	Carbon disulfide	400	200 U	10 U	10 U	4 U	1 U	2 U	2 U	2 U	1 U	1 U	20 U	10 U	2 U	5 U	5 U		
Chlorodibromomethane 80 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1	Carbon tetrachloride			5 U			1 U	1 U	1 U	1 U	1 U	1 U		5 U	1 U	5 U	5 U		
Chloroethane NP 100 U 5 U 25 U 10 U 1 U 1 U 1 U 1 U 1 U 1 U 10 U 25 U 5 U 5 U 5 U 5 U 5 Chloroform 80 100 U 5 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1	Chlorobenzene						1 U				1 U	1 U					5 U		
Chloroform 80 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 5	Chlorodibromomethane						ļ										5 U		
Chloromethane NP 100 U 5 U 5 U 2 U 1 U	Chloroethane						ļ										5 U		
cis-1,3-Dichloropropene NP 100 U 5 U 5 U 1 U 1 U 1 U 5 U 5 U 5 U 1 U 5 U 5 U 2 U 1 U 25 U 25 U 25 U 25 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U	Chloroform																5 U		
Dichlorobromomethane 80 100 U 5 U 5 U 2 U 1 U	Chloromethane					_			1 U	_		_			+		5 U		
Ethylbenzene 700 100 U 5 U 5 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U	cis-1,3-Dichloropropene					_		1 U	1 U	_	5 U	5 U					25 U		
Methylene Chloride 3 500 U 25 U 25 U 5 U							ļ										5 U		
Styrene 100 100 u 5 u 5 u 2 u 1 u 1 u 1 u 1 u 1 u 1 u 1 u 1 u 1 u 5							_				-						5 U		
Toluene 1,000 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U <th< td=""><td>Methylene Chloride</td><td></td><td></td><td></td><td></td><td></td><td>ļ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>25 U</td></th<>	Methylene Chloride						ļ										25 U		
trans-1,2-Dichloroethene 100 100 U 5 U 5 U 2 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 5 U 2.8 5 U <	Styrene												•				5 U		
trans-1,3-Dichloropropene NP 100 U 5 U 5 U 5 U 1 U 1 U 5 U 5 U 10 U 5 U 1 U 25 U 25 U 25 U 25 U 25 U 25 U 20 U 10 U 20 U 10 U 20 U 10 U 20 U 50 U	Toluene														+		5 U		
Xylenes, Total 10,000 200 U 10 U 10 U 2 U 10 U 2 U 1 U 10 U 10	trans-1,2-Dichloroethene																5 U		
			100 U	5 U	5 U	2 U	5 U	1 U	1 U	1 U	5 U	5 U	10 U	5 U	1 U	25 U	25 U		
Total VOCs 350 457 544 426 357 103.6 113.4 75.1 75.2 73.1 1240 398 544 1380 1410		10,000	200 U	10 U	10 U		10 U	2 U	2 U	1 U	10 U		20 U	10 U	1 U	50 U	50 U		
550 5.1 1250 55.1 15.1 15.1 15.2 15.1 1270 550 544 1500 1410	Total VOCs		350	457	544	426	357	103.6	113.4	75.1	75.2	73.1	1240	398	544	1380	1410		

Where Georgia MCL is lower than the Groundwater Criterion, the MCL take precedence, therefore the MCL is listed above.

GA EPD Rule 391-3-5-.18 Primary MCL for Drinking Water

GA EPD Rule 391-3-19 Appendix III - Media Target Concentrations and Standard Exposure Assumptions, Table 1 - Groundwater Criteria

D - sample diluted in the lab

GC/MS - Gas chromatography/ mass spectrometry

H - Hold time issue noted by laboratory

LFPS - Low Flow Purging and Sampling

NP - Not published

PDB - Passive Diffusion Bag

U - value not detected above the laboratory reporting limit.

ug/L - micrograms per liter

VOC - Volatile organic compounds



Well Sample ID				MW-16B			MW-16C					
Installation Date				9/19/08					39735			
Screen Interval (feet below grade)				34-44					58-68			
Water Bearing Unit	Georgia			Lower Residuu	m				Bedrock			
Lab Sample Number	Maximum Contaminant	680-68710-3	680-90201-14	680-114574-19	680-140434-6	680-140434-15	680-68627-3	680-90201-15	680-114574-20	680-133511-3	680-140434-7	
Sampling Date	Levels (MCLs) for	5/23/2011	5/9/2013	7/15/2015	6/26/2017	6/27/2017	5/20/2011	5/9/2013	7/15/2015	12/19/2016	6/26/2017	
Matrix	Drinking Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
Dilution Factor	μg/L	10	10	1	5	5	5	5	1	10	5	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
Sample Method		LFPS	LFPS	LFPS	PDB	LFPS	LFPS	LFPS	LFPS	LFPS	PDB	
GC/MS VOA - 8260B		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	
VOC Constituents of Concern												
Tetrachloroethene	5	1200	1000	980 D	710	940	780	840	820 D	800	800	
Trichloroethene	5	100	68	92	78	110	61	58	72	80	86	
cis-1,2-Dichloroethene	70	210	120	190	160	260	62	72	110	130	120	
Vinyl chloride	2	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Other VOC Compounds												
1,1,1-Trichloroethane	200	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
1,1,2,2-Tetrachloroethane	0.2	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
1,1,2-Trichloroethane	5	10 U	10 U	1 U	25 U	25 U	5 U	5 U	1 U	10 U	25 U	
1,1-Dichloroethane	400	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
1,1-Dichloroethene	7	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
1,2-Dichloroethane	5	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
1,2-Dichloropropane	5	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
2-Butanone (MEK)	200	100 U	100 U	10 U	130 U	130 U	50 U	50 U	10 U	100 U	130 U	
2-Hexanone	NP	100 U	100 U	10 U	130 U	130 U	50 U	50 U	10 U	100 U	130 U	
4-Methyl-2-pentanone (MIBK)	200	100 U	100 U	10 U	130 U	130 U	50 U	50 U	10 U	100 U	130 U	
Acetone	400	250 U	250 U	10 U	130 U	130 U	120 U	130 U	10 U	100 U	130 U	
Benzene	5	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Bromoform	80	10 U	10 U	1 U	25 U	25 U	5 U	5 U	1 U	10 U	25 U	
Bromomethane	NP	10 U	50 U	5 U	5 U	5 U	5 U	25 U	5 U	50 U	5 U	
Carbon disulfide	400	20 U	20 U	2 U	5 U	5 U	10 U	10 U	2 U	20 U	5 U	
Carbon tetrachloride	5	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Chlorobenzene	100	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Chlorodibromomethane	80	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Chloroethane	NP	10 U	50 U	5 U	5 U	5 U	5 U	25 U	5 U	50 U	5 U	
Chloroform	80	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Chloromethane	NP	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
cis-1,3-Dichloropropene	NP	10 U	10 U	1 U	25 U	25 U	5 U	5 U		10 U	25 U	
Dichlorobromomethane	80	10 U	10 U	1 U	5 U	5 U	5 U	5 U		10 U	5 U	
Ethylbenzene	700	10 U	10 U	1 U	5 U	5 U	5 U	5 U		10 U	5 U	
Methylene Chloride	3	50 U	50 U	5 U	25 U	25 U	25 U	25 U		50 U	25 U	
Styrene	100	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
Toluene	1,000	10 U	10 U	1 U	5 U	5 U	5 U	5 U	1 U	10 U	5 U	
trans-1,2-Dichloroethene	100	10 U	10 U	17	5 U	5.9	5 U	5 U	2	10 U	5 U	
trans-1,3-Dichloropropene	NP	10 U	10 U	1 U	25 U	25 U	5 U	5 U	1 U	10 U	25 U	
Xylenes, Total	10,000	20 U	20 U	1 U	50 U	50 U	10 U	10 U	1 U	10 U	50 U	
Total VOCs		1510	1188	1264	948	1315.9	903	970	1004	1010	1006	

 $Where \ Georgia \ MCL \ is \ lower \ than \ the \ Groundwater \ Criterion, \ the \ MCL \ take \ precedence, \ therefore \ the \ MCL \ is \ listed \ above.$

GA EPD Rule 391-3-5-.18 Primary MCL for Drinking Water

GA EPD Rule 391-3-19 Appendix III - Media Target Concentrations and Standard Exposure Assumptions, Table 1 - Groundwater Criteria

D - sample diluted in the lab

GC/MS - Gas chromatography/ mass spectrometry

H - Hold time issue noted by laboratory

LFPS - Low Flow Purging and Sampling

NP - Not published

PDB - Passive Diffusion Bag

U - value not detected above the laboratory reporting limit.

ug/L - micrograms per liter

VOC - Volatile organic compounds



Flint River Shopping Center

8650 Tara Boulevard, Jonesboro, GA

13424D A001

Well Sample ID				MW-19B					MW-19C				MW	/-19D			MW	/-20C	
Installation Date	7			12/05/2012					12/4/2012				9/2/	/2014			12/4	/2012	
Screen Interval (feet below grade)	7			50-60					75-85					-105.5				5-45	
Water Bearing Unit	Georgia			Lower Residuum					Bedrock					Irock				Irock	
Lab Sample Number	Maximum	680-90099-8	680-107535-9	680-114574-10	680-133511-11	680-140434-5	680-90177-16	680-107535-8		680-133511-8	680-140434-4	680-107535-7	680-114574-11	680-133511-9	680-140434-3	680-90201-17	680-114236-6	680-133511-4	680-140434-9
Sampling Date	Contaminant	5/7/2013	11/19/2014	7/14/2015	12/19/2016	06/26/2017	5/8/2013	11/19/2014	7/14/2015	12/19/2016	06/26/2017	11/19/2014	7/14/2015	12/19/2016	06/26/2017	5/9/2013	7/2/2015	12/19/2016	06/26/2017
Matrix	Levels (MCLs) for Drinking Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor	μg/L	5	5	1	5	1	1	2	1	1	1	1	1	1	2	1	1	1	1
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Method		LFPS	LFPS	LFPS	PDB	PDB	LFPS	LFPS	LFPS	PDB	PDB	LFPS	LFPS	PDB	PDB	LFPS	LFPS	PDB	PDB
GC/MS VOA - 8260B		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
VOC Constituents of Concern	•										•		•						
Tetrachloroethene	5	370	870	370 D	180	150	150	290	200	190	220	94	12	190 H	310	18	53	100	250
Trichloroethene	5	27	67	34	45	19	7.2	18	18	24	31	7.1	1.2	31	30	1.1	5	31	29
cis-1,2-Dichloroethene	70	44	100	47	110	33	14	33	32	51	44	13	1.9	66	51	1.4	4.9	43	25
Vinyl chloride	2	5 U	5 U	1 U	5 U	1 U	1 U	2.0 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
Other VOC Compounds									•							İ			
1,1,1-Trichloroethane	200	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
1,1,2,2-Tetrachloroethane	0.2	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
1,1,2-Trichloroethane	5	5 U	5 U	1 U	5 U	5 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	5 ι
1,1-Dichloroethane	400	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
1,1-Dichloroethene	7	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
1,2-Dichloroethane	5	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
1,2-Dichloropropane	5	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
2-Butanone (MEK)	200	50 U	50 U	10 U	50 U	25 U	72	20 U	10 U	10 U	25 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	25 l
2-Hexanone	NP	50 U	50 U	10 U	50 U	25 U	10 U	20 U	10 U	10 U	25 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	25 l
4-Methyl-2-pentanone (MIBK)	200	50 U	50 U	10 U	50 U	25 U	10 U	20 U	10 U	10 U	25 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	25 l
Acetone	400	130 U	50 U	10 U	50 U	25 U	25 U	20 U	10 U	10 U	25 U	10 U	10 U	10 U	50 U	25 U	10 U	10 U	25 l
Benzene	5	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 l
Bromoform	80	5 U	5 U	1 U	5 U	5 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	5 l
Bromomethane	NP	25 U	25 U	5 U	25 U	1 U	5 U	10 U	5 U	5 U	1 U	5 U	5 U	5 U	2 U	5 U	5 U	5 U	1
Carbon disulfide	400	10 U	10 U	2 U	10 U	1 U	2 U	4 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 (
Carbon tetrachloride	5	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1
Chlorobenzene	100	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
Chlorodibromomethane	80	5 U	5 U	1 U	5 U	1 U	1 U	2 U		1 U	1 U	1 U	1 U	1 U	2 U		1 U		1 (
Chloroethane	NP	25 U	25 U	5 U	25 U	1 U	5 U	10 U	5 U	5 U	1 U	5 U	5 U	5 U	2 U	5 U	5 U		1 (
Chloroform	80	5 U	5 U	1 U	5 U	1 U	5	2 U	1 U	1 U	1 U	11	1 U	1 U	2 U	1.1	1 U	1 U	1 (
Chloromethane	NP	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 (
cis-1,3-Dichloropropene	NP	5 U	5 U	1 U	5 U	5 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	5 (
Dichlorobromomethane	80	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	1 U	1
Ethylbenzene	700	5 U	5 U	1 U	5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1
Methylene Chloride	3	25 U	25 U	5 U	25 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5
Styrene	100	5 U	5 U		5 U		1 U	2 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	1 U	1
Toluene	1,000	5 U	5 U	1 U	5 U		1 U	2 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U		1
trans-1,2-Dichloroethene	100	5 U	5 U	1	5 U		1 U	2 U	1.2	1 U	1 U	1 U		1 U	2 U	1 U	1 U		1
trans-1,3-Dichloropropene	NP	5 U	5 U	1 U	5 U	5 U	1 U	2 U	1 U	1 U	5 U	1 U		1 U	10 U	1 U	1 U	1 U	5
Xylenes, Total	10,000	10 U	10 U	1 U	5 U		2 U	4 U	1 U	1 U		2 U		1 U	20 U	2 U	1 U		10
Total VOCs		441	1037	452	335	202	248	341	251	265	295	125	16	287	391	22	63	174	304

Monitoring Well MW-19A is not including in Corrective Action monitoring program; therefore, historic data is not shown.

QUALIFIERS

 $Where \ Georgia \ MCL \ is \ lower \ than \ the \ Groundwater \ Criterion, the \ MCL \ take \ precedence, therefore \ the \ MCL \ is \ listed \ above.$

GA EPD Rule 391-3-5-.18 Primary MCL for Drinking Water

GA EPD Rule 391-3-19 Appendix III - Media Target Concentrations and Standard Exposure Assumptions, Table 1 - Groundwater Criteria

D - sample diluted in the lab

GC/MS - Gas chromatography/ mass spectrometry

H - Hold time issue noted by laboratory

LFPS - Low Flow Purging and Sampling

NP - Not published

PDB - Passive Diffusion Bag

U - value not detected above the laboratory reporting limit.

ug/L - micrograms per liter

VOC - Volatile organic compounds



Sample ID		Ecological	Screening		OF-2		Ī	SS-1			SS-2		S	S-3
Sample Location			on 4 Surface	S	torm water Outfa	all	Stream S	ample (~85 feet	from OF-1)	Stream Sa	mple (~170 feet	from SS-1)	Stream Sample (*	'550 feet from SS-2)
Lab Sample Number			ening Values	680-114593-2	680-133594-2	680-140434-16*	680-114593-3	680-133594-1	680-140434-17	680-114593-4	680-133511-5	680-140434-18	680-133511-10	680-140434-19
Sampling Date	Georgia Water		lous Waste	7/16/2015	12/19/2016	6/27/2017	7/16/2015	12/19/2016	6/27/2017	7/16/2015	12/19/2016	6/27/2017	12/19/2016	6/27/2017
Matrix	Quality	Sites	2015	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor	Standards			1	1	1	1	1	1	1	1	1	1	1
Units	October 2015			μg/L	μg/L	ug/L	μg/L	μg/L	ug/L	μg/L	μg/L	ug/L	μg/L	ug/L
Sample Method		Chronic	Acute	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
GC/MS VOA - 8260B														
VOC Constituents of Concern	ı		l			ı		ı	1					ı
Tetrachloroethene	3.3	53	430	76	27	94	36	82	46	17	14	34	34	17
Trichloroethene	30	200	2,000	12	4.7	14	2.7	7.7	5.7	1 U	1.5	2.9	3.2	1.8
cis-1,2-Dichloroethene	1	620	5,500	5.9	3	8.0	2.3	9,6	5.4	1 U	1.4	2.4	3.7	1.4
Vinyl chloride	2.4	930	8,400	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds		1												
1.1.1-Trichloroethane	NA	76	690	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	4.0	200	910	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	NA NA	730	3,200	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5 U
1,1-Dichloroethane	NA	410	3,700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7,100	130	1.200	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
1.2-Dichloroethane	37	2.000	8,200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	15	520	3,300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	NA NA	22.000	200,000	10 U	10 U	25 U	10 U	10 U	25 U	10 U	10 U	25 U	10 U	25 U
2-Hexanone	NA	99	1.800	10 U	10 U	25 U	10 U	10 U	25 U	10 U	10 U	25 U	10 U	25 U
4-Methyl-2-pentanone (MIBK)	NA NA	170	2,200	10 U	10 U	25 U	10 U	10 U	25 U	10 U	10 U	25 U	10 U	25 U
Acetone (Misky	NA	1.700	15,000	10 U	10 U	25 U	10 U	10 U	25 U	10 U	10 U	25 U	10 U	25 U
Benzene	51	160	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 0	1 U
Bromoform	140	230	1.100	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	1 1	5 U
Bromomethane	1.500	16	38	5 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	5 U	1 U
Carbon disulfide	NA NA	15	130	2 U	2 U	1 U	2 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
Carbon tetrachloride	1.6	77	690	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 1	1 U
Chlorobenzene	1,600	25	220	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	13	320	2,900	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 0	1 U
Chloroethane	NA NA	NA	NA	5 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	5 U	1 U
Chloroform	470	140	1,300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NA NA	NA	NA NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 0	1 U
cis-1,3-Dichloropropene	21	1.7	15	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5 U
Dichlorobromomethane	17	340	3,100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 0	1 U
Ethylbenzene	2100	61	550	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	590	1.500	8.500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	NA NA	32	290	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5.980	62	560	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	10.000	558	10,046	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 0	1 U
trans-1,3-Dichloropropene	21	1.7	15	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5 U
Xylenes, Total	NA NA	27	240	1 U	1 U	10 U	1 U	1 U	10 U	1 U	1 U	10 U	1 U	10 U
Total VOCs				93.9	34.7	116	41	99.3	57.1	17	16.9	39.3	40.9	20.2

Not Available micrograms per liter

Gas Chromatography/Mass Spec Volatile Organic Analysis USEPA Method 8260B

Value not detected above the laboratory reporting limit.

Underline Exceedance of Chronic Ecological Screening Values Region 4 Surface Water Screening Values

Yellow Exceedance of Georgia Water Quality Standards for Surface Water Screening Values

* Sample was inadvertently identified as OF-1, but was collected at OF-2



Sample Identification	Screened Interval (ft-below grade)	Location	Parcel Identification	Analysis	Sample Collection Date
SG-TSC-01S	2.25-2.75	Tara Shopping	13242D B001	TO-15	12/6/2017
SG-TSC-02S	3.25-3.75	Center		(30-minute	12/5/2017
SG-TSC-03S	2.75-3.25			6 liter	12/6/2017
SG-TSC-04S	2.25-2.75			SUMMA)	12/5/2017
SG-TSC-05S	2.5-3.0				12/6/2017
SG-TSC-05S-DUP*					
SG-TSC-05D	18.5-19.0				12/7/2017
SG-AMB-01S	2.25-2.75	Out Parcel	13242D A012		12/6/2017
SG-AMB-02S	2.25-2.75				12/6/2017
SG-AMB-02D	11.75-12.25				12/6/2017
SG-FRSC-01S	4.5-5.0	Flint River Shopping	13242D A001		12/6/2017
SG-FRSC-02S	2.5-3.0	Center			12/6/2017
SG-FRSC-02D	9.5-10.0				12/7/2017

^{*}Duplicate Sample Collected



[&]quot;S" designates screen placed within upper residuum near building slab.

[&]quot;D" designates screen placed within 3 feet above water table interface.

Table 9 - Streamlined Uniform Environmental Covenants Groundwater Corrective Action Plan Tara Shopping Center 8564 Tara Boulevard, Jonesboro, GA

	Property	Owner	Address	Letter Sent Date	Response from Owner
1	13242D A001	KOB INVESTMENTS LLC & ETAL % NEWBURGER-ANDES REAL EST INV	8639 TARA BLVD	April 4, 2017	Yes
2	13242D A012	ALEMBIK JUDITH & ETAL	8633 TARA BLVD		
3	13242D A016 and A018	CB PROPERTY MANAGEMENT & DEVELOPMENT LLC	8557 TARA BLVD	February 13, 2017	No
4	13242D B001	SUHWEIL SADI S*	8596 TARA BLVD	May 15, 2017	No
5	13242D B002 and B002Z	SONU ENTERPRISES INC	8664 TARA BLVD	February 13, 2017	No
6	13242D B006 and B006Z	LUMSDEN PROPERTIES LLC	8660 TARA BLVD	May 4, 2017	No
7	13242D B007 and B007Z	AL-KARIM PARTNERSHIP	8650 TARA BLVD	February 13, 2017	No

Notes:

Changed Ownership again after submitted.





FIGURES

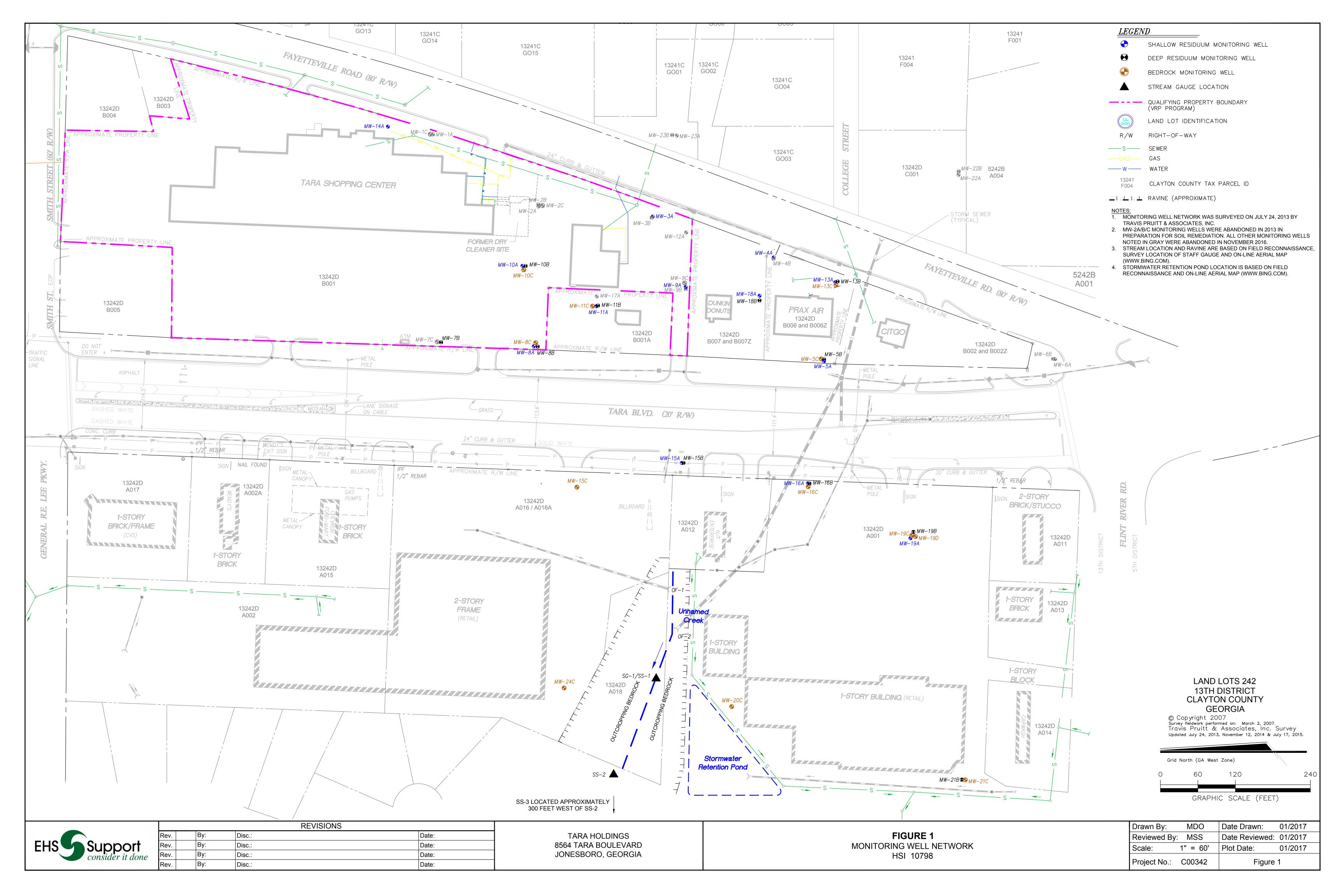
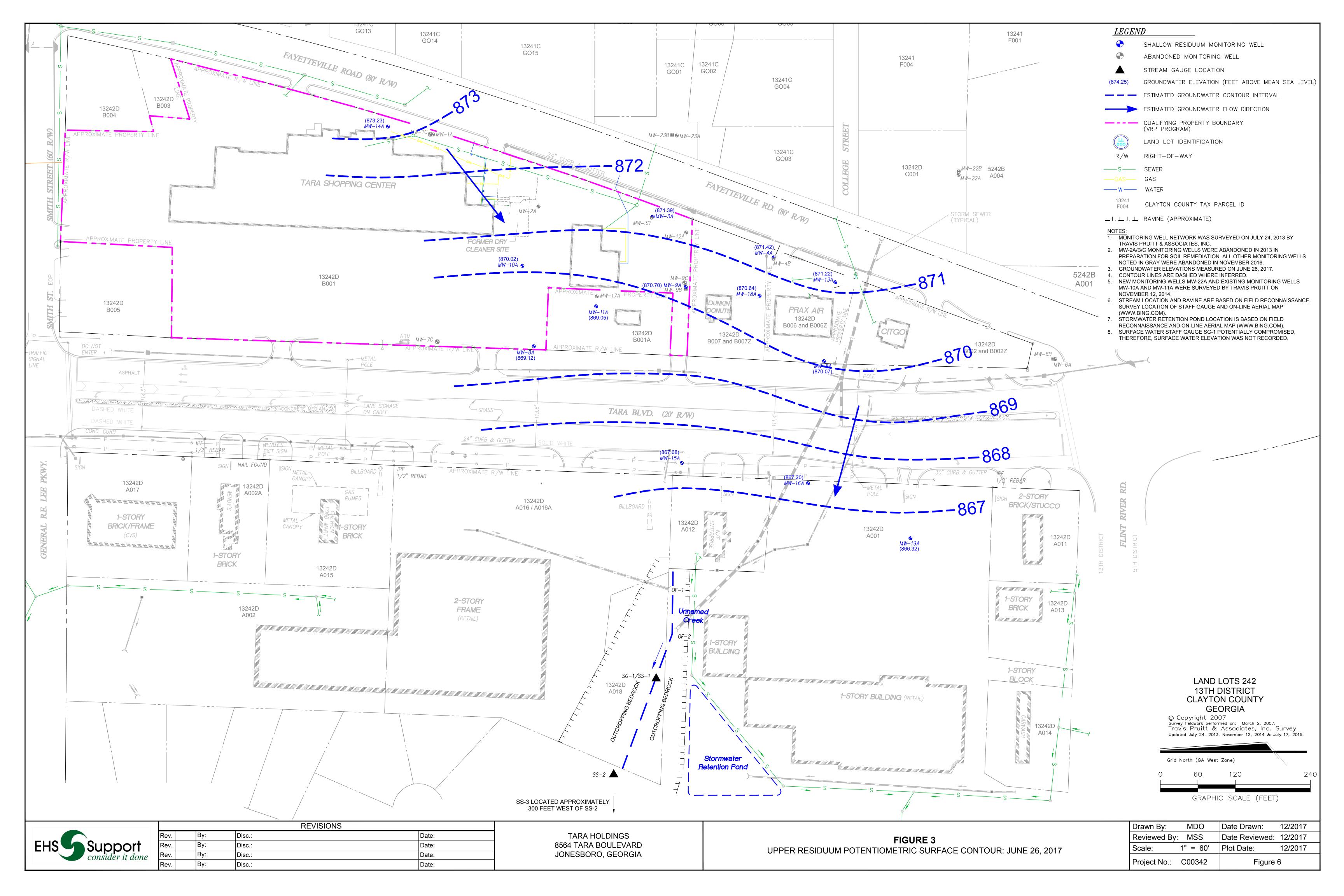
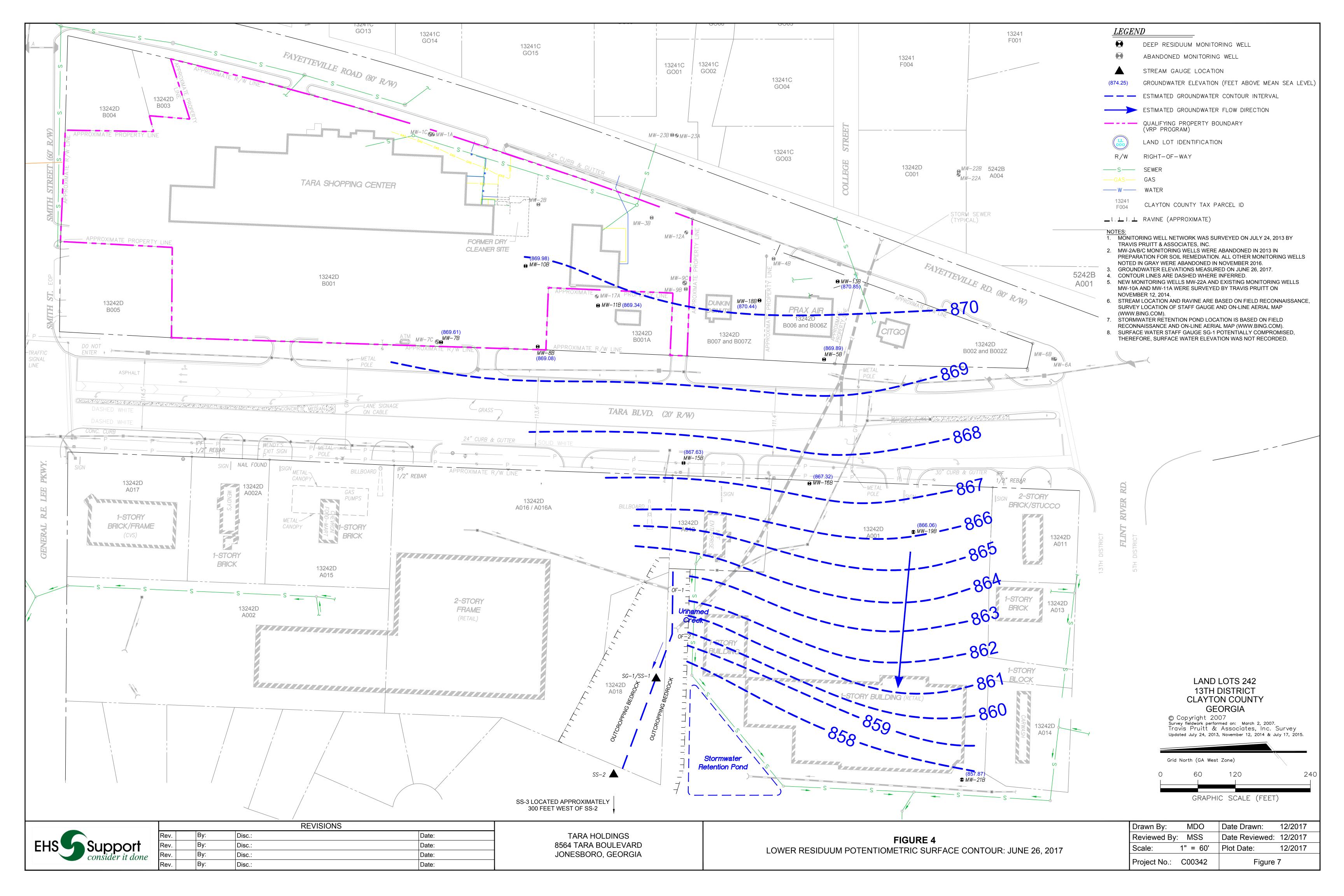
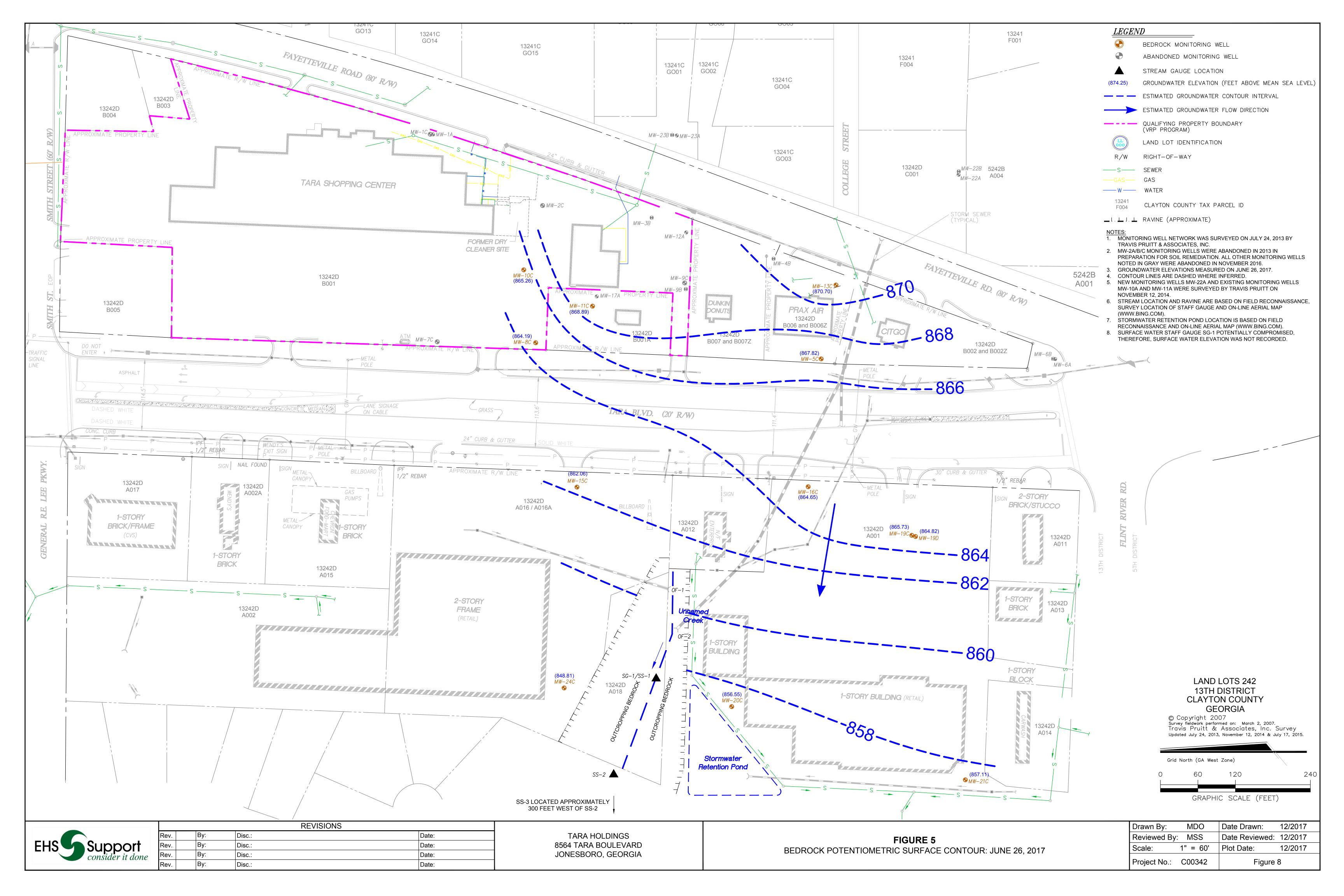


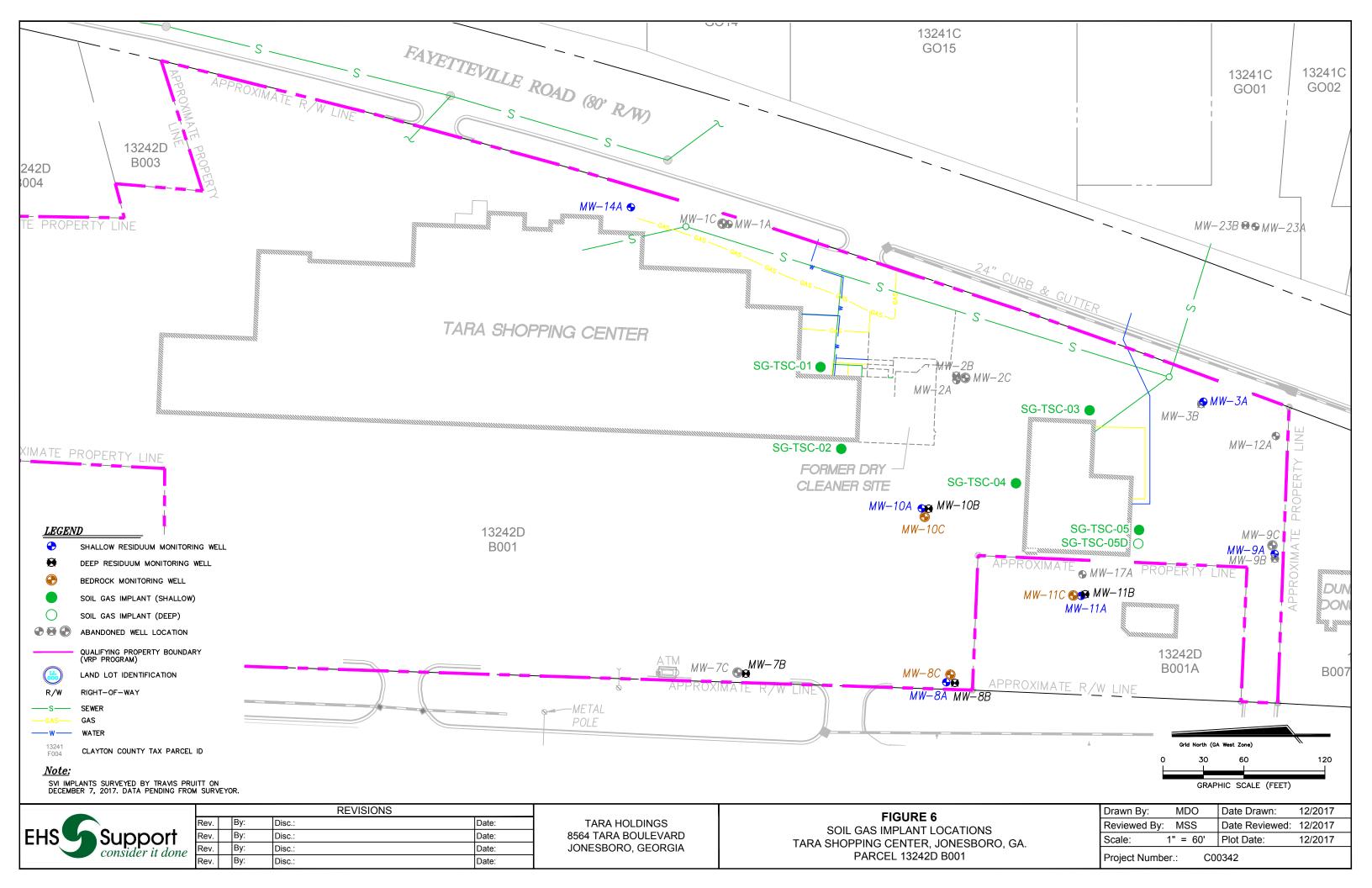
Figure 2
Tara Shopping Center/ Alterman Enterprises (HSI 10798)
Remediation Schedule
Corrective Action Plan Implementation
Revised December 2017

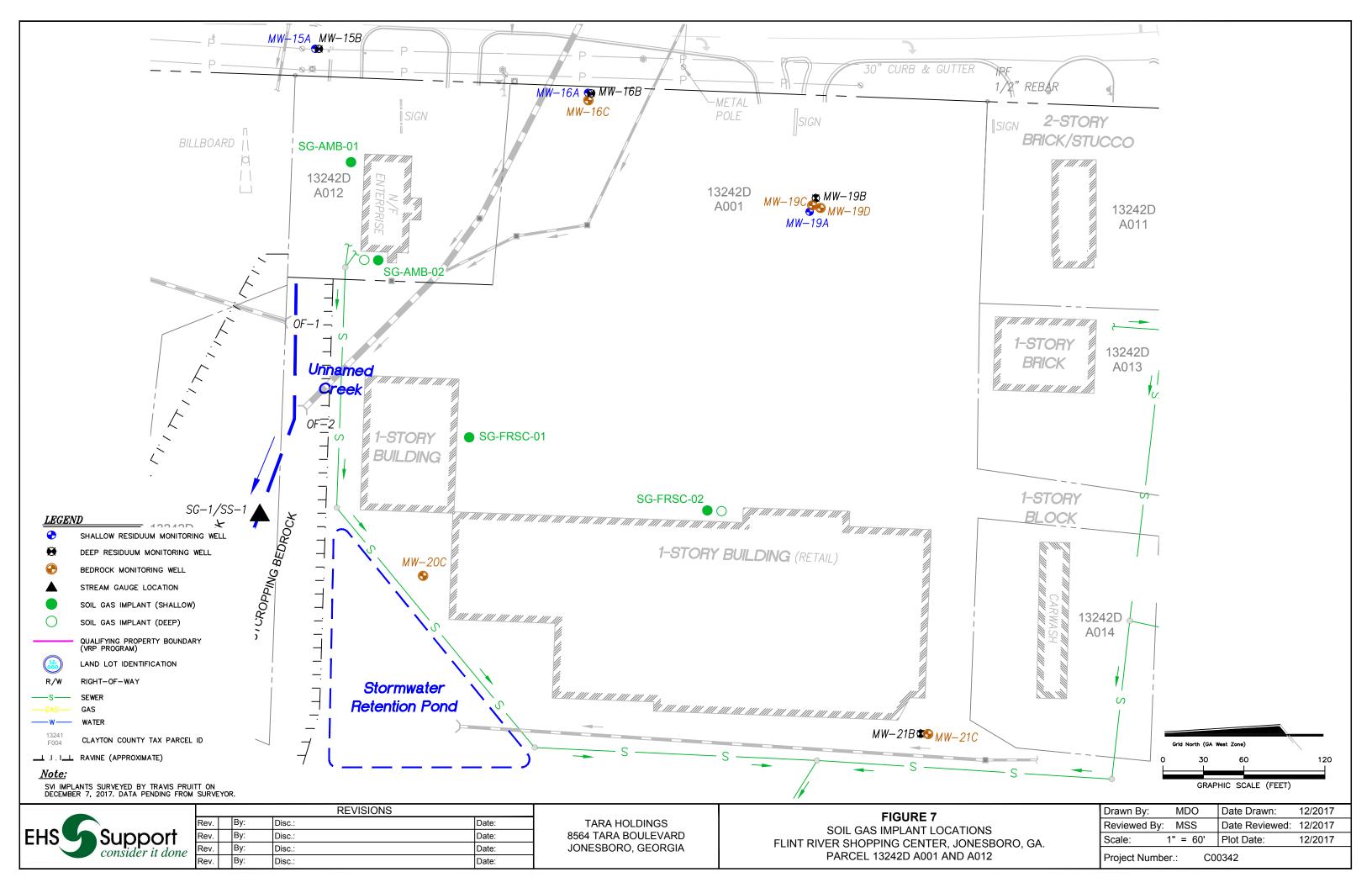














APPENDIX A



2852 Alton Ave., Irvine CA 92606 (949) 261-1022 FAN (949) 261-1228 1014 E. Cooley Dr., Suite A. Colton, CA 92324 (909) 370-4667 FAX (949) 370-1046 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851 2520 E. Sunset Rd. Ja. Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address	WALL OF	AL STEFFISH		CHAIN	OF C	USTOD	ΥF	ORI	VI							Pagei of _
400			р.	•	VPO Number		180					-,	Aı	nalysis Re	quired	
EHS Support LLC			=	roject: As	iniano Al tesboro)										-17	NI .
228 4th Ave				lob Descri			Ā									50 N
Decatur, GA 30030		8		Job #: 00								41;	(4)			
Project Manager			Phone N		342 201	7-400	_]		100	36						
Kris Spikes, EHS Support			1					1								+0
Sampler: Kris Spikes and Mark Smith			(678) 522			*			-		1	ŀ				246
Note:			Fax Num	iber.			. Vocs									55
Sample Description	Sample Matrix	Container Type	# of Cont	Date	Time	Preservation	8260B				125					Canada lasta sures
MW-13B	W	40 ML VOA	2	26-Jun	1247	HCI	×	_	 	 	1	-	1	 		Special Instructions
MW-13A	≥ w	40 ML VOA	3	26-Jun	1253	HCL	X	1	Ì			F	25	1 1	i	36
MW-19D	W	40 ML VOA	3	26-Jun	1353	HCL	X	1		10	 		-	1		
MW-19C	W	40 ML VOA	3	26-Jun	1348	HCL	Х						80	1 1		
MW-19B	W	40 ML VOA	3	26-Jun	1340	HCL	х							 		***************************************
MW-16B	W	40 ML VOA	3	26-Jun	1425	HCL	X	1	-		200		 -	-		
MW-16C	W	40 ML VOA	3	26-Jun	1420	HCL	×		200	-	+==				-	B
MW-16A	w	40 ML VOA	3	26-Jun	1422	HCL	×					-	-			Report J Flags
MW-20G	w	40 ML VOA	3	26-Jun	1500	HCL	×						±187			-
MW-15A	w -	40 ML VOA	3	26-Jun	1610	HCL	x		-				N. 100		-	
WW-158	W	40 ML VOA	3	26-Jun	1616	HCL	×	-		-		-	- 13		-	
DUP-1	W	40 ML VOA	3	26-Jun	1620	HCL	×	711-3	-				-		-	
8-1	w	40 ML VOA	3	27-Jun	925	HCL	×			<u> </u>		AU-TO		-	-	
MW-16A-LF	w.	40 ML VOA	3	27-Jun	1120	HCL	x			3	-					
MW-16B-LF	w	40 ML VOA	3	27-Jun	1025	HCL	×			-	-				-	
DF-1	w	40 ML VOA	3	27-Jun	1140	HCL	×			-	ami.		_	-	-	
8-1	w	40 ML VOA	3	27-Jun	1145	HCL	x	-	-	-		-	-	-	-	
8-2	w	40 ML VOA	3	27-Jun	1150	HCL	X						-	-	-+	
S-3	w	40 ML VOA	3	27-Jun	1214	HCL	X								-	
TRIP BLANK	w	40 ML VOA	3	14-Jun	1300	HCL	×				-				-	
elinquished By:	4	06/28 17 06/28 17	<u> </u>	1100)	Received by:		Date /T	177 / me	42	Furnar Same 24 Hou	Day	ime:	(Check)		72 Hours: 5 Days:
elinguished By:	d	Date /Time;		5 - 3	F	Received in Lab	by:	Date /T	īme.		48 Hou Sample	e integr	ily. (Check)	-	Normal: ALL



2852 Alton Ave., Irvine CA 92606 (949) 261-1022 FAX (949) 261-128
1014 E. Cooley, Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (949) 370-1046
9484 Chesapeake Dr., Suite 80, San Diego, CA 92123 (888) 505-8596 FAX (858) 505-9699
9830 South 51st St., Suite B-120, Phoenix, AZ 8504 (480) 785-0043 FAX (480) 785-045
2520 E. Sunset Rd. #3, Las Vegos, NV 89120 (702) 798-3620 FAX (702) 798-3621

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Client Name/Address:		7.7		Projec	ct/PO Number	nga (b)	Ť						Ar	nalvsis	Require	Page1 of1
EHS Support LLC		20	P		shland Al nesboro)						24		T	1	1	
228 4th Ave			اِ ا		ription: 0	1151					'	82				- 25
Decatur, GA 30030				Job #: 00	0342 201	<u>7-400</u>						.				
Project Manager:			Phone N	lumber:		Li .	1	1		ł	1					
Kris Spikes, EHS Support			(678) 522-6050 Fax Number,							-						
Sampler Kris Spikes and Mark Smith Note:						. VOCs	VOCs								50 X9 55	
Sample Description	Sample Matrix	Container Type	# of Cont.	Date	Time	Preservation	8260B -		*		20		=			la
MW-15C	w	40 ML VOA	3	26-Jun	1535	HCL	X				 		 	+	+	Special Instructions
MW-24C	w_	40 ML VOA	3	26-Jun	1545		x	340			 		<u> </u>	1	 	
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elinquished By:	1	Date /Time:			F	Received in Lab	by:	Date /T	ime:	509		e integr	itv: /	Check	`	Normal: ALL
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Project No: Technician(s): Sike	111	_	: MW-3A
, sometan(s). SELEE	7	_ Picture No):
Can you locate the well? Yes No	Completion (circle)	: Above-ground	Flush-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well	J. + w//w	rasir to-ground
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	> Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	SVE/DPE Extraction Water Supply
	367	.1	vvater Supply
Well Riser Material: PVO Steel Stainless Steel Other:	Well Diameter:	ລ"	inches millimeters
Depth To Product: below TOC	Current Total De	pth:	35.17 below TOC
Depth To GW/SWL: 21.02 below TOC	Installation Total	Depth (from log):	<u>as'</u>
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	X		Hara Marines Trace of Nobult
Does the well have a concrete well pad?	×		<u> </u>
Dimensions of the pad:		2-0-20-2	No see 9
Presence of cracks, voids, or defects in the pad?		×	
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		Y	
Does the well have a dedicated well head pump (for extraction)?		×	
Does the well casing allow for a cap seal?	X	-	
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)	5000		Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	V		опредружения схр. сар
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)	9 82	ν.	
Does the well casing or well box need to be extended to install sampling port plug?		- C	
Can the water level be measured?		~	
Does well casing appear to be in good shape? If not, explain.	2		
Above-ground Wells			
is the stick-up of the well and protective casing an appropriate height?	YES	NO -	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?	 		
Does the protective casing have a lid?			
Are the lid hinges in good condition?	-		
			
Its triefe fill (e.g., gravel, sand, concrete) between the protective casing and the woll?	+		
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or best?		_/	
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Does the above-ground protective cover appear rusted out, darnaged, or bent? Are there steel bumper guards around the protective casing? If so, how many?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Does the above-ground protective cover appear rusted out, darnaged, or bent? Are there steel bumper guards around the protective casing? If so, how many?			
Does the above-ground protective cover appear rusted out, darnaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box gightly elevator, flush, or below ground surface?	YES	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition?	YES	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box gightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box?	YES	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present?	YES X	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box?	YES X	NO	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition?	YES X	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition?	YES X	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well)	YES X X X	NO.	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	YES X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?	YES X X X X X X X X X X X X X X X X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?	YES X X X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock? Does the well box have a pressure relief or venting device?	YES X X X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?	YES X X X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock? Does the well box have a pressure relief or venting device?	YES X X X X X X	X	Comments / Needed Repairs
Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells is the well box elightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock? Does the well box have a pressure relief or venting device?	YES X X X X X X	X	Comments / Needed Repairs





Project Name: Ashland Alternan Date: 06/24e Project No:Technician(s):	117		0: mw-4A
- reclinician(s).	, ces	Picture No):
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned Can well be located by: GPS Metal Detector Shovel Other:	Completion (circle		Fluento round
Is well clearly identified? Yes X No	Monitoring Injection	Piezometer COD	SVE/DPE Extraction Water Supply
Well Riser Material: PVC Steel Stainless Steel Other:	Well Diameter:	⊋'	inches millimeters
Depth To Product: below TOC	Current Total De	enth:	
Depth To GW/SWL: \(\frac{13.21}{21}\) below TOC		Depth (from log):	25' below TOO
Wellhead and Casing Information	YES	NO	Comments / Needed Repair
is top of well above known flood or surface water level?	×	7 8 30 30 1 V 1 S 1 3 3 K	- Transfer Repair
Does the well have a concrete well pad?	- ×	 	
Dimensions of the pad:		2220	
Presence of cracks, voids, or defects in the pad?	2.10		
Is the pad on stable ground? (i.e., no adjacent erosion)	+	 	
Has the pad sunk into or been pushed from near ground surface?	 	 	
Does the well have a dedicated well head pump (for extraction)?		X	
Does the well casing allow for a cap seal?		×	
Does the protective casing or well box have an external ID tab or label?	×		
Does the well have a slip cap or a lockable expansion cap? (circle one)		×	
Does the well casing indicate only one visible reference measuring point?	1348	140	Slip cap / Lockable exp. cap
	X		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)	- 6	×	
Does the well casing or well box need to be extended to install sampling port plug?		×	
Can the water level be measured?	×		
Does well casing appear to be in good shape? If not, explain.	×		
Above-ground Wells	a autorosco a la processión	Chemister 181 Chemistry	
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)	YES	NO	Comments / Needed Repairs
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?	 		
Does the protective casing have a lid?			
Are the lid hinges in good condition?	 		
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?	l l		85
Are there steel bumper guards around the protective casing? If so, how many?			741
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
is the well box slightly elevated, flush, or below ground surface?	194 300	Hirthean et al. 1997	
Is the well box cover rim present or in good condition?	√ V		
What is the diameter of the well box?		39.7	
Are the well box boits present?	4		
Can all bolts be tightened to well box?	X.		
Is the rubber gasket present and in good condition?		X	
s the annular seal in good condition?	×		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		×	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		_ ^	
Does the expandable cap prevent surface water from entering the well?	 		
Does the lid have an operational lock?	× ×		
Does the well box have a pressure relief or venting device?			
Observations:	<u> </u>	L	





Project Name: Ashland Atterman Date: Old 26	17	Weli II	o: mw-5A
Project No: Technician(s): 50 Ve	25	Picture No	0: <u>mw-SA</u>
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle	e): Above-ground	Filesh-id-ground
Can well be located by: GPS Metal Detector Shovel Other:	Type of We	•	
Is well clearly identified? Yes No	Monitering Injection	Piezometer COD	SVE/DPE Extraction Water Supply
Well Riser Material: PVC Steel Stainless Steel Other:	\$17	S 11	
Death Te Book	Well Diameter:	<u> </u>	_inches millimeters
David T. Charles	Current Total D	•	_24.94 below TOC
Depth To GW/SWL: Below TOC	Installation Tota	ll Depth (from log):	<u>as'</u>
Wellhead and Casing Information	a log tool our come	Charles (2.5 / F)	
is top of well above known flood or surface water level?	YES	NO	Comments / Needed Repairs
Does the well have a concrete well pad?	× ×	-	
Dimensions of the pad:	+	31	
Presence of cracks, voids, or defects in the pad?		 	
Is the pad on stable ground? (i.e., no adjacent erosion)	 	×	
Has the pad sunk into or been pushed from near ground surface?	+ <u>-</u> -		
Does the well have a dedicated well head pump (for extraction)?	 	 	
Does the well casing allow for a cap seal?	×		
Does the protective casing or well box have an external ID tab or label?		×	
Does the well have a slip cap or a lockable expansion cap? (circle one)	1000	144	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	*	A2250	опр сарт Ефскавіе ехр. сар
Does the expandible cap have a port hole? (a hole through the cap)		<u> </u>	9
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		V	
Does the well casing or well box need to be extended to install sampling port plug?	†	 	
Can the water level be measured?	×	 	
Does well casing appear to be in good shape? If not, explain.			
Above ground Welley	120		ne management on the page
Above-ground Wells Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)	YES	NO	Comments / Needed Repairs
is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?		 	
Does the protective casing have a lid?	<u> </u>		
Are the lid hinges in good condition?	T		
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?	/		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?	/		
Flush-to-ground Wells	VEC	67.151 San Agran San	
Is the well box slightly clevated, flush, or below ground surface?	YES	NO NO	Comments / Needed Repairs
Is the well box cover rim present or in good condition?			
What is the diameter of the weil box?	<u> </u>		
Are the well box bolts present?			
Can all bolts be tightened to well box?	- ×		
Is the rubber gasket present and in good condition?			
Is the annular seal in good condition?		X	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	X		
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	- N	X	
Does the expandable cap prevent surface water from entering the well?	X		
Does the lid have an operational lock?	- - - - - -		
Does the well box have a pressure relief or venting device?	<u> </u>		
Observations:			





Project Name: Ashland Alternan Date: 04/26 Project No: Technician(s): 550	117	Well ID	: <u>MW</u> -SB
Technician(s):	رج	Picture No);
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned Can well be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Completion (circle Type of Wel Monitoring Injection		Firsh-to-ground SVE/DPE Extraction Water Supply
Well Riser Material: Steel Stainless Steel Other: Depth To Product: below TOC Depth To GW/SWL: \(\frac{3.54}{}\)	Well Diameter: Current Total De Installation Total	epth: Depth (from log):	inches millimeters 45.28 below TOC
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	*		The state of the pairs
Does the well have a concrete well pad?	×		
Dimensions of the pad:	())		
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	X	 	
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		*	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)	() (1)	-	Slip cap / Los ble exp. cap
Does the well casing indicate only one visible reference measuring point?	X		, and supplied the supplied to
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		×	
Does the well casing or well box need to be extended to install sampling port plug?		×	
Can the water level be measured?	×		
Does well casing appear to be in good shape? If not, explain.	X		
Above-ground Wells	accessor a dalater	5 - 7 - 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Is the stick-up of the well and protective casing an appropriate height?	YES	NO H	Comments / Needed Repairs
(At least 18 inches above ground level)			93
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?		75	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			Pro-1
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?		/	
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
		PHYSICAL TOTAL	2.00, 90 35
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box signtly elevated, flush, or below ground surface?	W		
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box? Are the well box bolts present?		N-W	
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?	X		
Is the annuiar seal in good condition?		X	
Does the well box contain water? (it so, note whether level is at TOC, suggesting leaking into well)			
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		X	
Does the expandable cap prevent surface water from entering the well?			
Does the lid have an operational lock?			
Does the well box have a pressure relief or venting device?	X		
Observations:			





If no, is the well (possibly): Buried Destroyed Abandoned Can well be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Completion (circle) Type of Well		Flush-to ground
If no, is the well (possibly): Buried Destroyed Abandoned Can we'l be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Type of Well		Florenground
If no, is the well (possibly): Buried Destroyed Abandoned Can we'll be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Type of Well		Flush-Interound
Can we'll be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No			- San San San G
Is well clearly identified? Yes No			
	Monitoring	Piezometer	SVE/DPE Extraction
MARIE MARIE	Injection	COD	Water Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	<u> </u>	inches millimeters
Depth To Product: below TOC	Current Total De		90.05 below TOC
Depth To GW/SWL: \S.82 below TOC		Depth (from log):	<u>~~</u>
Wellhead and Casing Information	YES	NO	Comments / Needed Repair
Is top of well above known flood or surface water level?	X	- 25,000 - 100 - 12,000 - 1	Comments / Necucu Repair.
Does the well have a concrete well pad?	X		
Dimensions of the pad:	 	 	
Presence of cracks, voids, or defects in the pad?		~~~	
is the pad on stable ground? (i.e., no adjacent erosion)	×.	 	-
Has the pad sunk into or been pushed from near ground surface?			
Does the well have a dedicated well head pump (for extraction)?			
Does the well casing allow for a cap seal?		+×	
Does the protective casing or well box have an external iD tab or label?	*		
Does the well have a slip cap or a lockable expansion cap? (circle one)		×	C!! (1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
Does the well casing indicate only one visible reference measuring point?	7		Slip cap / Lockable exp. cap
Does the expandible cap have a port hole? (a hole through the cap)	_ ~	ļ	
Does the well have equipment installed (drop tube, pump, etc.)? (specify)			
		 X	
Does the well casing or well box need to be extended to install sampling port plug?	 	<u> </u>	
Can the water level be measured?	*		
Does well casing appear to be in good shape? If not, explain.	<u> </u>		
Above-ground Wells	YES	1927 . Same Modernia	I Campana (N. J. J. B.)
Is the stick-up of the well and protective casing an appropriate height?	Charles Country	NO	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?		 	
Does the protective cover have an operational lock between the lid and cover?	· · · · · · · · · · · · · · · · · · ·	 	
Does the protective casing have a lid?		 	
Are the lid hinges in good condition?			,
is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	_/		
Any evidence of impact to the steel bumper guards?	/	<u> </u>	
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box stofitiy elevated, flush, or below ground surface?			
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?			_
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	×		
Does the expandable cap prevent surface water from entering the well?	*		
Does the lid have an operational lock?	*		
Does the well box have a pressure relief or venting device?			
Observations:	·	J	





Project Name: Ashland Alterman Date: Octale	117	Well IC	: MW - 7B
Project No: Technician(s):	Project No:Technician(s):Technician(s)		
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle)		Flush-in-ground
Can well be located by: GPS Metal Detector Shovel Other:	Type of Well	l: (circle)	_
lo well aleast id-uss to	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: Steel Stainless Steel Other:		\sim_{i_t}	
Death T. D. L.	Well Diameter:		inches millimeters
	Current Total De	epth:	32.96 below TOC
Depth To GW/SWL: 37.32 below TOC	Installation Total	Depth (from log):	33'
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	×		Comments / Needed Repairs
Does the well have a concrete well pad?	Y		
Dimensions of the pad:	-	87	
Presence of cracks, voids, or defects in the pad?			
is the pad on stable ground? (i.e., no adjacent erosion)			
Has the pad sunk into or been pushed from near ground surface?	 	+	
Does the well have a dedicated well head pump (for extraction)?		- 5	
Does the well casing allow for a cap seal?	+	_ ~	
Does the protective casing or well box have an external ID tab or label?	<u> </u>		
Does the well have a slip cap or a lockable expansion cap? (circle one)		X	
Does the well casing indicate only one visible reference measuring point?		==	Slip cap / Lockable exp. cap
Does the expandible cap have a port hole? (a hole through the cap)	X		
Does the well have equipment installed (drop tube, pump, etc.)? (specify)			
Does the well reasing or well have peed to be a state of all the state of		<u> </u>	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.			
Above-ground Wells	YES	NO	ica - www.
Is the stick-up of the well and protective casing an appropriate height?	CARRESON INCHESONA	EPTER NOTE OF	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the weil?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent?	-	/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	· BREEFILM - STATE OF		BAND - In-
Is the well box signify elevated, flush, or below ground surface?	YES	NO NO	Comments / Needed Repairs
Is the well box cover time present or in good condition?	$+$ $\overline{}$		
What is the diameter of the well box?	_~		
Are the well box bolts present?			
	××		
Can all boits be tightened to well box?			
Is the rubber gasket present and in good condition?			
is the annular seal in good condition?	×		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	ļ <u>.</u>	χ	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	_ X		
Does the expandable cap prevent surface water from entering the well?	×		
Does the lid have an operational lock?	X		
Does the well box have a pressure relief or venting device?	.1		
Observations:			
			ļ





Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells Is the well box sightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock?	Well IC	D: MW-QA
If no, is the well (possibly): Buried Destroyed Abandoned Can well be occated by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No Well Riser Material: See Steel Stainless Steel Other: Depth To Product: below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: See Stainless Steel Other: Well Diameter: Current Total Depth Installation Total Depth Installat	Picture No	0: <u>mw-8A</u>
If no, is the well (possibly): Buried Destroyed Abandoned Can well be occated by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No Well Riser Material: See Steel Stainless Steel Other: Depth To Product: below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: Destroyed below TOC Depth To GWSWL: See Stainless Steel Other: Well Diameter: Current Total Depth Installation Total Depth Installat		<i>"</i>
Can well be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No Well Riser Material: Yes Steel Stainless Steel Other: Depth To Product: Depth To Product: Depth To GWISWIL: Depth To GWISWIL: Well Diameter: Current Total Depth Installation Total Depth Installa	Above-ground	Flush to ground
Is well clearly identified? Well Riser Material: Well Diameter: Depth To Product: Depth To Product: Depth To GWISWL: Depth	(circle)	
Well Riser Material: Well Diameter: Depth To Product: Depth To Product: Depth To GW/SWL: Dest Well above known flood or surface water level? Well Mead and Casing Information Is top of well above known flood or surface water level? Dest be well have a concrete well pad? Dimensions of the pad: Presence of cracks, voids, or defects in the pad? Is the pad on stable ground? (i.e., no adjacent erosion) Has the pad such floor been pushed from near ground surface? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing indicate only one visible reference measuring point? Does the well casing indicate only one visible reference measuring point? Does the well casing indicate only one visible reference measuring point? Does the well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing appear to be in good shape? If not, explain. Above-ground Wells Is the stick-up of the well and protective casing an appropriate height? (At least 16 inches above ground level) Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the bove-ground well cover appear rusted out, damaged or bent? Are the lid hinges in good condition? Si there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the bove-ground well cover appear rusted out, damaged or bent? Are the lid hinges in good condition? Si the well box Seffity elyvated, flush, or below ground surface? So the well box cover im present or in good condition? Si the well box seffity elyvated, flush, or below ground surface? S	Piezometer	SVE/DPE Extraction
Depth To Product: Depth To GW/SWIL: Dest To GW/SWIL: Stop of well above known flood or surface water level? Wellhead and Casing Information Is top of well above known flood or surface water level? X Does the well have a concrete well pad? Dimensions of the pad: Presence of cracks, voids, or defects in the pad? Presence of cracks, voids, or defects in the pad? Presence of cracks, voids, or defects in the pad? Is the pad on stable ground? (i.e. no adjacent erosion) Has the pad sunk into or been pushed from near ground surface? Does the well have a dedicated well head pump (for extraction)? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing or a lockable expansion cap? (circle one) Does the well casing or a lockable expansion cap? (circle one) Does the well casing or a lockable expansion cap? (circle one) Does the well have a slip cap or a lockable expansion cap? (circle one) Does the well casing or well box need to be extended to install sampling port plug? Does the well have equipment installed (drop tube, pump, ctc.)? (specify) Does the well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing appear to be in good shape? If not, explain. Above-ground Wells Is the stok-up of the well and protective casing an appropriate height? Alt least 18 inches above ground level) Is the above-ground well cover a preterive casing or stove pipe? What type of material? Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? Is there ill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the protective casing and the protective casing and the well? Does the well box over impresent or in good condition? Is the real lid in diameter of the well box? A	COD	Water Supply
Depth To GW/SWL: Depth To GW/SWL: Delow TOC	2"	inches millimeters
Depth To GW/SWL:		31.18 below TOC
Is top of well above known flood or surface water level? Does the woll have a concrete well pad? Dimensions of the pad: Presence of cracks, voids, or defects in the pad? Is the pad on stable ground? (i.e., no adjacent erosion) Has the pad sunk into or been pushed from near ground surface? Does the well have a dedicated well head pump (for extraction)? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing indicate only one visible reference measuring point? Does the well casing indicate only one visible reference measuring point? Does the well casing indicate only one visible reference measuring point? Does the well casing indicate only one visible reference measuring point? Does the well casing or well box have a port hole? (a hole through the cap) Does the well have equipment installed (drop tube, pump, etc.)? (specify) Does the well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing appear to be in good shape? If not, explain. **Above-ground Wells** Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material? Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? Six there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are the well box cover impresent or in good condition? What is the difference of impact to the steel bumper guards? Flush-to-ground Wells Is the well box cover impresent or		32 below 100
Is top of well above known flood or surface water level?	NO	I company to the
Dimensions of the pad: Dimensions of the pad: Presence of cracks, voids, or defects in the pad? Is the pad on stable ground? (i.e. no adjacent erosion) Has the pad sunk into or been pushed from near ground surface? Does the well have a adedicated well head pump (for extraction)? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well casing or well box have an external ID tab or label? Does the well as a silp cag or a tockable expansion cap? (circle one) Does the well as a silp cag or a tockable expansion cap? (circle one) Does the well as a silp cag or a tockable expansion cap? (circle one) Does the well as the expandible cap have a port hole? (a hole through the cap) Does the well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing appear to be in good shape? If not, explain. Above-ground Wells Is the stick-up of the well and protective casing an appropriate height? At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material? Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells Is the well box Sightly elyvated, flush, or below ground surface? Is the well box possible appear to good condition? What is the diameter of the well box? Are the well box contain secments (e.g., diff, hvigs) that would have entered from the surface? Explain the surface of the surface water from entering the well?	C2-608. 1 (1) 2 2 1 1	Comments / Needed Repairs
Presence of cracks, voids, or defects in the pad? Is the pad on stable ground? (i.e., no adjacent erosion) Has the pad sunk into or been pushed from near ground surface? Does the well have a dedicated well head pump (for extraction)? Does the well casing allow for a cap seal? Does the well casing allow for a cap seal? Does the well have a silp cap or a lockable expansion cap? (circle one) Does the well have a silp cap or a lockable expansion cap? (circle one) Does the well have a silp cap or a lockable expansion cap? (circle one) Does the well casing indicate only one visible reference measuring point? Does the expandible cap have a port hole? (a hole through the cap) Does the well casing or well box need to be extended to install sampling port plug? Can the water level be measured? Does well casing appear to be in good shape? If not, explain. Above-ground Wells Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level) (Is the above-ground well cover a protective casing or stove pipe? What type of material? Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid? Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or bent? Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? What is the diameter of the well box? Are the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box contain secments (e.g., dift, hylgs) that would have entered from the surface? Coes the well box contain secments (e.g., dift, hylgs) that would have entered from the surface?		
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Are steel bumper guards highly visible (yellow/orange paint with reflective markings)? Any evidence of impact to the steel bumper guards? Flush-to-ground Wells Is the well box stightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?	/	
Any evidence of impact to the steel bumper guards? Flush-to-ground Wells Is the well box stightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?		
Any evidence of impact to the steel bumper guards? Flush-to-ground Wells Is the well box stightly elevated, flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well?		
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Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Is the annular seal in good condition? Coes the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?	NO	Comments / Needed Repairs
What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Is the annular seal in good condition? Coes the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?		
Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Societ well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?		
Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Is the annular seal in good condition? It is the well box contain water? (if so, note whother level is at TOC, suggesting leaking into well) It is the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? It is the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? It is the rubber gasket present and in good condition?		
s the rubber gasket present and in good condition? s the annular seal in good condition? Coes the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?		
s the annular seal in good condition? Coes the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?		
s the annular seal in good condition? Coes the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?	X	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?		
Coes the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Coes the expandable cap prevent surface water from entering the well?	×	
Does the expandable cap prevent surface water from entering the well?	~	···
Does the lid have an operational lock?		
		···
1000 the well have been a great and information to the		
Does the well box have a pressure relief or venting device?		
Observations:		





Project Name: Ashland Alterman Date: Olo 2le Project No: Technician(s):	117	Well iD Picture No	: Mw-8B
Con you longto the wells			_
If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle		Flush-to ground
	Type of We	ll: (circle)	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: Steel Stainless Steel Other:	141 11 151	マ"	
Depth To Product: below TOC	Well Diameter:		inches millimeters
Depth To GW/SWL: 25.94 below TOC	Current Total De Installation Total	epth: I Depth (from log):	51.33 below TOC
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
is top of well above known flood or surface water level?	X	1	The state of the pairs
Does the well have a concrete well pad?	X		
Dimensions of the pad:		1000	†
Presence of cracks, voids, or defects in the pad?			
Is the pad on stable ground? (i.e., no adjacent erosion)		 ~ ~ 	
Has the pad sunk into or been pushed from near ground surface?	 	 	
Does the well have a dedicated well head pump (for extraction)?		 	
Does the well casing allow for a cap seal?	- >	+ X	
Does the protective casing or well box have an external ID tab or label?	X	 	
Does the well have a slip cap or a lockable expansion cap? (circle one)		X	
Does the well casing indicate only one visible reference measuring point?	3,000	-	Slip cap / Lockable exp. cap
Does the expandible cap have a port hole? (a hole through the cap)	X	ļ	
Does the well have equipment installed (drop tube, pump, etc.)? (specify)	14		
Does the well casing or well box need to be extended to install sampling port plug?		×	
Can the water level be measured?	 	X	
Does well casing appear to be in good shape? If not, explain.	- ×		
11271 DW	1 7		
Ahove-ground Wells	YES	NO	Comments / Needed Repairs
is the stick-up of the well and protective casing an appropriate height?	TO A STATE OF THE	1000 CONTRACTOR 1	
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			/
Are the lid hinges in good condition?		/	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent?	190	/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?	/		
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated, flush, or below ground surface?		HIGGS CONT.	y commenter, rescued repairs
Is the well box cover min present or in good condition?	V.		
What is the diameter of the well box?	~_~		_
Are the well box bolts present?		Para and the	
Can all bolts be tightened to well box?	- 5		
Is the rubber gasket present and in good condition?			
is the annular seal in good condition?		×	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	X		
Does the well box contain sediments (e.g., dirf, twigs) that would have entered from the surface?		K	
Does the expandable cap prevent surface water from entering the well?			
Does the lid have an operational lock?		93	
Does the well box have a pressure relief or venting device?			
Observations:			





Project Name: Ashland Alternan Date: Old 21 Project No: Technician(s): 5	cl 1+	Well IC Picture No	- MM - 8C
			<i>.</i>
Can you locate the well? Yes No	Completion (circle): Above-ground	Flust-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Wel	l: (circle)	<u> </u>
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	2"	inches millimeters
Depth To Product: below TOC	Current Total De	epth:	85.14 below TOC
Depth To GW/SWL: 30.85 below TOC		Depth (from log):	85'
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?			
Does the well have a concrete well pad?	X		
Dimensions of the pad:			-
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		'X	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or labei?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)	523	-	Slip cap / Lookable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		The state of the s
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	X	· · · · · · · · · · · · · · · · · · ·	
Does well casing appear to be in good shape? If not, explain.	7		
Above-ground Wells	LE Patro Diversion 1971	1025.00 4	T
Is the stick-up of the well and protective casing an appropriate height?	YES	NO	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?	===		
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?	2		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	_/		
Any evidence of impact to the steel bumper guards?			
	DANKE TO SERVICE STREET		
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated flush, or below ground surface?			•
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?		-	•
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	*		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		×	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	X		
Does the expandable cap prevent surface water from entering the well?	X		
Does the lid have an operational lock?	X		
Does the well box have a pressure relief or venting device?			
Observations:			





Project Name: Ashland Mernan Date: Olelas	6/17	Well ID:	mw-9A
Project No: Technician(s):	eS	Picture No:	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Fluen-in-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:		OVERDE Situation
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
s well clearly identified? Yes No	Injection	COD	Water Supply
		211	
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	هـ	inches millimeters
Depth To Product: below TOC	Current Total Dep	oth:	30.20 below TOC
Depth To GW/SWL: 20.95 below TOC	Installation Total	Depth (from log):	301
Wellhead and Casing Information	YES	NO	Comments / Needed Repair
is top of well above known flood or surface water level?	*		
Does the well have a concrete well pad?	X		
Dimensions of the pad:		vageur-	
Presence of cracks, voids, or defects in the pad?		*	
Is the pad on stable ground? (i.e., no adjacent erosion)	*		
Has the pad sunk into or been pushed from near ground surface?		×	
Does the well have a dedicated well head pump (for extraction)?		X	
Does the well casing allow for a cap seal?	Υ		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)	45%		Slip cap / Lock ble exp. ca
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	*		
Does well casing appear to be in good shape? If not, explain.	1		
	YES	l no	Comments / Needed Repair
Above-ground Wells	TES	NO	
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material	?		
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Any evidence of impact to the otter and a		1	Comments (Needed Panel
Flush-to-ground Wells	YES	NO	Comments / Needed Repai
Is the well box slightly elevated, flush, or below ground surface?			
Is the well box cover rim present or in good condition?	<u> </u>		
What is the diameter of the well box?		_	
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X	-	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	X		
Does the expandable cap prevent surface water from entering the well?	X		
Does the lid have an operational lock?			
Does the lid have an operational lock? Does the well box have a pressure relief or venting device?			



Project Name: Ashand Alterman Date: 06/26	17	Well ID:	mw-10A
Project No: Technician(s): So Kes		Picture No:	
	<u> </u>	•	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Fluen-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	•	
	Monitoring	Piezometer	SVE/DPE Extraction
Can well be located by: GPS Metal Detector Shovel Other:			
Is well clearly identified? Yes X, No	Injection	COD	Water Supply
		211	
Well Riser Material: PVC Steel Stainless Steel Other:	Well Diameter:	0	inches millimeters
Depth To Product: below TOC	Current Total De	pth:	37.98 below TOC
Depth To GW/SWL: 24.74 below TOC	Installation Total	Depth (from log):	_37
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	*		
Does the well have a concrete well pad?	1		
Dimensions of the pad:		92.33	_
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
		X	
Has the pad sunk into or been pushed from near ground surface?			
Does the well have a dedicated well head pump (for extraction)?	-		
Does the well casing allow for a cap seal?		J	
Does the protective casing or well box have an external ID tab or label?			Clin con /1 o Phile own con
Does the well have a slip cap or a lockable expansion cap? (circle one)			Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	<u> </u>		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.	1		
		1	
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?	1		
(At least 18 inches above ground level)		-	
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?		1	
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			<u> </u>
	1	1	I Commende / Nonded Commiss
Flush-to-ground Welle	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated, flush, or below ground surface?			
Is the well box cover rim present or in good condition?	<u> </u>		
What is the diameter of the well box?		_	
Are the well box bolts present?	7		
Can all bolts be tightened to well box?	1		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		*	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	X		
Does the expandable cap prevent surface water from entering the well?	7		
Does the lid have an operational lock?	1 1		
Does the well box have a pressure relief or venting device?			
Observations:			



Project Name: Ashland Alternan Date: Oct 21	elit	Well ID	801-WM
Project No: Technician(s): Seil	605	Picture No	•
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flusteround
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	•	
Can well be located by: GPS Metal Detector Shovel, Other:	Monitoring	Piezometer	SVE/DPE Extraction
		COD	
Is well clearly identified? Yes No	Injection	COD	Water Supply
		- 1 ¹	
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	d	_inches millimeters
Depth To Product:below TOC	Current Total Dep	th:	49.49 below TOC
Depth To GW/SWL: 26.57 below TOC	Installation Total [Depth (from log):	501
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	V C		
Does the well have a concrete well pad?			
Dimensions of the pad:		-	_
Presence of cracks, voids, or defects in the pad?			
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		X	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)			Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)	•		
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		×	
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.	×		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material	?		
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box alightly elevated, flush, or below ground surface?			
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?		_	N====
Are the well box bolts present?	×	_	
Can all bolts be tightened to well box?	×		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		K.	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			1
			
Does the expandable cap prevent surface water from entering the well?			
Does the lid have an operational lock?		<u> </u>	1
Does the well box have a pressure relief or venting device?	1		1
Observations:			





Project Name: Ashland Alterman Date: Ole/2	10/1/1	Well ID:	mw-100
Project No: Technician(s): Soil	< 0S	Picture No:	
Can you locate the well? Yes No	Completion (circle):		Flust-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	, ,	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
	Mall Diameter	2 *	inches millimeters
Well Riser Material: Roo Steel Stainless Steel Other:	Well Diameter:	96	- 1/14/16/20 CH24
Depth To Product: below TOC	Current Total De		86.0] below TOC
Depth To GW/SWL: 3\.39 below TOC	Installation Total	Depth (from log):	-881
Wellhead and Casing Information	YES	- NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	Y		
Does the well have a concrete well pad?	70		
Dimensions of the pad:	-	-	
Presence of cracks, voids, or defects in the pad?		×	
Is the pad on stable ground? (i.e., no adjacent erosion)	70		
Has the pad sunk into or been pushed from near ground surface?		70	
Does the well have a dedicated well head pump (for extraction)?		X	
Does the well casing allow for a cap seal?	×		
Does the protective casing or well box have an external ID tab or label?		Χ.	
Does the well have a slip cap or a lockable expansion cap? (circle one)	-		Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	*		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	1		
Does well casing appear to be in good shape? If not, explain.	×		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			/
Does the protective casing have a lid?			
Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?	8	/	
Are steel bumper guards around the procedure adding in section many! Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?	/		
	1	1	I Commente (Needed Benelm)
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated flush, or below ground surface?	—		
Is the well box cover rim present or in good condition?	~		
What is the diameter of the well box?	2	hite-tail	
Are the well box bolts present?			
Can all bolts be tightened to well box?			
Is the rubber gasket present and in good condition?			
Is the annular seal in good condition?			
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		_ ~	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			
Does the expandable cap prevent surface water from entering the well?	<u> </u>	-	
Does the lid have an operational lock?			
Does the well box have a pressure relief or venting device?		<u> </u>	
Observations:			





Project Name: Ashland Alterman Date: Oklah	417	Well ID	: MW-llA
Project No: Technician(s): 50.1	Kes	Picture No	
Call you locate the well:	Completion (circle):		Flust 10-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:		0) (5) (5) (5)
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piczoneter	SVE/DPE Extraction
ls well clearly identified? Yes 📈 No	Injection	COD	Water Supply
		2 11	
Well Riser Material: Po Steel Stainless Steel Other:	Well Diameter:	2	inches millimeters
Depth To Product: below TOC	Current Total Dep		30.14 below TOC
Depth To GW/SWL: 24.85 below TOC	Installation Total	Depth (from log):	
		1	Community / Navided Benefits
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	+		
Does the well have a concrete well pad?			
Dimensions of the pad:		×	
Presence of cracks, voids, or defects in the pad?		~	
Is the pad on stable ground? (i.e., no adjacent erosion)			
Has the pad sunk into or been pushed from near ground surface?		1 2	
Does the well have a dedicated well head pump (for extraction)?			
Does the well casing allow for a cap seal?		1	
Does the protective casing or well box have an external ID tab or label?	1000		Slip cap / Lockable exp. cap
Does the well have a slip cap or a lockable expansion cap? (circle one)	V .		3.17 3.27
Does the well casing indicate only one visible reference measuring point?	~		
Does the expandible cap have a port hole? (a hole through the cap)		×	
Does the well have equipment installed (drop tube, pump, etc.)? (specify) Does the well casing or well box need to be extended to install sampling port plug?		Y	
Can the water level be measured?	4		
Does well casing appear to be in good shape? If not, explain.	1 7		
Does well casing appear to be in good one-po			
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level)	5		
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition? Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
		NO	Comments / Needed Repairs
Flush-to-ground Wells	YES	NO	Commence / Medada Nopuna
Is the well box slightly elevanid, flush, or below ground surface?			
Is the well box cover firm present or in good condition?			
What is the diameter of the well box?	X		
Are the well box bolts present?	7		
Can all bolts be tightened to well box? Is the rubber gasket present and in good condition?		×	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	- X		Not to TOC
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	X		
Does the well box contain sediments (e.g., dirt, wigs) that rough the well?	X		
Does the lid have an operational lock?			
Does the well box have a pressure relief or venting device?			
Observations:			





Project Name: Ashland Alterman Date: 0 421	117	Well ID:	WM-IIB
		Picture No:	
Project No: Technician(s): Spike	-3		
Can you locate the well?	Completion (circle):	Above-ground	Flus 1-10 ground
Call you locate the well:	Type of Well:	_	Trade Trade
If no, is the well (possibly): Buried Destroyed Abandoned	V 1-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Piezometer	SVE/DPE Extraction
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring		
Is well clearly identified? Yes X No	Injection	COD	Water Supply
		011	
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	211	inches millimeters
Depth To Product: below TOC	Current Total Dep	oth:	Sk. 18 below TOC
Depth To GW/SWL: 24.45 below TOC	Installation Total	Depth (from log):	SU
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	¥		
Does the well have a concrete well pad?	1 4		
		2220	
Dimensions of the pad:		×	
Presence of cracks, voids, or defects in the pad?	×		
Is the pad on stable ground? (i.e., no adjacent erosion) Has the pad sunk into or been pushed from near ground surface?	-	1	
		1	
Does the well have a dedicated well head pump (for extraction)?	1		
Does the well casing allow for a cap seal?		*	
Does the protective casing or well box have an external ID tab or label?			Slip cap / Lockable exp. cap
Does the well have a slip cap or a lockable expansion cap? (circle one)	- V		
Does the well casing indicate only one visible reference measuring point?	79		
Does the expandible cap have a port hole? (a hole through the cap)		V	
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		\	1
Does the well casing or well box need to be extended to install sampling port plug?	*	1	
Can the water level be measured?			
Does well casing appear to be in good shape? If not, explain.	1 7		,
Above ground Wolle	YES	NO	Comments / Needed Repairs
Above-ground Wells Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?	/		
	YES	l NO	Comments / Needed Repairs
Flush-to-ground Wells	169	NO	Commence / Nedect Nepalle
Is the well box dightly elevated, flush, or below ground surface?	- 1		_
Is the well box cover rim present or in good condition?	N		
What is the diameter of the well box?			
Are the well box bolts present?	70		
Can all bolts be tightened to well box?	 	<u> </u>	
Is the rubber gasket present and in good condition?		<u> </u>	
Is the annular seal in good condition?	X		
Does the well box contain water? (If so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt. twigs) that would have entered from the surface?		1	
Does the expandable cap prevent surface water from entering the well?			
Does the lid have an operational lock?	X		
Does the well box have a pressure relief or venting device?	70		
Observations:			





Project Name: ASWand Alternan Date: Delzle	IT	Well ID:	mw-IIC
Project No: Technician(s): Spikes		Picture No:	
		•	6
4,500	Completion (circle):	_	Flus to ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	(circle)	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
s well clearly identified? Tes 🔀 No	Injection	COD	Water Supply
_		~ N	
Nell Riser Material: PV Steel Stainless Steel Other:	Well Diameter:	<u>a</u>	inches millimeters
Depth To Product: — below TOC	Current Total Dep	oth:	below TOC
Depth To GW/SWL: 25.17 below TOC	Installation Total	Depth (from log):	-87.94- 88
Vellhead and Casing Information	YES	NO	Comments / Needed Repairs
s top of well above known flood or surface water level?) X		
loes the well have a concrete well pad?	X		
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?		χ.	
Is the pad on stable ground? (i.e., no adjacent erosion)	*		
Has the pad sunk into or been pushed from near ground surface?		<u> </u>	
Does the well have a dedicated well head pump (for extraction)?		X	
oes the well casing allow for a cap seal?	7		
Does the protective casing or well box have an external ID tab or label?		*	Slip cap / Lockable exp. cap
Does the well have a slip cap or a lockable expansion cap? (circle one)			Silp cap / Locitative exp. cap
Does the well casing indicate only one visible reference measuring point?	×		
Does the expandible cap have a port hole? (a hole through the cap)		>0	
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		3	-
Does the well casing or well box need to be extended to install sampling port plug?			
Can the water level be measured?	%		
Does well casing appear to be in good shape? If not, explain.	1 1		
Above-ground Wells	YES	NO	Comments / Needed Repairs
s the stick-up of the well and protective casing an appropriate height?			
At least 18 inches above ground level)			
s the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
s there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
is the well box signtly elevated, flush, or below ground surface?			
s the well box cover rim present or in good condition?			
s the well box cover rim present or in good condition? What is the diameter of the well box?			2 bolts cracked of
s the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present?	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		2 bolts cracked of
s the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box?	Y	X	2 bolts cracked of
s the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition?	* * * * * * * * * * * * * * * * * * *	X	2 bolts cracked of 1 bolt Can
s the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition?		X	2 bolts cracked of 1 bolt can
s the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? s the rubber gasket present and in good condition? s the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)			2 bolts cracked of 1 bolt Can
Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			2 bolts cracked of 1 bolt Can
Is the well box sontil velevates flush, or below ground surface? Is the well box cover rim present or in good condition? What is the diameter of the well box? Are the well box bolts present? Can all bolts be tightened to well box? Is the rubber gasket present and in good condition? Is the annular seal in good condition? Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well) Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface? Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock?			2 bolts cracked of 1 bolt Can





Project Name: Ashland Alternan Date: Oul2	4	Well ID	: MW-13A
Project No:Technician(s):		Picture No	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flus Floground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:		
Can well be located by: GPS Metal Detector Shovel Other:	Monitorino	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
	injobilon	.1	vvalei Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	2"	inches millimaters
Depth To Product: below TOC	Current Total Der	OL.	inches millimeters
Depth To GW/SWL: 9.86 below TOC			24.35 below TOC
T. Bu below foc	Installation Total I	Depth (from log):	241
Wellhead and Casing Information			
Is top of well above known flood or surface water level?	YES	NO	Comments / Needed Repairs
Does the well have a concrete well pad?	- Y-	· · · · · · · · · · · · · · · · · · ·	
	~		
Dimensions of the pad:	_		
Presence of cracks, voids, or defects in the pad?	1		
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		×	
Does the well casing allow for a cap seal?	×		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)		***	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	×		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		×	
Does the well casing or well box need to be extended to install sampling port plug?		'X	
Can the water level be measured?	×		
Does well casing appear to be in good shape? If not, explain.	×		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?	-		
Does the protective casing have all id?	-		
Are the lid hinges in good condition?	-		
	-		
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well? Does the above-ground protective cover appear rusted out, damaged, or bent?	-		
Are steel humper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated, flush, or below ground surface?			- Trocada Mapana
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?	 		
Are the well box bolts present?	-		
Can all bolts be tightened to well box?	-		
Is the rubber gasket present and in good condition?			
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			
Does the expandable cap prevent surface water from entering the well?	 		
Does the lid have an operational lock?	 X		
Does the well box have a pressure relief or venting device?	 		
Observations:			<u> </u>





Project Name: Ashland Alternan Date: 04/26	?	Well ID:	mm-13R
Project No: Technician(s):	S	Picture No:	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flush-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned		•	rid a-19 -ground
	Type of Well:		0) (5) (5) (5)
Can well be located by: GPS Metal Detector Shovel Other:	Menitoring)	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
		a 11	
Well Riser Material: Pyth Steel Stainless Steel Other:	Well Diameter:	_a"	inches millimeters
Depth To Product: below TOC	Current Total Dep	oth:	71.43 below TOC
Depth To GW/SWL: below TOC	Installation Total	Depth (from log):	12'
10.70			
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	X		- Commence / Hoodesa Hopans
Does the well have a concrete well pad?	×		
Dimensions of the pad:		X	
Presence of cracks, voids, or defects in the pad?		~	
Is the pad on stable ground? (i.e., no adjacent erosion)	K		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		X.	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		×	
Does the well have a slip cap or a lockable expansion cap? (circle one)	142	·	Slip cap / Lo (Cable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.	X		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level)	1		
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?		/	
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box aightly elevated, flush, or below ground surface?	1 .		
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?		1.5	
Are the well box bolts present?	×	9	
Can all bolts be tightened to well box?	٧.		
Is the rubber gasket present and in good condition?		χ.	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	1	7	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		·····	
Does the expandable cap prevent surface water from entering the well?	+ X		
Does the lid have an operational lock?	 \ \ \ \ \ - \		
Does the well box have a pressure relief or venting device?		<u> </u>	
Observations:	•		





roject Name: Achland Alternan Date: Olelale	117	Well ID:	mw-13C
Toject Name.	-~-	Picture No:	
Project No: Technician(s):			
all you locate the well:	Completion (circle):		Flusa-to ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	-	SVE/DPE Extraction
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	
s well clearly identified? Yes No	Injection	COD	Water Supply
		211	inches millimeters
Nell Riser Material: PC Steel Stainless Steel Other:	Well Diameter:	<u>ما</u>	below TOC
Depth To Product:below TOC	Current Total Dep		
Depth To GW/SWL: below TOC	Installation Total	Depth (from log):	68
			Lo Associated Donoise
Nellhead and Casing Information	YES	NO	Comments / Needed Repairs
s top of well above known flood or surface water level?	X-		
Does the well have a concrete well pad?	X		
Dimensions of the pad:	_		
Presence of cracks, voids, or defects in the pad?		X -	
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		<u> </u>	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		X	Slip cap / Lockable exp. cap
Does the well have a slip cap or a lockable expansion cap? (circle one)	- 1	1.44	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X	<u> </u>	<u> </u>
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		7	
Does the well casing or well box need to be extended to install sampling port plug?			
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.	X	<u> </u>	
	YES	NO	Comments / Needed Repair
Above-ground Wells	123		
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material	?		
Does the protective cover have an operational lock between the lid and cover?			
Does the protective cover have all operational restriction. Does the protective casing have a lid?			
Are the lid hinges in good condition?		/	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?	/		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?	-		
Any evidence of impact to the steel composing and the		1	Comments / Needed Repair
Flush-to-ground Wells	YES	NO	Comments / Needed Nepan
Is the well box slightly elevated flush, or below ground surface?			
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?			
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			
Does the well box contain south	¥		
Does the expandable cap prevent surface water from entering the well?	1 5/		
Does the expandable cap prevent surface water from entering the well?			
Does the expandable cap prevent surface water from entering the well? Does the lid have an operational lock? Does the well box have a pressure relief or venting device?	*		



Project Name: Ashland Alternan Date: 0621	e\\7	Well ID:	MW-14A
Project No: Technician(s):	CO.S	Picture No:	
		•	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flust-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	-	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes X, No	Injection	COD	Water Supply
is well clearly identified:	Injection	COD	vvater Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	\sim 11	inches millimeters
		-th.	- 00
Depth To Product: below TOC	Current Total Dep		56.89 below TOC
Depth To GW/SWL: 26.47 below TOC	Installation Total	Depth (from log):	35.00
	1		
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	X		
Does the well have a concrete well pad?	X		
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?	70		
Is the pad on stable ground? (i.e., no adjacent erosion)			
Has the pad sunk into or been pushed from near ground surface?		×	
Does the well have a dedicated well head pump (for extraction)?		7/	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		У.	
Does the well have a slip cap or a lockable expansion cap? (circle one)			Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	× ×		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		<u> </u>	
Does the well casing or well box need to be extended to install sampling port plug?		7	
Can the water level be measured?	7		
Does well casing appear to be in good shape? If not, explain.		<u> </u>	
Above ground Wolle	YES	NO	Comments / Needed Repairs
Above-ground Wells Is the stick-up of the well and protective casing an appropriate height?	120		
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?		/	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?			
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
is the well box stightly elevated flush, or below ground surface?			
Is the well box cover rim present or in good condition?	XX		
What is the diameter of the well box?		To the	
Are the well box bolts present?			
Can all bolts be tightened to well box?	X	X	1001+
Is the rubber gasket present and in good condition?		X	-
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		×	
Does the well box contain sediments (e.g., dirt. twigs) that would have entered from the surface?			
Does the expandable cap prevent surface water from entering the well?			
Does the lid have an operational lock?	*		
Does the well box have a pressure relief or venting device?			I
Observations:		0	
Plate won't lay flush, P	ad crack	Ced One	boltcracked
0,		2012 - 1	
			- 10

in threads.





oject Name: Ashland Atterman Date: OLDUT		Well ID Picture No	: mw-15A	
Can you locate the well? Yes No If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle): Type of Well:		Flosh-10-ground SVE/DPE Extraction	
Can well be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Menitoring	COD	Water Supply	
Well Riser Material: P Steel Stainless Steel Other: Depth To Product: below TOC	Well Diameter: Current Total Dep	a [#]	inches millimeters 31.59 below TOC	
Depth To GW/SWL: 20.37 below TOC	Installation Total C	Depth (from log):	31.50	
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs	
Is top of well above known flood or surface water level?	<u> </u>			
Does the well have a concrete well pad?	X			
Dimensions of the pad:				
Presence of cracks, voids, or defects in the pad?		*		
Is the pad on stable ground? (i.e., no adjacent erosion)	X			
Has the pad sunk into or been pushed from near ground surface?		X		
Does the well have a dedicated well head pump (for extraction)?		X		
Does the well casing allow for a cap seal?	7			
Does the protective casing or well box have an external ID tab or label?		*		
Does the well have a <u>slip cap</u> or a <u>lockable expansion cap?</u> (circle one)			Slip cap / Lockabe exp. cap	
Does the well casing indicate only one visible reference measuring point?	*			
Does the expandible cap have a port hole? (a hole through the cap)				
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X		
Does the well casing or well box need to be extended to install sampling port plug?		×		
Can the water level be measured?	1			
Does well casing appear to be in good shape? If not, explain.	1 1			
Does well casing appear to be in good shape: If not, explain.				
Above-ground Wells	YES	NO	Comments / Needed Repairs	
Is the stick-up of the well and protective casing an appropriate height?			_	
(At least 18 inches above ground level)				
Is the above-ground well cover a protective casing or stove pipe? What type of material?				
Does the protective cover have an operational lock between the lid and cover?				
Does the protective casing have a lid?				
Are the lid hinges in good condition?				
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?				
Does the above-ground protective cover appear rusted out, damaged, or bent?				
Are there steel bumper guards around the protective casing? If so, how many?				
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?				
Any evidence of impact to the steel bumper guards?				
Any evidence of impact to the clear bumps grants				
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs	
Is the well box slightly elevated, flush, or below ground surface?				
Is the well box cover rim present or in good condition?	X			
What is the diameter of the well box?	-			
Are the well box bolts present?	×			
Can all bolts be tightened to well box?	X			
Is the rubber gasket present and in good condition?		X		
Is the annular seal in good condition?	X			
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X		
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?				
Does the expandable cap prevent surface water from entering the well?	Y			
Does the lid have an operational lock?		 		
Does the well box have a pressure relief or venting device?		1	1	
Observations:				



Project Name: Ashland Alternan Date: Olelate Project No: Technician(s): Spirit	117	Well ID	MWASB
Project No: Technician(s):	208	Picture No	: MW-LSB
	Completion (circle):	Above-ground	Flush-to ground
	Type of Well:		SVE/DDE Extraction
Can well be located by: GPS Metal Detector Shovel Other:	Montorino	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: PC Steel Stainless Steel Other:	Well Diameter:	a"	inches millimeters 41.75 below TOC
Depth To Product: below TOC	Current Total Dep		47.(S below TOC
Depth To GW/SWL: Delow TOC	Installation Total I	Depth (from log):	48.50
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	X		
Does the well have a concrete well pad?	X		
Dimensions of the pad:	-		
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	×		
	 	~	
Has the pad sunk into or been pushed from near ground surface?		5	
Does the well have a dedicated well head pump (for extraction)?			
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?	- 20	Κ	Stin con (1 oc 312) our con
Does the well have a slip cap or a lockable expansion cap? (circle one)			Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X	
Does the well casing or well box need to be extended to install sampling port plug?	-	K	
Can the water level be measured?	7		
Does well casing appear to be in good shape? If not, explain.	1 7		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?			
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			_
is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?	/		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?	/		
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box sightly relevated bush, or below ground surface?	123	110	Commence / Needed Nepallo
Is the well box cover rim present or in good condition?			
	~	100.000	
What is the diameter of the well box?	1	110	======
Are the well box bolts present?	*		-
Can all bolts be tightened to well box?	X	×	
Is the rubber gasket present and in good condition?			
Is the annular seal in good condition?			
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)			
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	+		
Does the expandable cap prevent surface water from entering the well?	X		+
Does the lid have an operational lock?	 X	<u> </u>	
Does the well box have a pressure relief or venting device?	<u> </u>	<u> </u>	1
Observations:	(





Project Name: Ashland Alternan Date: Outs Project No: Technician(s):	aul 17	Well II Picture No	1: MW-15C
If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle)	•	Flush-to-ground
Can well be located by: GPS Metal Detector Shovel Other: Is well clearly identified? Yes No	Injection	Piezometer COD	SVE/DPE Extraction Water Supply
Well Riser Material: Steel Stainless Steel Other: below TOC Depth To GW/SWL: below TOC	Well Diameter: Current Total De Installation Total	2	inches millimeters 69.71 below TOC
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
is top of well above known flood or surface water levei?	X	2 2 2 3 2 M 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	
Does the well have a concrete well pad?	1 1		
Dimensions of the pad:	29		
Presence of cracks, voids, or defects in the pad?		×	
Is the pad on stable ground? (i.e., no adjacent erosion)	X	 	
Has the pad sunk into or been pushed from near ground surface?		 	
Does the well have a dedicated well head pump (for extraction)?	 	 	
Does the well casing allow for a cap seal?	+	 ~ -	ļ
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)	9010		OF A STATE OF THE
Does the well casing indicate only one visible reference measuring point?	×	500	Slip cap / Lockable exp. cap
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)	-	J	
Does the well casing or well box need to be extended to install sampling port plug?	+	<u> </u>	
Can the water level be measured?		<u> </u>	
Does well casing appear to be in good shape? If not, explain.	\ \ \ \ \		
	<u> </u>		201 1231 DECEMBER 3017/0012
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)	DATES DESCRIPTION		
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?	- 68 121		
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?	 	_/	
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?	/		
		and a supporter sec	DWWIII 1005
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well boy slightly elevated flush, or below ground surface?			
Is the well box constraint present or in good condition?	X		
What is the diameter of the well box?			
Are the well box bolts present?	×		
Can all bolts be tightened to well box?	× 7		
Is the rubber gasket present and in good condition?		<u> </u>	
Is the annular seal in good condition?	×		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		· · · · · · · · · · · · · · · · · · ·	
Does the expandable cap prevent surface water from entering the well?	×		
Does the lid have an operational lock?	\		
Does the well box have a pressure relief or venting device?	\		
Observations:	· /> -		





Project Name: HShland Alterman Date: 06/2	6/17	Well ID:	mw-16A
Project No:Technician(s):	ces	Picture No:	
Can you locate the well? Yes No	Campalation (c. 1.)		
If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle): Type of Well:	-	Flush-to-ground
Can well be located by: GPS Metal Detector Shovel Other:	Maniforina	, ,	0) (5) (5)
Is well clearly identified? Yes No		Piezometer	SVE/DPE Extraction
103 /	Injection	COD	Water Supply
Well Riser Material: PVC Steel Stainless Steel Other:	Well Diameter:		inches millimeters
Depth To Product: below TOC	Current Total Dep	oth:	32.57 below TOC
Depth To GW/SWL: 28 below TOC	Installation Total (32.00
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	V	ourself to the second s	Comments / Needed Repairs
Does the well have a concrete well pad?	- 2		
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	×		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		*	
Does the well casing allow for a cap seal?	 X 		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)		4	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X	15	опр сар / поскарте ехр. сар
Does the expandible cap have a port hole? (a hole through the cap)		16	
Does the well have equipment installed (drop tube, pump, etc.)? (specify)			
Does the well casing or well box need to be extended to install sampling port plug?		×	
Can the water level be measured?			
Does well casing appear to be in good shape? If not, explain.	X		
			DAMORI KI SISKEIN OVOK KY
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)	No. 1		6 000
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			/
Does the protective casing have a lid?	-		
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?		/	
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?	/		
Charles and Walland Walland Control of the Control	St. 151851075	Median (constraint to the foreign	
Flush-to-ground Wells is the well box slightly elevated, flush, or below ground surface?	YES	NO	Comments / Needed Repairs
<u>-</u>			
Is the well box sever in present or in good condition?	X		
What is the diameter of the well box?	(1000)	-	
Are the well box bolts present?	 		
Can all bolts be tightened to well box? Is the rubber gasket present and in good condition?	 		
Is the annular seal in good condition?	 		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	+ 5		
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	+-\$-		
Does the expandable cap prevent surface water from entering the well?	₩	CONT.	
Does the lid have an operational lock?	<u> </u>		
Does the well box have a pressure relief or venting device?	 		
Observations:			





Project Name: HShland Al-	re (man	Date: 👤 🖯 🜘	Jaul 1	7	Well ID:	mw-le	ひ
Project No:		chnician(s):	الحكور	KOS	Picture No:		
			- 4.		-		
Can you locate the well?	Yes	No	Com	pletion (circle):	: Above-ground	Flush to-ground	
If no, is the well (possibly): Buried D	. —		00111	Type of Well:		r idogrado gradana	
Can well be located by: GPS Metal Detec				<u> </u>	•	SVE/DDE	Cutsostion
		200 FASS	******	Monitoring	Piezometer	SVE/DPE	Extraction
Is well clearly identified?	Yes 🔼	Ŋ No		Injection	COD	Water Supply	
6					~ 11		
	nless Steel Oti		W	ell Diameter:	<u> </u>	inches millimet	ers
Depth To Product:	be	low TOC	Cı	ırrent Total De	pth:	43.43	below TOC
Depth To GW/SWL:	L.33 be	low TOC	In	stallation Total	Depth (from log):	441	•
~							
Wellhead and Casing Information		Line West Control	是是言語	YES	NO	Comments / Ne	eded Repairs
is top of well above known flood or surface	water level?	AND DESCRIPTION OF THE PARTY		×			-2-2-14 1414ES
Does the well have a concrete well pad?							
Dimensions of the pad:			25		50165		
Presence of cracks, voids, or defects in the	ne pad?				×		
Is the pad on stable ground? (i.e., no adja				V	'		
Has the pad sunk into or been pushed fro		urface?			×		
Does the well have a dedicated well head p					1		
Does the well casing allow for a cap seal?	amp (for extraori	ony.		*		 	
Does the protective casing or well box have	an external ID t	ah or lahel?			X		
Does the well have a slip cap or a lockable				8		Slip cap / Locka	Ship Syn can
		· · · · · · · · · · · · · · · · · · ·		 -	1	Ship cap / Lugas	лые схр. сар
Does the well casing indicate only one visib Does the expandible cap have a port hole?							
					 		7.6
Does the well have equipment installed (dro			W-		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
Does the well casing or well box need to be	extended to inst	all sampling port blug?					
Can the water level be measured?				}		-	
Does well casing appear to be in good shap	e? If not, explai	n.			100	1	
Above-ground Wells			10/22/187	YES	NO	Comments / Ne	eded Repairs
Is the stick-up of the well and protective cas	sing an appropria	ite height?	TAPLE AT A S.	54Me14 # 51746/4713	# 10 PACK PROPERTY		
(At least 18 inches above ground level)	9						
Is the above-ground well cover a protective	casing or stove	pipe? What type of mat	terial?		1	3	
Does the protective cover have an operatio	nal lock between	the lid and cover?					
Does the protective casing have a lid?		±10			1	/	
Are the lid hinges in good condition?						_	
Is there fill (e.g., gravel, sand, concrete) bet	tween the protec	tive casing and the well	2		/		
Does the above-ground protective cover ap			+				
Are there steel bumper guards around the p	··						
Are steel bumper guards highly visible (yello)?				
Any evidence of impact to the steel pumper		<u>-</u>		/			
, my condition of impact to the cites a map of	9******		1 4		1	1	
Flush-to-ground Wells	SPARKING IN			YES	NO trail	Comments / Ne	eded Repairs
Is the well box slightly elevated, flush, or be	low ground surfa	ce?					
Is the well box cover rim present or in good				*			
What is the diameter of the well box?				-		-	
Are the well box bolts present?				×			
Can all bolts be tightened to well box?				×			
is the rubber gasket present and in good co	ondition?			20	X	· ·	
Is the annular seal in good condition?				×			
Does the well box contain water? (if so, note whe	ther level is at TOC	c, suggesting leaking into v	vell)		X		
Does the well box contain sediments (e.g., dirt, tw				10	×		
Does the expandable cap prevent surface v				4			
Does the lid have an operational lock?				14		 	
Does the well box have a pressure relief or	venting device?			×			
Observations:					1	1	





Project Name: Ashland Alterman Date: 06/2	417	Well ID:	mw-lec
Project No: Technician(s): Spi	Kos	Picture No:	www tec
	+		
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flush-to-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	•	ridon ta gastina
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified?	Injection	COD	
	Mjootion	i, D	Water Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	ຊ່	inches williams
Depth To Product: below TOC			inches millimeters
Depth To GW/SWL: 19 below TOC	Current Total Dep		le 1.93 below TOC
1911/21 35:00 100	Installation Total [Depth (from log):	<u> </u>
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	×	380 XVIII	- The Court Repairs
Does the well have a concrete well pad?	×		
Dimensions of the pad:	-		
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	X		
Has the pad sunk into or been pushed from near ground surface?		X	
Does the well have a dedicated well head pump (for extraction)?		× ×	
Does the well casing allow for a cap seal?	Y		
Does the protective casing or well box have an external ID tab or label?		×	
Does the well have a slip cap or a lockable expansion cap? (circle one)		7443	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		стр сарт соскарте ехр. сар
Does the expandible cap have a port hole? (a hole through the cap)	1		
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		×	
Does the well casing or well box need to be extended to install sampling port plug?		-	
Can the water level be measured?	X		
Does well casing appear to be in good shape? If not, explain.	' X		
1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			THE RESERVE THE PROPERTY OF THE PARTY OF THE
Above-ground Wells	YES	NO -	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?		1000	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?	-		8
Does the above-ground protective cover appear rusted out, damaged, or bent?	 	/	
Are there steel bumper guards around the protective casing? If so, how many?	-		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?			
	_		
Flush-to-ground Wells	YES YES	NO	Comments / Needed Repairs
Is the well box slightly elevated flush, or below ground surface?			1
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?			
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X	XII	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	T -/> -	X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		×	
Does the expandable cap prevent surface water from entering the well?	×		
Does the lid have an operational lock?	×		
Does the well box have a pressure relief or venting device?	×		
Observations:			· · · · · · · · · · · · · · · · · · ·
			į





e/17	Well ID:	MW-18A	
ikes	Picture No:		
Completion (circle):	Above-ground	Flust-to-ground	
Type of Well:	(circle)		
Monitoring	Piezometer	SVE/DPE Extraction	1
Injection	COD	Water Supply	
Well Diameter	a "	inches millimaters	
	·		701
- 1-		below TOC	50. Y
installation rotal t	Depth (from log):		
YES	NO .	Comments / Needed Repairs	5
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
×			
		_	
	×		_
7			7
	×		-
	×		1
X			1
	×		7
72	-	Slip cap / Lockable exp. car	<u> </u>
X			7
	(2)	· · · · · · · · · · · · · · · · · · ·	7
	X		7
	X		1
x			1
X			7
March Street	KURTUK, TERRISONA		
A LESS YES	NO.	Comments / Needed Repairs	
			\dashv
		/_	-
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		/	-
-			-
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			\dashv
			-
TEND LVEORS TO	NO south	Common Tay / No. 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
The second ICS (Second	NO	Comments / Needed Repairs	
 			4
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×	_ ^		-
			4
1	~		
			
	×		_
×	×		-
X	×		- - -
	×		
	Type of Well: Monitoring Injection Well Diameter: Current Total Deplinstallation Total I	Completion (circle): Above-ground Type of Well: (circle) Monitoring Piezometer Injection COD Well Diameter: Current Total Depth: Installation Total Depth (from log): YES NO Type of Well: (circle) Monitoria Piezometer Injection COD Water Supply Well Diameter:	





Project Name: Ashand Alterman Date: 04/20	dit	Well ID:	mw-18B
Project No: Technician(s): Soit	28	Picture No:	
	_		
	Completion (circle):	Above-ground	Flusheto-ground
If no, is the well (possibly): Buried *Destroyed Abandoned	Type of Well:	(circle)	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes X No	Injection	COD	Water Supply
\sim		· 11	,
Well Riser Material: PVC Steel Stainless Steel Other:	Well Diameter:	2	inches millimeters
Depth To Product: below TOC	Current Total Dep	oth:	56.56 below TOC
Depth To GW/SWL: 11.79 below TOC	Installation Total	Depth (from log):	57.00
		, (, , , , , , , , , , , , , , , , , ,	5 1.00
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	*	9-24 - 101 July 27-14 SO 5	CHARLEST AND THE STREET
Does the well have a concrete well pad?	×	· · · · · · · · · · · · · · · · · · ·	
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent crosion)	*		
Has the pad sunk into or been pushed from near ground surface?	1	×	-
Does the well have a dedicated well head pump (for extraction)?		×	
Does the well casing allow for a cap seal?	7	· · · · · · ·	
Does the protective casing or well box have an external ID tab or label?		*	
Does the well have a slip cap or a lockable expansion cap? (circle one)	(+)	2 9	Slip cap / Lookable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		×	
Does the well casing or well box need to be extended to install sampling port plug?		*	
Can the water level be measured?	×		
Does well casing appear to be in good shape? If not, explain.	Ý		
Annual of the Committee		Sir a X a r a r a r a r a r	
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level)		The same	
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?	-		
Does the protective casing have a lid?	···		/
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?	-	/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?	1		
		THE RESERVE TO SERVE THE SERVE	
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box and ground surface?		earlies exciving	
Is the well box cover rim present or in good condition?	<u> </u>		
What is the diameter of the well box?			
Are the well box bolts present?	×		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X	8	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		Y	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		X	
Does the expandable cap prevent surface water from entering the well?	X		
Does the lid have an operational lock?	<u> </u>		
Does the well box have a pressure relief or venting device?	<u> </u>		
Observations:	•		





Project Name: Ashand Alternan Date: Olela	6/17	_ Well ID	mw-19 A
Project No: Technician(s): Soi	Kes	_ Picture No	:
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned Can well be located by: GPS Metal Detector Shovel Other:	Completion (circle): Type of Well: Menitoring	9	Flush Corround
Is well clearly identified? Yes No	Injection	COD	SVE/DPE Extraction Water Supply
Well Riser Material: Steel Stainless Steel Other:	Well Diameter:	5,	inches millimeters
Depth To GW/SWL: \\3 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Current Total De Installation Total		34.21 below TOC
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	\\X		
Does the well have a concrete well pad?	X		
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?		×	1
Is the pad on stable ground? (i.e., no adjacent erosion)	7	•	
Has the pad sunk into or been pushed from near ground surface?		×	
Does the well have a dedicated well head pump (for extraction)?		×	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?		X	
Does the well have a slip cap or a lockable expansion cap? (circle one)			Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		Onp cap / Lochable exp. cap
Does the expandible cap have a port hole? (a hole through the cap)	 ~		
Does the well have equipment installed (drop tube, pump, etc.)? (specify)			
Does the well casing or well box need to be extended to install sampling port plug?		X	
Can the water level be measured?	-	<u> </u>	
	 		
Does well casing appear to be in good shape? If not, explain.	<u> </u>		
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?	SOUR CHARLES	29 8582 F 18 MOS 60 588 60	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?		-	
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?	 		
Are the lid hinges in good condition?	 	339	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the weil?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
	10	/	
Are there steel bumper guards around the protective casing? If so, how many?	_/	Y	
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
Any evidence of impact to the steel bumper guards?		Mg552 W6500350037 85	9000 NO
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated flush, or below ground surface?			
Is the well box cover rim present or in good condition?	X.		
What is the diameter of the well box?			_
Are the well box bolts present?	* ×	***	
Can all bolts be tightened to well box?	X	*	
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	×	18	
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X .	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		×	
Does the expandable cap prevent surface water from entering the well?	X	-	
Does the lid have an operational lock?	5		
Does the well box have a pressure relief or venting device?	*		
Observations:			





Project Name: Ashland Alterman Date: Ola/al	Well ID	: mw-19B		
Project No: Technician(s):	oject No:Technician(s): SpikeS			
			~	
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flush	
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	(circle)		
Can we'll be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction	
Is well clearly identified? Yes No	Injection	COD	Water Supply	
Well Riser Material: Steel Stainless Steel Other:	\A/-II D:	24		
Depth To Product: below TOC	Well Diameter:	<u> </u>	_inches millimeters	
	Current Total Dep		below TOC	
Depth To GW/SWL:below TOC	Installation Total D	Depth (from log):	40	
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs	
Is top of well above known flood or surface water level?	X			
Does the well have a concrete well pad?	X			
Dimensions of the pad:		-		
Presence of cracks, voids, or defects in the pad?		X		
Is the pad on stable ground? (i.e., no adjacent erosion)	X			
Has the pad sunk into or been pushed from near ground surface?		×		
Does the well have a dedicated well head pump (for extraction)?		*		
Does the well casing allow for a cap seal?	×			
Does the protective casing or well box have an external ID tab or label?				
Does the well have a slip cap or a lockable expansion cap? (circle one)		3 4 3	Slip cap / Lockable exp. cap	
Does the well casing indicate only one visible reference measuring point?	X			
Does the expandible cap have a port hole? (a hole through the cap)				
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X		
Does the well casing or well box need to be extended to install sampling port plug?		X		
Can the water level be measured?	X			
Does well casing appear to be in good shape? If not, explain.	X			
Above-ground Wells	STADESMAN AND THE	100 m 1860 38751 N 10		
Is the stick-up of the well and protective casing an appropriate height?	YES	NO	Comments / Needed Repairs	
(At least 18 inches above ground level)			_	
Is the above-ground well cover a protective casing or stove pipe? What type of material?		-		
Does the protective cover have an operational lock between the lid and cover?				
Does the protective casing have a lid?		-		
Are the lid hinges in good condition?				
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?				
Does the above-ground protective cover appear rusted out, damaged, or bent?		/		
Are there steel bumper guards around the protective casing? If so, how many?		/		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/			
Any evidence of impact to the steel bumper guards?				
Flush-to-ground Wells	Vec Steel	D-Normalis Day		
is the well box slightly elevated flush, or below ground surface?	I YES	NOC	Comments / Needed Repairs	
Is the well box cover rim present or in good condition?				
What is the diameter of the well box?	I K			
Are the well box bolts present?	1			
Can all bolts be tightened to well box?	- 3	- Â		
is the rubber gasket present and in good condition?	1 3			
is the annular seal in good condition?	1 - 1			
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	 			
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?				
Does the expandable cap prevent surface water from entering the well?	+			
Does the lid have an operational lock?	+ 4			
Does the well box have a pressure relief or venting device?	+ >			
Observations:				
	\ ⁼¹			
wrong size lid,	no polts	>		
3 '				





Project Name: Ashland Alterman Date: Olalale	117	Well ID	: mw-19C		
Project No: Technician(s):	kes	Picture No			
			E		
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flusty to-ground		
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well:	(circle)	<u></u>		
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring)	Piezometer	SVE/DPE Extraction		
Is well clearly identified? Yes No	Injection	COD	Water Supply		
Well Riser Material: A Steel Stainless Steel Other:	18	2"	.,,		
B. #1 7 8	Well Diameter:	_ <u>d</u>	inches millimeters		
Depth To Product: below TOC	Current Total Dept	th:	SY.71 below TOC		
Depth To GW/SWL:	Installation Total D	epth (from log):	<u>8s'</u>		
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs		
Is top of well above known flood or surface water level?	X	95529000012 MARRINGS	Comments / Needed Repairs		
Does the well have a concrete well pad?	Ż				
Dimensions of the pad:					
Presence of cracks, voids, or defects in the pad?		~			
is the pad on stable ground? (i.e., no adjacent erosion)	7				
Has the pad sunk into or been pushed from near ground surface?			 		
Does the well have a dedicated well head pump (for extraction)?		- 			
Does the well casing allow for a cap seal?	 	/`			
Does the protective casing or well box have an external ID tab or label?					
Does the well have a slip cap or a lockable expansion cap? (circle one)	95		Slip cap / Lockable exp. cap		
Does the well casing indicate only one visible reference measuring point?	Y		Silp Cap / Lockable exp. cap		
Does the expandible cap have a port hole? (a hole through the cap)	 				
Does the weil have equipment installed (drop tube, pump, etc.)? (specify)		~			
Does the well casing or well box need to be extended to install sampling port plug?		- \} -	 		
Can the water level be measured?	 				
Does well casing appear to be in good shape? If not, explain.					
		CONTRACTOR CONTRACTOR	13239-2-0384913431		
Above-ground Wells	YES	NO	Comments / Needed Repairs		
Is the stick-up of the well and protective casing an appropriate height?					
(At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material?	-				
Does the protective cover have an operational lock between the lid and cover? Does the protective casing have a lid?					
	-				
Are the lid hinges in good condition?					
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?					
Does the above-ground protective cover appear rusted out, damaged, or bent?		/			
Are there steel bumper guards around the protective casing? If so, how many? Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?					
· · · · · · · · · · · · · · · · · · ·	_/				
Any evidence of impact to the steel bumper guards?					
Flush-to-ground Woll-	YES	NO	Comments / Needed Repairs		
Is the well box slightly elevated, flush, or below ground surface?	1				
Is the well box tower rim present or in good condition?	X				
What is the diameter of the well box?	(1) - (1)				
Are the well box bolts present?	×				
Can all bolts be tightened to well box?	X				
Is the rubber gasket present and in good condition?		Х			
Is the annular seal in good condition?	X				
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	, ,	X			
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?					
Does the expandable cap prevent surface water from entering the well?	X				
Does the lid have an operational lock?	<u> </u>				
Does the well box have a pressure relief or venting device?	<u> </u>				
Observations:	7				





Project Name: Ashland Alternan Date: 010/26	17	Well ID	: Mw-19D
Project No: Technician(s):	OC.	Picture No	
Can you locate the well? Yes No	Completion (circle)	—): Above-ground	Flush-6-ground
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Wel	l: (circle)	
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: Steel Stainless Steel Other:	Mall Dia	24	
D # 7 D 1	Well Diameter:		_inches millimeters
	Current Total De		\05.52 below TOC
Depth To GW/SWL: 15. a(below TOC	Installation Total	l Depth (from log):	105.5
Wellhead and Casing Information	YE\$	NO	Comments / Needed Repairs
is top of well above known flood or surface water level?	X		
Does the well have a concrete well pad?	X		
Dimensions of the pad:	2-0	-	
Presence of cracks, voids, or defects in the pad?		*	
Is the pad on stable ground? (i.e., no adjacent erosion)	1	 	
Has the pad sunk into or been pushed from near ground surface?		 	
Does the well have a dedicated well head pump (for extraction)?		- 5	
Does the well casing allow for a cap seal?	 		
Does the protective casing or well box have an external iD tab or label?			
Does the well have a slip cap or a lockable expansion cap? (circle one)	Segi		
Does the well casing indicate only one visible reference measuring point?	<u></u>		Slip cap / Lockable exp) cap
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)			
		<u> </u>	
Does the well casing or well box need to be extended to install sampling port plug?	<u> </u>	<u> </u>	
Can the water level be measured?	 _ }_		
Does well casing appear to be in good shape? If not, explain.	X		
Above-ground Wells	LONG VENUE AND	or entitle and the same	
Is the stick-up of the well and protective casing an appropriate height?	YES	NO	Comments / Needed Repairs
(At least 18 inches above ground level)			
Is the above-ground well cover a protective casing or stove pipe? What type of material?		 	
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?			
		_/	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		/	
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			
Any evidence of impact to the steel bumper guards?	Manager and an an	DELIVE HOMEONASSING CH	(380)(21)
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
Is the well box slightly elevated, Jush, or below ground surface?			
Is the well box cover rim present or in good condition?	<u> </u>		
What is the diameter of the well box?			
Are the well box bolts present?		×	
Can all bolts be tightened to well box?		X	
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting teaking into well)		X	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		X	
Does the expandable cap prevent surface water from entering the well?	V		
Does the lid have an operational lock?	× -		
Does the well box have a pressure relief or venting device?			
Observations:		1	
wrong size lid, n	o bolt	S	





Project Name: Ashland Alternan Date: Old St. Project No: Technician(s):	u7 es	Well ID Picture No	mw-20c
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned Can well be located by: GPS Metal Detector Shovel Other:	Completion (circle) Type of Wel		Flush-to-ground SVE/DPE Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply
Well Riser Material: VS Steel Stainless Steel Other:	Well Diameter:	2	inches millimeters
Depth To Product: below TOC	Current Total De	enth:	44.9.3 below TOC/
Depth To GW/SWL: 18.80 below TOC		Depth (from log):	45 Jelow 100/
Wellhead and Casing Information Is top of well above known flood or surface water icvel?	YES	NO 1	Comments / Needed Repairs
Does the well have a concrete well pad?	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		
	×		
Dimensions of the pad:			
Presence of cracks, voids, or defects in the pad?	ļ	×	
Is the pad on stable ground? (i.e., no adjacent erosion)	<u> </u>		
Has the pad sunk into or been pushed from near ground surface?		×	
Does the well have a dedicated well head pump (for extraction)?		X	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?	T	K	
Does the well have a slip cap or a lockable expansion cap? (circle one)	3.00	520	Slip cap / Lockable exp. cap
Does the well casing indicate only one visible reference measuring point?	X		- P - P - Sam
Does the expandible cap have a port hole? (a hole through the cap)			
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		Y	
Does the well casing or well box need to be extended to install sampling port plug?		- 2 -	
Can the water level be measured?	1		
Does well casing appear to be in good shape? If not, explain.	1		
Above-ground Wells Is the stick-up of the well and protective casing an appropriate height? (At least 18 inches above ground level) Is the above-ground well cover a protective casing or stove pipe? What type of material?	YES	NO	Comments / Needed Repairs
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?	 		
Are the lid hinges in good condition?			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		_/	
Does the above-ground protective cover appear rusted out, damaged, or bent?		/	
Are there steel bumper guards around the protective casing? If so, how many?			
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/		
	/		
Any evidence of impact to the steel bumper guards?	VII. 1992 VIII.		
Flush-to-ground Wells	YES	NO NO	Comments / Needed Repairs
Is the well bux slightly elevate flush, or below ground surface?			
Is the well box co er nimpresent or in good condition?	<i>></i>		
What is the diameter of the well box?			
Are the well box bolts present?		X	one missing
Can all boits be tightened to well box?	7	×	enebolt
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)		X,	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		7	
Does the expandable cap prevent surface water from entering the well?	X.		
Does the lid have an operational lock?	X		
Does the well box have a pressure relief or venting device?	X		
Observations:		·	



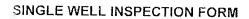


Project Name: #shland Alternan Date: Okla	26	Weli II	: mw-21	R
Project No: Technician(s):	sikes	Picture No	o: =	<u> </u>
<u> </u>		-		
Can you locate the well? Yes No	Completion (circle)	: Above-g	Fluan-to-ground	
If no, is the well (possibly): Buried Destroyed Abandoned	Type of Well	: (circle)		
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE	Extraction
Is well clearly identified? Yes No	Injection	COD	Water Supply	
	•	$\sim \mathcal{H}$	visito. Cuppiy	
Well Riser Material: RVC Steel Stainless Steel Other:	Well Diameter:	a."	inches millimeter	•
Depth To Product: below TOC	Current Total De	enth:	- 1., 77	s elow TOC
Depth To GW/SWL: 3.53 below TOC		Depth (from log):	77.1	elow 100
	motanation rotal	Depth (nonning).	15	
Wellhead and Casing Information	YES	NO	Comments / Need	ed Repairs
Is top of well above known flood or surface water level?	X	A TOTAL PROPERTY OF THE PARTY OF	00 84 18 10 Port 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	м
Does the well have a concrete well pad?	X		 	
Dimensions of the pad:	·		† <u> </u>	
Presence of cracks, voids, or defects in the pad?		X	 	
Is the pad on stable ground? (i.e., no adjacent erosion)	X			
Has the pad sunk into or been pushed from near ground surface?		X	<u> </u>	
Does the well have a dedicated well head pump (for extraction)?		 	 	
Does the well casing allow for a cap seal?	×		 	
Does the protective casing or well box have an external ID tab or label?	- 	X	27.60	
Does the well have a slip cap or a lockable expansion cap? (circle one)	32-	12	Slip cap / Lockable	Poln car
Does the well casing indicate only one visible reference measuring point?	X		Sup dup / Eduration	b.p. cap
Does the expandible cap have a port hole? (a hole through the cap)				
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		X		
Does the well casing or well box need to be extended to install sampling port plug?		X		
Can the water level be measured?	X	/-	 	
Does well casing appear to be in good shape? If not, explain.	X			
Abòve-ground Wells	Medical Colonial olonial Colonial Colonial Colon	D 11500 MIL		113W268Hr
Is the stick-up of the well and protective casing an appropriate height?	YES	NO	Comments / Neede	d Repairs
(At least 18 inches above ground level)				
Is the above-ground well cover a protective casing or stove pipe? What type of material?				
Does the protective cover have an operational lock between the lid and cover?	_		/	
Does the protective casing have a lid?			/	
Are the lid hinges in good condition?				
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?				
Does the above-ground protective cover appear rusted out, damaged, or bent?		_/		
Are there steel bumper guards around the protective casing? If so, how many?		/		
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?				
Any evidence of impact to the steel bumper guards?	/			
The state of the s	St. vo. Transca			
Flush-to-ground Wells Is the well box slightly elevated, flush, or below ground surface?	YES	NO	Comments / Neede	d Repairs
Is the well box slightly elevand, itissif, or below ground surface?				
				
What is the diameter of the well box? Are the well box bolts present?		=		<u> </u>
Can all bolts be tightened to well box?	 			···-
Is the rubber gasket present and in good condition?	+ ~			
Is the annular seal in good condition?	+ -	X		
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	 			
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?			ļ	
· · · · · · · · · · · · · · · · · · ·	+ -			
Does the lid have an operational lock?	+ ×			
Does the lid have an operational lock?	+ **			
Does the well box have a pressure relief or venting device?	X			
Observations:	ľ			
	N. C.			





Project Name: Ashland Alternan Date: 06/2 Project No: Technician(s):	6/17	Well ID	mw-21C
reclifican(s).	KED_	Picture No	<u> </u>
Can you locate the well? If no, is the well (possibly): Buried Destroyed Abandoned	Completion (circle): Type of Well:	· ·	Flush to-ground
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DDE Extraction
Is well clearly identified? Yes No			SVE/DPE Extraction
to work deathy identified.	Injection	COD	Water Supply
Well Riser Material: PVO Steel Stainless Steel Other:	Well Diameter:	211	inches millimeters
Depth To Product: below TOC	Current Total De	pth:	14.17 below TOC
Depth To GW/SWL: below TOC	Installation Total	Depth (from log):	75
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs
Is top of well above known flood or surface water level?	*		
Does the well have a concrete well pad?	*		
Dimensions of the pad:	-		
Presence of cracks, voids, or defects in the pad?		X	
Is the pad on stable ground? (i.e., no adjacent erosion)	<u> </u>		
Has the pad sunk into or been pushed from near ground surface?		7.	
Does the well have a dedicated well head pump (for extraction)?		*	
Does the well casing allow for a cap seal?	X		
Does the protective casing or well box have an external ID tab or label?	† ·	χ.	
Does the well have a slip cap or a lockable expansion cap? (circle one)		1/29	Slip cap / Lock ble exp. cap
Does the well casing indicate only one visible reference measuring point?	X		
Does the expandible cap have a port hole? (a hole through the cap)	1		
Does the well have equipment installed (drop tube, pump, etc.)? (specify)	-	~	
Does the well casing or well box need to be extended to install sampling port plug?		\Q -	
Can the water level be measured?	~	~	
Does well casing appear to be in good shape? If not, explain.	-5-	<u> </u>	
book was easing appear to so in good shape: 11 not, explain.		CONTRACTOR (1997)	<u> </u>
Above-ground Wells	YES	NO	Comments / Needed Repairs
Is the stick-up of the well and protective casing an appropriate height?	5 2 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hadden Triber	
(At least 18 inches above ground level)	L		
Is the above-ground well cover a protective casing or stove pipe? What type of material?			
Does the protective cover have an operational lock between the lid and cover?			
Does the protective casing have a lid?			
Are the lid hinges in good condition?		/	
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?			
Does the above-ground protective cover appear rusted out, damaged, or bent?			
Are there steel bumper guards around the protective casing? If so, how many?		-	
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?			-
Any evidence of impact to the steel bumper guards?			
		12134 34 34	
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs
is the well box slightly elevated flush, or below ground surface?	092111111111111111111111111111111111111		
Is the well box cover rim present or in good condition?	X		
What is the diameter of the well box?			
Are the well box bolts present?	X		
Can all bolts be tightened to well box?	X		
Is the rubber gasket present and in good condition?		X	
Is the annular seal in good condition?	×		·
Does the well box contain water? (if so, note whether level is at TOC, suggesting loaking into well)		Y	
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?		Ž	
Does the expandable cap prevent surface water from entering the weil?	×	1	
Does the lid have an operational lock?	<u> </u>		
Does the well box have a pressure relief or venting device?	4		
Observations:	·		





Project Name: Ashland Alternary Date: 04/2					
Project No: Technician(s):	Picture No				
		-	W		
Can you locate the well? Yes No	Completion (circle):	Above-ground	Flush-to-ground		
If no, is the well (possibly): Buried ⁷ Destroyed Abandoned	Type of Well:	(circle)			
Can well be located by: GPS Metal Detector Shovel Other:	Monitoring	Piezometer	SVE/DPE Extraction		
Is well clearly identified? Yes X No	Injection	COD	Water Supply		
	•	- 11	очень,		
Well Riser Material: RVC Steel Stainless Steel Other:	Well Diameter:	3 .	inches millimeters		
Depth To Product: below TOC	Current Total Der	oth:	43.52 below TOC		
Depth To GW/SWL: 35.76 below TOC	Installation Total		113 Sp		
	motanation rotal	Depth (n on lo g).	45.50		
Wellhead and Casing Information	YES	NO	Comments / Needed Repairs		
Is top of weil above known flood or surface water level?	X	SECURE, SECURE	The state of the party		
Does the well have a concrete well pad?	- 				
Dimensions of the pad:		200			
Presence of cracks, voids, or defects in the pad?		X			
Is the pad on stable ground? (i.e., no adjacent erosion)					
Has the pad sunk into or been pushed from near ground surface?	 				
Does the well have a dedicated well head pump (for extraction)?					
Does the well casing allow for a cap seal?					
Does the protective casing or well box have an external iD tab or label?		Y			
Does the well have a slip cap or a lockable expansion cap? (circle one)	25		Slip cap / Lockable exp. cap		
Does the well casing indicate only one visible reference measuring point?	-		Slip cap / Lour the exp. cap		
Does the expandible cap have a port hole? (a hole through the cap)	 				
Does the well have equipment installed (drop tube, pump, etc.)? (specify)		×	+11		
Does the well casing or well box need to be extended to install sampling port plug?		X			
Can the water level be measured?	 				
Does well casing appear to be in good shape? If not, explain.	+ 7/				
		- TANASA DAN UTANA			
Above-ground Wells	YÉS	NO.	Comments / Needed Repairs		
Is the stick-up of the well and protective casing an appropriate height?					
(At least 18 inches above ground level)					
Is the above-ground well cover a protective casing or stove pipe? What type of material?					
Does the protective cover have an operational lock between the lid and cover?			/		
Does the protective casing have a lid?			ee-		
Are the lid hinges in good condition?		_/			
Is there fill (e.g., gravel, sand, concrete) between the protective casing and the well?		/			
Does the above-ground protective cover appear rusted out, damaged, or bent?	/				
Are there steel bumper guards around the protective casing? If so, how many?	_/				
Are steel bumper guards highly visible (yellow/orange paint with reflective markings)?	/				
Any evidence of impact to the steel bumper guards?	/				
Flush-to-ground Wells	YES	NO	Comments / Needed Repairs		
Is the well box signify elevated flush, or below ground surface?		PACHO SHI HOLDING			
Is the well box cover rim present or in good condition?	V				
What is the diameter of the well box?		_			
Are the well box bolts present?	×				
Can all bolts be tightened to well box?	2				
Is the rubber gasket present and in good condition?		¥			
Is the annular seal in good condition?	X	/			
Does the well box contain water? (if so, note whether level is at TOC, suggesting leaking into well)	— ^ —	×	- 31		
Does the well box contain sediments (e.g., dirt, twigs) that would have entered from the surface?	1				
Does the expandable cap prevent surface water from entering the well?					
Does the lid have an operational lock?	- ×				
Does the well box have a pressure relief or venting device?	- - - - - - - - - -				
Observations:	_'_		<u> </u>		
					



LOW FLOW GROUNDWATER SAMPLING FORM

Project Nul Time (Initia Initial Wate	mber: il): er Level: \	H=	Alter	man	 _ft		Sample Da Field Tech Inner Casi	ification: wate: Out of the control	27/1= 2/Ke ² n): 2'	8 (Smith	
Water Colu		19.3			_ ft _ ft		Pump and Depth to Pi	Tubing Type: ump Intake: _	QED 2	J,	from T	rge, Teflor
Time	Flow Rate	Water Level ft	Temp.	pH S.U.	Conductivity W_S/cm	Turbidity	DO	ORP	Ode	or	Color	Comments,
1007	100		30.19	7.0	0.182	NTU	mg/l.	mV				Volume removed
1013	100	12.38	25.70	572		24 50.1	3.30	140.9	No	ne	Clear	
1015	(00)	12.38	25.45	5,75	0.118	50.9	2.17		1			
1018	100	12.38	25,24	5.83	0.114		2.09		_			
1020	/eo	12.38			0 114		197	145.0				
1020	100	12.38	35.18	5.86	0 114	499						<u> </u>

Note: Contact EHS Support Project Manager for guidance if well does not stabilize within 60 minutes of purging.

Comments:

Start Purge Time:	1000		74
End Purge Time:	1027		
Final Water Level:	12.38	Ø ft	Well Burgod Days Diver W.
Total Volume Purged	0.5	gal	Well Purged Dry? Yes 💢 N

5.89

SAMPLE ID MW-16A-LF	TIME 1025	ANALYSIS VOCS - 8260	NOTES

Formula for Calculating Well Casing Volume

$$[A] = \frac{\pi D^{2} L}{4} * 7.48 \frac{gal}{R^{3}}$$

D = Well casing inner diameter (converted to feet) L = Height of water column (ft)

Parameter	Stabilization Criteria Quick Reference*
Temperature	± 3% of reading (minimum of ± 0.2 C)
Нq	+/- 0 1
Specific Conductance	+/- 3%
ORP	+/- 10 millivolts
Dissolved Oxygen	+/- 0.3 milligrams per liter
Turbidity	Not a stabilization criteria; however, prefer turbidity under 100 NTUs

 USEPA, 1996 (Puls and Barceiona) Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures. For reference only - please refer to the Performance Monitoring Plan requirement.

Signature

EHS Support Field Form 023 Issue Date: June 25, 2015 Revision No. 00 Revision Date:



LOW FLOW GROUNDWATER SAMPLING FORM

Project Na	me: AS	Mand	Alte	man			Mall Idanti		. \15	5	
	mber:				_			fication: Mi			
	(): \0				-		Sample Da	ite:O(e)	71111	<u> </u>	11.79
	r Level: \				- ft		rieid Techr	nician(s)	Sres	DWI	1 0
	Depth: L				- "			ng Diameter (i			
	7.171				- it		Pump and	Tubing Type:	DED		
·	ā.	E1			. "		Depth to Pt	ump Intake: _	37 6	6/04/0C	ft
Time	Flow Rate	Water Level	Temp.	Нq	Conductivity	Turbidity	DO	ORP	Odor	Color	Comments,
	% Umin	ft	°C/°F	S.U.	M_S/cm	NTU	mg/L	mV			Volume removed
1106	100	12.38		61.0		19.7	3.99	16.2	None	Clean	
1109	100	19:38	27.36	6.18	0.159	34.2	3,41	78.7	1	1	\$10
1(1)	100	12.38	37.27	4.16	0.158	34.1	3.33	74.9			
11.17	001	12.38	37.28	le.15	0.157	29.0	3.20	74.6	7	V	
						9					
	·										
					-						*
	5645		<u> </u>								·
2.5								77			
		54.1			V2.1						
		7.1									
		190						_			
				-							
		lote: Contac	t EHS Supp	ort Project N	lanager for guid	dance if well	does not sta	abilize within 6	0 minutes o	f purging.	0
Comments:_			- 11								
		423			9,1						
Start Purge	Time: \	240			-						
End Purge T			0								
Final Water I								_	\L		
			gal			,	Well Purged	Dry? Yes	s No		
rotal Volume	or urgeu	<u> </u>	200	·	gai						
	SAMPLE ID		TIME		ANALY	SIS				IOTEC	
mw-16	B-LF		1120	J	065-8					IOTES	
									· · · · · · · · · · · · · · · · · · ·		
						-					- 2

Parameter

Formula for Calculating Well Casing Volume
$[A] = \frac{\pi D^2 L}{4} \times 7.48 \frac{\text{gal}}{\text{ft}^3}$
D = Well casing inner diameter (converted to feet) L = Height of water column (ft)

Temperature	± 3% of reading (minimum of ± 0.2 C)
рH	+/- 0.1
Specific Conductance	+/- 3%
ORP	+/- 10 millivolts
Dissolved Oxygen	+/- 0.3 milligrams per liter
Turbidity	Not a stabilization criteria; however, prefer turbidity under 100 NTUs

Stabilization Criteria Quick Reference*

Signature:	K Sz	

EHS Support Field Form 023 Issue Date: June 25, 2015 Revision No. 00 Revision Date:

USEPA, 1996 (Puls and Barcelona) Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures. For reference only - please refer to the Performance Monitoring Plan requirements.



APPENDIX B

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Tel: (912)354-7858

TestAmerica Job ID: 680-146532-1

Client Project/Site: Ashland Alterman (Jonesboro)

For:

EHS Support, LLC 4694 Cemetary Rd, PMB 104 Hilliard, Ohio 43026

Attn: Ms. Michelle Stayrook

Authorized for release by:

12/19/2017 3:04:58 PM Sheila Hoffman, Project Manager II

(912)354-7858 e.3004

sheila.hoffman@testamericainc.com

Designee for

Jerry Lanier, Project Manager I (912)354-7858 e.3410

jerry.lanier@testamericainc.com

.....LINKS

Review your project results through

Total Access

Have a Question?



Visit us at: www.testamericainc.com

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: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Job ID: 680-146532-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: EHS Support, LLC

Project: Ashland Alterman (Jonesboro)

Report Number: 680-146532-1

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 the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 12/08/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-16C (680-146532-1), MW-19B (680-146532-2), MW-19C (680-146532-3), MW-19D (680-146532-4), MW-20C (680-146532-5), SS-1 (680-146532-6), SS-2 (680-146532-7), SS-3 (680-146532-8), Dup-1 (680-146532-9), Trip Blank (680-146532-10) and OF-2 (680-146532-11) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 12/12/2017 and 12/14/2017.

Samples MW-16C (680-146532-1)[10X], MW-16C (680-146532-1)[5X], MW-19C (680-146532-3)[5X], MW-19D (680-146532-4)[5X] and MW-20C (680-146532-5)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Sample Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-146532-1	MW-16C	Water	12/05/17 15:20	12/08/17 07:25
680-146532-2	MW-19B	Water	12/05/17 13:30	12/08/17 07:25
680-146532-3	MW-19C	Water	12/05/17 13:15	12/08/17 07:25
680-146532-4	MW-19D	Water	12/05/17 14:10	12/08/17 07:25
680-146532-5	MW-20C	Water	12/05/17 15:35	12/08/17 07:25
680-146532-6	SS-1	Water	12/05/17 16:40	12/08/17 07:25
680-146532-7	SS-2	Water	12/07/17 08:45	12/08/17 07:25
680-146532-8	SS-3	Water	12/05/17 16:15	12/08/17 07:25
680-146532-9	Dup-1	Water	12/05/17 13:35	12/08/17 07:25
680-146532-10	Trip Blank	Water	12/05/17 00:00	12/08/17 07:25
680-146532-11	OF-2	Water	12/05/17 16:35	12/08/17 07:25

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Method Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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Definitions/Glossary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Toxicity Equivalent Quotient (Dioxin)

TestAmerica Job ID: 680-146532-1

Glossary

TEQ

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

TestAmerica Savannah

12/19/2017

Lab Sam	ple ID:	680-146	5532-1

Lab Sample ID: 680-146532-5

Lab Sample ID: 680-146532-6

Lab Sample ID: 680-146532-7

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	200	5.0	ug/L		8260B	Total/NA
Trichloroethene	100	5.0	ug/L	5	8260B	Total/NA
Tetrachloroethene - DL	780	10	ug/L	10	8260B	Total/NA

Client Sample ID: MW-19B Lab Sample ID: 680-146532-2

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	39	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	130	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	17	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: MW-19C Lab Sample ID: 680-146532-3

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Acetone	16	10	ug/L		8260B	Total/NA
cis-1,2-Dichloroethene	70	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	39	1.0	ug/L	1	8260B	Total/NA
Tetrachloroethene - DL	380	5.0	ug/L	5	8260B	Total/NA

Lab Sample ID: 680-146532-4 Client Sample ID: MW-19D

Analyte	Result	Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	61		1.0	ug/L		8260B	Total/NA
Trichloroethene	28		1.0	ug/L	1	8260B	Total/NA
Tetrachloroethene - DL	290		5.0	ug/L	5	8260B	Total/NA

Client Sample ID: MW-20C

Client: EHS Support, LLC

Client Sample ID: MW-16C

Project/Site: Ashland Alterman (Jonesboro)

Analyte	Result Qua	lifier RL	MDL Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	26	1.0	ug/L	1	_	8260B	Total/NA
Trichloroethene	23	1.0	ug/L	. 1		8260B	Total/NA
Tetrachloroethene - DL	170	2.0	ug/L	. 2		8260B	Total/NA

Client Sample ID: SS-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac) Method	Prep Type
cis-1,2-Dichloroethene	4.7	1.0	ug/L		8260B	Total/NA
1,2-Dichloroethane	2.2	1.0	ug/L	1	8260B	Total/NA
Tetrachloroethene	51	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	4.4	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: SS-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	67		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3.8		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: SS-3

Lab Sample ID: 680-146532-8

This Detection Summary does not include radiochemical test results.

TestAmerica Savannah

Detection Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Client Sample ID: SS-3 (Continued) Lab Sample ID: 680-146532-8

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	2.7	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	36	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	2.7	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: Dup-1 Lab Sample ID: 680-146532-9

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	37	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	120	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	15	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: Trip Blank Lab Sample ID: 680-146532-10

No Detections.

Client Sample ID: OF-2 Lab Sample ID: 680-146532-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.4		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	60		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	9.0		1.0		ug/L	1		8260B	Total/NA

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Lab Sample ID: 680-146532-1

Matrix: Water

Client Sample ID: MW-16C Date Collected: 12/05/17 15:20 Date Received: 12/08/17 07:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<50		50		ug/L			12/12/17 13:35	
Benzene	<5.0		5.0		ug/L			12/12/17 13:35	Ę
Bromoform	<5.0		5.0		ug/L			12/12/17 13:35	Ę
Bromomethane	<25		25		ug/L			12/12/17 13:35	
2-Butanone (MEK)	<50		50		ug/L			12/12/17 13:35	Ę
Carbon disulfide	<10		10		ug/L			12/12/17 13:35	5
Carbon tetrachloride	<5.0		5.0		ug/L			12/12/17 13:35	
Chlorobenzene	<5.0		5.0		ug/L			12/12/17 13:35	
Chlorodibromomethane	<5.0		5.0		ug/L			12/12/17 13:35	
Chloroethane	<25		25		ug/L			12/12/17 13:35	
Chloroform	<5.0		5.0		ug/L			12/12/17 13:35	Ę
Chloromethane	<5.0		5.0		ug/L			12/12/17 13:35	Ę
cis-1,2-Dichloroethene	200		5.0		ug/L			12/12/17 13:35	
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			12/12/17 13:35	5
Dichlorobromomethane	<5.0		5.0		ug/L			12/12/17 13:35	5
1,1-Dichloroethane	<5.0		5.0		ug/L			12/12/17 13:35	
1,2-Dichloroethane	<5.0		5.0		ug/L			12/12/17 13:35	
1,1-Dichloroethene	<5.0		5.0		ug/L			12/12/17 13:35	į
1,2-Dichloropropane	<5.0		5.0		ug/L			12/12/17 13:35	
Ethylbenzene	<5.0		5.0		ug/L			12/12/17 13:35	5
2-Hexanone	<50		50		ug/L			12/12/17 13:35	5
Methylene Chloride	<25		25		ug/L			12/12/17 13:35	
4-Methyl-2-pentanone (MIBK)	<50		50		ug/L			12/12/17 13:35	
Styrene	<5.0		5.0		ug/L			12/12/17 13:35	
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			12/12/17 13:35	
Toluene	<5.0		5.0		ug/L			12/12/17 13:35	Ę
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			12/12/17 13:35	Ę
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			12/12/17 13:35	
1,1,1-Trichloroethane	<5.0		5.0		ug/L			12/12/17 13:35	5
1,1,2-Trichloroethane	<5.0		5.0		ug/L			12/12/17 13:35	Ę
Trichloroethene	100		5.0		ug/L			12/12/17 13:35	
Vinyl chloride	<5.0		5.0		ug/L			12/12/17 13:35	Ę
Xylenes, Total	<5.0		5.0		ug/L			12/12/17 13:35	į
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Toluene-d8 (Surr)	102		80 - 120			_		12/12/17 13:35	
1,2-Dichloroethane-d4 (Surr)	108		73 - 131					12/12/17 13:35	
Dibromofluoromethane (Surr)	116		80 - 122					12/12/17 13:35	
4-Bromofluorobenzene (Surr)	98		80 - 120					12/12/17 13:35	

Method: 8260B - Volatile Orga	nic Compounds	(GC/MS) - D	L						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	780		10		ug/L			12/14/17 15:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					12/14/17 15:50	10
1,2-Dichloroethane-d4 (Surr)	90		73 - 131					12/14/17 15:50	10
Dibromofluoromethane (Surr)	97		80 - 122					12/14/17 15:50	10
4-Bromofluorobenzene (Surr)	99		80 - 120					12/14/17 15:50	10

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Client Sample ID: MW-19B Date Collected: 12/05/17 13:30

Date Received: 12/08/17 07:25

Method: 8260B - Volatile Organic Compounds (GC/MS) Result Qualifier RL **MDL** Unit D Dil Fac Analyte Prepared Analyzed Acetone <10 10 12/12/17 13:57 ug/L ug/L 12/12/17 13:57 Benzene <1.0 1.0 Bromoform <1.0 1.0 ug/L 12/12/17 13:57 Bromomethane < 5.0 5.0 ug/L 12/12/17 13:57 2-Butanone (MEK) <10 10 ug/L 12/12/17 13:57 ug/L Carbon disulfide <2.0 20 12/12/17 13:57 Carbon tetrachloride <1.0 1.0 ug/L 12/12/17 13:57 ug/L Chlorobenzene <1.0 1.0 12/12/17 13:57 Chlorodibromomethane <1.0 1.0 ug/L 12/12/17 13:57 Chloroethane <5.0 5.0 ug/L 12/12/17 13:57 Chloroform <1.0 1.0 ug/L 12/12/17 13:57 Chloromethane <1.0 1.0 ug/L 12/12/17 13:57 cis-1,2-Dichloroethene 39 10 ug/L 12/12/17 13:57 cis-1,3-Dichloropropene <1.0 1.0 ug/L 12/12/17 13:57 <1.0 ug/L Dichlorobromomethane 10 12/12/17 13:57 1,1-Dichloroethane <1.0 1.0 ug/L 12/12/17 13:57 1.2-Dichloroethane <1.0 1.0 ug/L 12/12/17 13:57 1,1-Dichloroethene <1.0 1.0 ug/L 12/12/17 13:57 1.2-Dichloropropane 1.0 ug/L 12/12/17 13:57 <1.0 Ethylbenzene <1.0 1.0 ug/L 12/12/17 13:57 2-Hexanone <10 10 ug/L 12/12/17 13:57 5.0 Methylene Chloride <5.0 ug/L 12/12/17 13:57 4-Methyl-2-pentanone (MIBK) <10 10 ug/L 12/12/17 13:57 Styrene <1.0 1.0 ug/L 12/12/17 13:57 1,1,2,2-Tetrachloroethane <1.0 1.0 ug/L 12/12/17 13:57 ug/L 1.0 12/12/17 13:57 Tetrachloroethene 130 1.0 ug/L 12/12/17 13:57 Toluene <1.0 trans-1.2-Dichloroethene <1.0 1.0 ug/L 12/12/17 13:57 trans-1,3-Dichloropropene <1.0 1.0 ug/L 12/12/17 13:57 1.0 ug/L 1,1,1-Trichloroethane <1.0 12/12/17 13:57 1,1,2-Trichloroethane <1.0 1.0 ug/L 12/12/17 13:57 **Trichloroethene** 1.0 ug/L 12/12/17 13:57 17 Vinyl chloride <1.0 1.0 ug/L 12/12/17 13:57 Xylenes, Total <1.0 1.0 ug/L 12/12/17 13:57 Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed 80 - 120 12/12/17 13:57 Toluene-d8 (Surr) 99 1,2-Dichloroethane-d4 (Surr) 93 73 - 131 12/12/17 13:57 Dibromofluoromethane (Surr) 106 80 - 122 12/12/17 13:57

Client Sample ID: MW-19C

Date Collected: 12/05/17 13:15

Date Received: 12/08/17 07:25

4-Bromofluorobenzene (Surr)

Lab Sample II	D: 680-146532-3
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12/12/17 13:57

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Acetone	16		10		ug/L			12/12/17 14:19	1
	Benzene	<1.0		1.0		ug/L			12/12/17 14:19	1
	Bromoform	<1.0		1.0		ug/L			12/12/17 14:19	1

80 - 120

99

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-146532-3

TestAmerica Job ID: 680-146532-1

Matrix: Water

Client Sample ID: MW-19C

Date Collected: 12/05/17 13:15 Date Received: 12/08/17 07:25

4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued) Analyte Result Qualifier RL **MDL** Unit D Dil Fac Prepared Analyzed Bromomethane <5.0 5.0 12/12/17 14:19 ug/L ug/L 2-Butanone (MEK) <10 10 12/12/17 14:19 Carbon disulfide <2.0 2.0 ug/L 12/12/17 14:19 Carbon tetrachloride <1.0 1.0 ug/L 12/12/17 14:19 Chlorobenzene <1.0 1.0 ug/L 12/12/17 14:19 ug/L Chlorodibromomethane <1.0 10 12/12/17 14:19 Chloroethane <5.0 5.0 ug/L 12/12/17 14:19 ug/L Chloroform <1.0 1.0 12/12/17 14:19 Chloromethane <1.0 1.0 ug/L 12/12/17 14:19 cis-1,2-Dichloroethene 70 1.0 ug/L 12/12/17 14:19 cis-1,3-Dichloropropene <1.0 1.0 ug/L 12/12/17 14:19 Dichlorobromomethane <1.0 1.0 ug/L 12/12/17 14:19 <1.0 1,1-Dichloroethane 1.0 ug/L 12/12/17 14:19 1,2-Dichloroethane 1.0 ug/L 12/12/17 14:19 1,1-Dichloroethene ug/L <1.0 10 12/12/17 14:19 1,2-Dichloropropane <1.0 1.0 ug/L 12/12/17 14:19 Ethylbenzene <1.0 1.0 ug/L 12/12/17 14:19 2-Hexanone <10 10 ug/L 12/12/17 14:19 Methylene Chloride 5.0 ug/L 12/12/17 14:19 <5.0 4-Methyl-2-pentanone (MIBK) <10 10 ug/L 12/12/17 14:19 Styrene <1.0 1.0 ug/L 12/12/17 14:19 1,1,2,2-Tetrachloroethane <1.0 1.0 ug/L 12/12/17 14:19 Toluene <1.0 1.0 ug/L 12/12/17 14:19 trans-1,2-Dichloroethene <1.0 1.0 ug/L 12/12/17 14:19 trans-1,3-Dichloropropene <1.0 1.0 ug/L 12/12/17 14:19 1,1,1-Trichloroethane <1.0 1.0 ug/L 12/12/17 14:19 1,1,2-Trichloroethane <1.0 1.0 ug/L 12/12/17 14:19 1.0 ug/L 12/12/17 14:19 **Trichloroethene** 39 Vinyl chloride <1.0 1.0 ug/L 12/12/17 14:19 1.0 ug/L 12/12/17 14:19 Xylenes, Total <1.0 Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed Toluene-d8 (Surr) 98 80 - 120 12/12/17 14:19 92 73 - 131 1,2-Dichloroethane-d4 (Surr) 12/12/17 14:19 Dibromofluoromethane (Surr) 101 80 - 122 12/12/17 14:19

Method: 8260B - Volatile Orga	anic Compounds	(GC/MS) - D)L						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	380		5.0		ug/L			12/14/17 16:14	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					12/14/17 16:14	5
1,2-Dichloroethane-d4 (Surr)	95		73 - 131					12/14/17 16:14	5
Dibromofluoromethane (Surr)	99		80 - 122					12/14/17 16:14	5
4-Bromofluorobenzene (Surr)	98		80 - 120					12/14/17 16:14	5

80 - 120

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12/12/17 14:19

Client: EHS Support, LLC

4-Bromofluorobenzene (Surr)

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Lab Sample ID: 680-146532-4

Matrix: Water

Client Sample ID: MW-19D Date Collected: 12/05/17 14:10 Date Received: 12/08/17 07:25

<10 <1.0 <1.0 <1.0 <5.0 <10 <2.0 <1.0 <1.0 <1.0 <1.0 <5.0 <1.0 <5.0 <1.0 <5.0 <1.0	10 1.0 1.0 5.0 10 2.0 1.0 1.0 5.0	1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L			12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41	1 1 1
<1.0 <5.0 <10 <2.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	1.0 5.0 10 2.0 1.0 1.0 5.0	1	ug/L ug/L ug/L ug/L ug/L ug/L			12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41	1
<5.0 <10 <2.0 <1.0 <1.0 <1.0 <5.0 <1.0	5.0 10 2.0 1.0 1.0 1.0		ug/L ug/L ug/L ug/L ug/L			12/12/17 14:41 12/12/17 14:41 12/12/17 14:41 12/12/17 14:41	1
<10 <2.0 <1.0 <1.0 <1.0 <5.0 <1.0	10 2.0 1.0 1.0 1.0 5.0	 	ug/L ug/L ug/L ug/L			12/12/17 14:41 12/12/17 14:41 12/12/17 14:41	1
<2.0 <1.0 <1.0 <1.0 <5.0 <1.0	2.0 1.0 1.0 1.0 5.0	 	ug/L ug/L ug/L			12/12/17 14:41 12/12/17 14:41	1 1 1
<1.0 <1.0 <1.0 <5.0 <1.0	1.0 1.0 1.0 5.0		ug/L ug/L			12/12/17 14:41	1
<1.0 <1.0 <5.0 <1.0	1.0 1.0 5.0		ug/L				1
<1.0 <5.0 <1.0	1.0 5.0		•			10/10/17 14:44	
<5.0 <1.0	5.0		ua/l			12/12/17 14:41	1
<1.0			ug/L			12/12/17 14:41	1
			ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
	1.0		ug/L			12/12/17 14:41	1
61	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<10	10		ug/L			12/12/17 14:41	1
<5.0	5.0		ug/L			12/12/17 14:41	1
<10	10		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0	ı	ug/L			12/12/17 14:41	1
28	1.0		ug/L			12/12/17 14:41	1
<1.0	1.0	ı	ug/L			12/12/17 14:41	1
<1.0	1.0	ı	ug/L			12/12/17 14:41	1
%Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac
98	80 - 120			_		12/12/17 14:41	1
90	73 - 131					12/12/17 14:41	1
_	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0	<1.0	<1.0	<1.0	1.0	1.0 1.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	290		5.0		ug/L			12/14/17 16:39	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120					12/14/17 16:39	5
1,2-Dichloroethane-d4 (Surr)	91		73 - 131					12/14/17 16:39	5
Dibromofluoromethane (Surr)	96		80 - 122					12/14/17 16:39	5
	101		80 - 120					12/14/17 16:39	

80 - 120

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12/12/17 14:41

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Lab Sample ID: 680-146532-5

Matrix: Water

Client Sample ID: MW-20C Date Collected: 12/05/17 15:35 Date Received: 12/08/17 07:25

Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Acetone	<10	10	ug/L		12/12/17 15:03	1
Benzene	<1.0	1.0	ug/L		12/12/17 15:03	1
Bromoform	<1.0	1.0	ug/L		12/12/17 15:03	1
Bromomethane	<5.0	5.0	ug/L		12/12/17 15:03	1
2-Butanone (MEK)	<10	10	ug/L		12/12/17 15:03	1
Carbon disulfide	<2.0	2.0	ug/L		12/12/17 15:03	1
Carbon tetrachloride	<1.0	1.0	ug/L		12/12/17 15:03	1
Chlorobenzene	<1.0	1.0	ug/L		12/12/17 15:03	1
Chlorodibromomethane	<1.0	1.0	ug/L		12/12/17 15:03	1
Chloroethane	<5.0	5.0	ug/L		12/12/17 15:03	1
Chloroform	<1.0	1.0	ug/L		12/12/17 15:03	1
Chloromethane	<1.0	1.0	ug/L		12/12/17 15:03	1
cis-1,2-Dichloroethene	26	1.0	ug/L		12/12/17 15:03	1
cis-1,3-Dichloropropene	<1.0	1.0	ug/L		12/12/17 15:03	1
Dichlorobromomethane	<1.0	1.0	ug/L		12/12/17 15:03	1
1,1-Dichloroethane	<1.0	1.0	ug/L		12/12/17 15:03	1
1,2-Dichloroethane	<1.0	1.0	ug/L		12/12/17 15:03	1
1,1-Dichloroethene	<1.0	1.0	ug/L		12/12/17 15:03	1
1,2-Dichloropropane	<1.0	1.0	ug/L		12/12/17 15:03	1
Ethylbenzene	<1.0	1.0	ug/L		12/12/17 15:03	1
2-Hexanone	<10	10	ug/L		12/12/17 15:03	1
Methylene Chloride	<5.0	5.0	ug/L		12/12/17 15:03	1
4-Methyl-2-pentanone (MIBK)	<10	10	ug/L		12/12/17 15:03	1
Styrene	<1.0	1.0	ug/L		12/12/17 15:03	1
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L		12/12/17 15:03	1
Toluene	<1.0	1.0	ug/L		12/12/17 15:03	1
trans-1,2-Dichloroethene	<1.0	1.0	ug/L		12/12/17 15:03	1
trans-1,3-Dichloropropene	<1.0	1.0	ug/L		12/12/17 15:03	1
1,1,1-Trichloroethane	<1.0	1.0	ug/L		12/12/17 15:03	1
1,1,2-Trichloroethane	<1.0	1.0	ug/L		12/12/17 15:03	1
Trichloroethene	23	1.0	ug/L		12/12/17 15:03	1
Vinyl chloride	<1.0	1.0	ug/L		12/12/17 15:03	1
Xylenes, Total	<1.0	1.0	ug/L		12/12/17 15:03	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100	80 - 120			12/12/17 15:03	1
1,2-Dichloroethane-d4 (Surr)	92	73 - 131			12/12/17 15:03	1
Dibromofluoromethane (Surr)	104	80 - 122			12/12/17 15:03	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Method: 8260B - Volatile Organic	Compounds (GC/MS) - DL							
4-Bromofluorobenzene (Surr)	101	80 - 120				12/12/17 15:03	1	
Dibromofluoromethane (Surr)	104	80 - 122				12/12/17 15:03	1	
1,2-Dichloroethane-d4 (Surr)	92	73 - 131				12/12/17 15:03	1	
		00 - 120					•	

Tetrachloroethene	170		2.0	 ug/L		12/14/17 17:03	2
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120			12/14/17 17:03	2
1,2-Dichloroethane-d4 (Surr)	97		73 - 131			12/14/17 17:03	2
Dibromofluoromethane (Surr)	100		80 - 122			12/14/17 17:03	2
4-Bromofluorobenzene (Surr)	99		80 - 120			12/14/17 17:03	2

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TestAmerica Job ID: 680-146532-1

Client Sample ID: SS-1

Project/Site: Ashland Alterman (Jonesboro)

Date Collected: 12/05/17 16:40 Date Received: 12/08/17 07:25

Client: EHS Support, LLC

Lab Sample ID: 680-146532-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds	(GC/MS)	
motifica. ozoob Tolatilo Organio Compoundo	(00,1110)	

Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Acetone	<10	10	ug/L		12/12/17 15:25	1
Benzene	<1.0	1.0	ug/L		12/12/17 15:25	1
Bromoform	<1.0	1.0	ug/L		12/12/17 15:25	1
Bromomethane	<5.0	5.0	ug/L		12/12/17 15:25	1
2-Butanone (MEK)	<10	10	ug/L		12/12/17 15:25	1
Carbon disulfide	<2.0	2.0	ug/L		12/12/17 15:25	1
Carbon tetrachloride	<1.0	1.0	ug/L		12/12/17 15:25	1
Chlorobenzene	<1.0	1.0	ug/L		12/12/17 15:25	1
Chlorodibromomethane	<1.0	1.0	ug/L		12/12/17 15:25	1
Chloroethane	<5.0	5.0	ug/L		12/12/17 15:25	1
Chloroform	<1.0	1.0	ug/L		12/12/17 15:25	1
Chloromethane	<1.0	1.0	ug/L		12/12/17 15:25	1
cis-1,2-Dichloroethene	4.7	1.0	ug/L		12/12/17 15:25	1
cis-1,3-Dichloropropene	<1.0	1.0	ug/L		12/12/17 15:25	1
Dichlorobromomethane	<1.0	1.0	ug/L		12/12/17 15:25	1
1,1-Dichloroethane	<1.0	1.0	ug/L		12/12/17 15:25	1
1,2-Dichloroethane	2.2	1.0	ug/L		12/12/17 15:25	1
1,1-Dichloroethene	<1.0	1.0	ug/L		12/12/17 15:25	1
1,2-Dichloropropane	<1.0	1.0	ug/L		12/12/17 15:25	1
Ethylbenzene	<1.0	1.0	ug/L		12/12/17 15:25	1
2-Hexanone	<10	10	ug/L		12/12/17 15:25	1
Methylene Chloride	<5.0	5.0	ug/L		12/12/17 15:25	1
4-Methyl-2-pentanone (MIBK)	<10	10	ug/L		12/12/17 15:25	1
Styrene	<1.0	1.0	ug/L		12/12/17 15:25	1
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L		12/12/17 15:25	1
Tetrachloroethene	51	1.0	ug/L		12/12/17 15:25	1
Toluene	<1.0	1.0	ug/L		12/12/17 15:25	1
trans-1,2-Dichloroethene	<1.0	1.0	ug/L		12/12/17 15:25	1
trans-1,3-Dichloropropene	<1.0	1.0	ug/L		12/12/17 15:25	1
1,1,1-Trichloroethane	<1.0	1.0	ug/L		12/12/17 15:25	1
1,1,2-Trichloroethane	<1.0	1.0	ug/L		12/12/17 15:25	1
Trichloroethene	4.4	1.0	ug/L		12/12/17 15:25	1
Vinyl chloride	<1.0	1.0	ug/L		12/12/17 15:25	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101	80 - 120		12/12/17 15:25	1
1,2-Dichloroethane-d4 (Surr)	97	73 - 131		12/12/17 15:25	1
Dibromofluoromethane (Surr)	108	80 - 122		12/12/17 15:25	1
4-Bromofluorobenzene (Surr)	99	80 - 120		12/12/17 15:25	1

Client Sample ID: SS-2

Date Collected: 12/07/17 08:45

Date Received: 12/08/17 07:25

Lab Sample ID: 680-146532-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)									
	Analyte	Result Qu	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Acetone	<10	10		ug/L			12/12/17 15:47	1
	Benzene	<1.0	1.0		ug/L			12/12/17 15:47	1
	Bromoform	<1.0	1.0		ug/L			12/12/17 15:47	1

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Client: EHS Support, LLC
Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: SS-2 Lab Sample ID: 680-146532-7

Date Collected: 12/07/17 08:45
Date Received: 12/08/17 07:25

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Bromomethane	<5.0		5.0	ug/L		12/12/17 15:47	1
2-Butanone (MEK)	<10		10	ug/L		12/12/17 15:47	1
Carbon disulfide	<2.0		2.0	ug/L		12/12/17 15:47	1
Carbon tetrachloride	<1.0		1.0	ug/L		12/12/17 15:47	1
Chlorobenzene	<1.0		1.0	ug/L		12/12/17 15:47	1
Chlorodibromomethane	<1.0		1.0	ug/L		12/12/17 15:47	1
Chloroethane	<5.0		5.0	ug/L		12/12/17 15:47	1
Chloroform	<1.0		1.0	ug/L		12/12/17 15:47	1
Chloromethane	<1.0		1.0	ug/L		12/12/17 15:47	1
cis-1,2-Dichloroethene	3.5		1.0	ug/L		12/12/17 15:47	1
cis-1,3-Dichloropropene	<1.0		1.0	ug/L		12/12/17 15:47	1
Dichlorobromomethane	<1.0		1.0	ug/L		12/12/17 15:47	1
1,1-Dichloroethane	<1.0		1.0	ug/L		12/12/17 15:47	1
1,2-Dichloroethane	<1.0		1.0	ug/L		12/12/17 15:47	1
1,1-Dichloroethene	<1.0		1.0	ug/L		12/12/17 15:47	1
1,2-Dichloropropane	<1.0		1.0	ug/L		12/12/17 15:47	1
Ethylbenzene	<1.0		1.0	ug/L		12/12/17 15:47	1
2-Hexanone	<10		10	ug/L		12/12/17 15:47	1
Methylene Chloride	<5.0		5.0	ug/L		12/12/17 15:47	1
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		12/12/17 15:47	1
Styrene	<1.0		1.0	ug/L		12/12/17 15:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		12/12/17 15:47	1
Tetrachloroethene	67		1.0	ug/L		12/12/17 15:47	1
Toluene	<1.0		1.0	ug/L		12/12/17 15:47	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		12/12/17 15:47	1
trans-1,3-Dichloropropene	<1.0		1.0	ug/L		12/12/17 15:47	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L		12/12/17 15:47	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L		12/12/17 15:47	1
Trichloroethene	3.8		1.0	ug/L		12/12/17 15:47	1
Vinyl chloride	<1.0		1.0	ug/L		12/12/17 15:47	1
Xylenes, Total	<1.0		1.0	ug/L		12/12/17 15:47	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		12/12/17 15:47	1
1,2-Dichloroethane-d4 (Surr)	93		73 - 131		12/12/17 15:47	1
Dibromofluoromethane (Surr)	106		80 - 122		12/12/17 15:47	1
4-Bromofluorobenzene (Surr)	101		80 - 120		12/12/17 15:47	1

Client Sample ID: SS-3

Date Collected: 12/05/17 16:15

Lab Sample ID: 680-146532-8

Matrix: Water

Date Collected: 12/05/17 16:15

Date Received: 12/08/17 07:25

Matrix: Water

Method: 8260B - Volatile Org	anic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/12/17 16:10	1
Benzene	<1.0		1.0		ug/L			12/12/17 16:10	1
Bromoform	<1.0		1.0		ug/L			12/12/17 16:10	1
Bromomethane	<5.0		5.0		ug/L			12/12/17 16:10	1
2-Butanone (MEK)	<10		10		ug/L			12/12/17 16:10	1
Carbon disulfide	<2.0		2.0		ug/L			12/12/17 16:10	1

TestAmerica Savannah

12/19/2017

TestAmerica Job ID: 680-146532-1

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: SS-3 Lab Sample ID: 680-146532-8

Date Collected: 12/05/17 16:15

Date Received: 12/08/17 07:25

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued) Result Qualifier RL **MDL** Unit D Dil Fac Analyte Prepared Analyzed Carbon tetrachloride <1.0 1.0 12/12/17 16:10 ug/L ug/L Chlorobenzene <1.0 1.0 12/12/17 16:10 Chlorodibromomethane <1.0 1.0 ug/L 12/12/17 16:10 Chloroethane < 5.0 5.0 ug/L 12/12/17 16:10 Chloroform <1.0 1.0 ug/L 12/12/17 16:10 ug/L Chloromethane <1.0 10 12/12/17 16:10 cis-1,2-Dichloroethene 2.7 1.0 ug/L 12/12/17 16:10 ug/L <1.0 1.0 12/12/17 16:10 cis-1,3-Dichloropropene Dichlorobromomethane <1.0 1.0 ug/L 12/12/17 16:10 1,1-Dichloroethane <1.0 1.0 ug/L 12/12/17 16:10 1,2-Dichloroethane <1.0 1.0 ug/L 12/12/17 16:10 ug/L 1,1-Dichloroethene <1.0 1.0 12/12/17 16:10 1,2-Dichloropropane <1.0 1.0 ug/L 12/12/17 16:10 Ethylbenzene 1.0 ug/L 12/12/17 16:10 2-Hexanone <10 10 ug/L 12/12/17 16:10 Methylene Chloride <5.0 5.0 ug/L 12/12/17 16:10 4-Methyl-2-pentanone (MIBK) 10 <10 ug/L 12/12/17 16:10 <1.0 1.0 ug/L 12/12/17 16:10 1,1,2,2-Tetrachloroethane 1.0 ug/L 12/12/17 16:10 <1.0 Tetrachloroethene 36 1.0 ug/L 12/12/17 16:10 Toluene <1.0 1.0 ug/L 12/12/17 16:10 1.0 trans-1,2-Dichloroethene <1.0 ug/L 12/12/17 16:10 trans-1,3-Dichloropropene <1.0 1.0 ug/L 12/12/17 16:10 1,1,1-Trichloroethane <1.0 1.0 ug/L 12/12/17 16:10 1,1,2-Trichloroethane <1.0 1.0 ug/L 12/12/17 16:10 1.0 ug/L 12/12/17 16:10 **Trichloroethene** 2.7 Vinyl chloride <1.0 1.0 ug/L 12/12/17 16:10 Xylenes, Total <1.0 1.0 ug/L 12/12/17 16:10 Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 80 - 120 Toluene-d8 (Surr) 100 12/12/17 16:10 1,2-Dichloroethane-d4 (Surr) 98 73 - 131 12/12/17 16:10 Dibromofluoromethane (Surr) 105 80 - 122 12/12/17 16:10 4-Bromofluorobenzene (Surr) 98 80 - 120 12/12/17 16:10

Client Sample ID: Dup-1 Lab Sample ID: 680-146532-9

Date Collected: 12/05/17 13:35 Matrix: Water

Matheda 0000D Malatila Occasio Communication (000)

Date Received: 12/08/17 07:25

Method: 8260B - Volatile Organ	nic Compounds (GC/MS)					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Acetone	<10	10	ug/L	 _	12/12/17 16:32	1
Benzene	<1.0	1.0	ug/L		12/12/17 16:32	1
Bromoform	<1.0	1.0	ug/L		12/12/17 16:32	1
Bromomethane	<5.0	5.0	ug/L		12/12/17 16:32	1
2-Butanone (MEK)	<10	10	ug/L		12/12/17 16:32	1
Carbon disulfide	<2.0	2.0	ug/L		12/12/17 16:32	1
Carbon tetrachloride	<1.0	1.0	ug/L		12/12/17 16:32	1
Chlorobenzene	<1.0	1.0	ug/L		12/12/17 16:32	1
Chlorodibromomethane	<1.0	1.0	ug/L		12/12/17 16:32	1

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-146532-9

TestAmerica Job ID: 680-146532-1

Matrix: Water

Client Sample ID: Dup-1

Date Collected: 12/05/17 13:35 Date Received: 12/08/17 07:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<5.0		5.0		ug/L			12/12/17 16:32	
Chloroform	<1.0		1.0		ug/L			12/12/17 16:32	•
Chloromethane	<1.0		1.0		ug/L			12/12/17 16:32	•
cis-1,2-Dichloroethene	37		1.0		ug/L			12/12/17 16:32	
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 16:32	•
Dichlorobromomethane	<1.0		1.0		ug/L			12/12/17 16:32	
1,1-Dichloroethane	<1.0		1.0		ug/L			12/12/17 16:32	•
1,2-Dichloroethane	<1.0		1.0		ug/L			12/12/17 16:32	•
1,1-Dichloroethene	<1.0		1.0		ug/L			12/12/17 16:32	•
1,2-Dichloropropane	<1.0		1.0		ug/L			12/12/17 16:32	•
Ethylbenzene	<1.0		1.0		ug/L			12/12/17 16:32	
2-Hexanone	<10		10		ug/L			12/12/17 16:32	
Methylene Chloride	<5.0		5.0		ug/L			12/12/17 16:32	
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/12/17 16:32	
Styrene	<1.0		1.0		ug/L			12/12/17 16:32	•
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/12/17 16:32	
Tetrachloroethene	120		1.0		ug/L			12/12/17 16:32	•
Toluene	<1.0		1.0		ug/L			12/12/17 16:32	•
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 16:32	
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 16:32	•
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/12/17 16:32	,
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/12/17 16:32	
Trichloroethene	15		1.0		ug/L			12/12/17 16:32	,
Vinyl chloride	<1.0		1.0		ug/L			12/12/17 16:32	,
Xylenes, Total	<1.0		1.0		ug/L			12/12/17 16:32	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		12/12/17 16:32	1
1,2-Dichloroethane-d4 (Surr)	95		73 - 131		12/12/17 16:32	1
Dibromofluoromethane (Surr)	105		80 - 122		12/12/17 16:32	1
4-Bromofluorobenzene (Surr)	98		80 - 120		12/12/17 16:32	1

Client Sample ID: Trip Blank

Date Collected: 12/05/17 00:00

Date Received: 12/08/17 07:25

Lab Sample ID: 68	0-146532-10
	Matrix: Water

Analyte	Result Qualifie	r RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10	10	ug/L			12/12/17 12:28	1
Benzene	<1.0	1.0	ug/L			12/12/17 12:28	1
Bromoform	<1.0	1.0	ug/L			12/12/17 12:28	1
Bromomethane	<5.0	5.0	ug/L			12/12/17 12:28	1
2-Butanone (MEK)	<10	10	ug/L			12/12/17 12:28	1
Carbon disulfide	<2.0	2.0	ug/L			12/12/17 12:28	1
Carbon tetrachloride	<1.0	1.0	ug/L			12/12/17 12:28	1
Chlorobenzene	<1.0	1.0	ug/L			12/12/17 12:28	1
Chlorodibromomethane	<1.0	1.0	ug/L			12/12/17 12:28	1
Chloroethane	<5.0	5.0	ug/L			12/12/17 12:28	1
Chloroform	<1.0	1.0	ug/L			12/12/17 12:28	1
Chloromethane	<1.0	1.0	ug/L			12/12/17 12:28	1

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: Trip Blank

Lab Sample ID: 680-146532-10

Matrix: Water

Date Collected: 12/05/17 00:00 Date Received: 12/08/17 07:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:28	
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 12:28	
Dichlorobromomethane	<1.0		1.0		ug/L			12/12/17 12:28	4
1,1-Dichloroethane	<1.0		1.0		ug/L			12/12/17 12:28	
1,2-Dichloroethane	<1.0		1.0		ug/L			12/12/17 12:28	•
1,1-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:28	
1,2-Dichloropropane	<1.0		1.0		ug/L			12/12/17 12:28	
Ethylbenzene	<1.0		1.0		ug/L			12/12/17 12:28	
2-Hexanone	<10		10		ug/L			12/12/17 12:28	
Methylene Chloride	<5.0		5.0		ug/L			12/12/17 12:28	
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/12/17 12:28	•
Styrene	<1.0		1.0		ug/L			12/12/17 12:28	
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/12/17 12:28	
Tetrachloroethene	<1.0		1.0		ug/L			12/12/17 12:28	
Toluene	<1.0		1.0		ug/L			12/12/17 12:28	•
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:28	
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 12:28	•
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/12/17 12:28	•
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/12/17 12:28	
Trichloroethene	<1.0		1.0		ug/L			12/12/17 12:28	
Vinyl chloride	<1.0		1.0		ug/L			12/12/17 12:28	,
Xylenes, Total	<1.0		1.0		ug/L			12/12/17 12:28	

	Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	Toluene-d8 (Surr)	102		80 - 120	_		12/12/17 12:28	1
	1,2-Dichloroethane-d4 (Surr)	96		73 - 131			12/12/17 12:28	1
	Dibromofluoromethane (Surr)	108		80 - 122			12/12/17 12:28	1
İ	4-Bromofluorobenzene (Surr)	102		80 - 120			12/12/17 12:28	1

Client Sample ID: OF-2

Date Collected: 12/05/17 16:35 Date Received: 12/08/17 07:25 Lab Sample ID: 680-146532-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/12/17 16:54	1
Benzene	<1.0		1.0		ug/L			12/12/17 16:54	1
Bromoform	<1.0		1.0		ug/L			12/12/17 16:54	1
Bromomethane	<5.0		5.0		ug/L			12/12/17 16:54	1
2-Butanone (MEK)	<10		10		ug/L			12/12/17 16:54	1
Carbon disulfide	<2.0		2.0		ug/L			12/12/17 16:54	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/12/17 16:54	1
Chlorobenzene	<1.0		1.0		ug/L			12/12/17 16:54	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/12/17 16:54	1
Chloroethane	<5.0		5.0		ug/L			12/12/17 16:54	1
Chloroform	<1.0		1.0		ug/L			12/12/17 16:54	1
Chloromethane	<1.0		1.0		ug/L			12/12/17 16:54	1
cis-1,2-Dichloroethene	7.4		1.0		ug/L			12/12/17 16:54	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 16:54	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/12/17 16:54	1

TestAmerica Savannah

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Client Sample ID: OF-2

Lab Sample ID: 680-146532-11

Matrix: Water

Date Collected: 12/05/17 16:35 Date Received: 12/08/17 07:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<1.0		1.0		ug/L			12/12/17 16:54	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/12/17 16:54	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/12/17 16:54	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/12/17 16:54	1
Ethylbenzene	<1.0		1.0		ug/L			12/12/17 16:54	1
2-Hexanone	<10		10		ug/L			12/12/17 16:54	1
Methylene Chloride	<5.0		5.0		ug/L			12/12/17 16:54	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/12/17 16:54	1
Styrene	<1.0		1.0		ug/L			12/12/17 16:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/12/17 16:54	1
Tetrachloroethene	60		1.0		ug/L			12/12/17 16:54	1
Toluene	<1.0		1.0		ug/L			12/12/17 16:54	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 16:54	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 16:54	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/12/17 16:54	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/12/17 16:54	1
Trichloroethene	9.0		1.0		ug/L			12/12/17 16:54	1
Vinyl chloride	<1.0		1.0		ug/L			12/12/17 16:54	1
Xylenes, Total	<1.0		1.0		ug/L			12/12/17 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120			=		12/12/17 16:54	1
1,2-Dichloroethane-d4 (Surr)	96		73 - 131					12/12/17 16:54	1
Dibromofluoromethane (Surr)	108		80 - 122					12/12/17 16:54	1
4-Bromofluorobenzene (Surr)	100		80 - 120					12/12/17 16:54	1

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Surrogate Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rogate Recover	y (Acceptance Lim
		TOL	DCA	DBFM	BFB	
Lab Sample ID	Client Sample ID	(80-120)	(73-131)	(80-122)	(80-120)	
680-146532-1	MW-16C	102	108	116	98	
680-146532-1 - DL	MW-16C	95	90	97	99	
680-146532-2	MW-19B	99	93	106	99	
680-146532-3	MW-19C	98	92	101	97	
680-146532-3 - DL	MW-19C	93	95	99	98	
680-146532-4	MW-19D	98	90	103	99	
680-146532-4 - DL	MW-19D	98	91	96	101	
680-146532-5	MW-20C	100	92	104	101	
680-146532-5 - DL	MW-20C	96	97	100	99	
680-146532-6	SS-1	101	97	108	99	
680-146532-7	SS-2	100	93	106	101	
680-146532-8	SS-3	100	98	105	98	
680-146532-9	Dup-1	98	95	105	98	
680-146532-10	Trip Blank	102	96	108	102	
680-146532-11	OF-2	101	96	108	100	
LCS 680-506013/4	Lab Control Sample	101	100	101	99	
LCS 680-506396/4	Lab Control Sample	94	84	92	99	
LCSD 680-506013/5	Lab Control Sample Dup	100	98	101	102	
LCSD 680-506396/5	Lab Control Sample Dup	97	88	95	101	
MB 680-506013/9	Method Blank	103	98	109	100	
MB 680-506396/9	Method Blank	100	83	90	98	

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TestAmerica Job ID: 680-146532-1

Client: EHS Support, LLC Project/Site: Ashland Alterman (Jonesboro)

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

MR MR

Lab Sample ID: MB 680-506013/9

Matrix: Water

Analysis Batch: 506013

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/12/17 12:00	1
Benzene	<1.0		1.0		ug/L			12/12/17 12:00	1
Bromoform	<1.0		1.0		ug/L			12/12/17 12:00	1
Bromomethane	<5.0		5.0		ug/L			12/12/17 12:00	1
2-Butanone (MEK)	<10		10		ug/L			12/12/17 12:00	1
Carbon disulfide	<2.0		2.0		ug/L			12/12/17 12:00	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/12/17 12:00	1
Chlorobenzene	<1.0		1.0		ug/L			12/12/17 12:00	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/12/17 12:00	1
Chloroethane	<5.0		5.0		ug/L			12/12/17 12:00	1
Chloroform	<1.0		1.0		ug/L			12/12/17 12:00	1
Chloromethane	<1.0		1.0		ug/L			12/12/17 12:00	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:00	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 12:00	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/12/17 12:00	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/12/17 12:00	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/12/17 12:00	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:00	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/12/17 12:00	1
Ethylbenzene	<1.0		1.0		ug/L			12/12/17 12:00	1
2-Hexanone	<10		10		ug/L			12/12/17 12:00	1
Methylene Chloride	<5.0		5.0		ug/L			12/12/17 12:00	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/12/17 12:00	1
Styrene	<1.0		1.0		ug/L			12/12/17 12:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/12/17 12:00	1
Tetrachloroethene	<1.0		1.0		ug/L			12/12/17 12:00	1
Toluene	<1.0		1.0		ug/L			12/12/17 12:00	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/12/17 12:00	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/12/17 12:00	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/12/17 12:00	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/12/17 12:00	1
Trichloroethene	<1.0		1.0		ug/L			12/12/17 12:00	1
Vinyl chloride	<1.0		1.0		ug/L			12/12/17 12:00	1
Xylenes, Total	<1.0		1.0		ug/L			12/12/17 12:00	1
					-				

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		12/12/17 12:00	1
1,2-Dichloroethane-d4 (Surr)	98		73 - 131		12/12/17 12:00	1
Dibromofluoromethane (Surr)	109		80 - 122		12/12/17 12:00	1
4-Bromofluorobenzene (Surr)	100		80 - 120		12/12/17 12:00	1

Lab Sample ID: LCS 680-506013/4

Matrix: Water

Analysis Batch: 506013

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Acetone	250	260		ug/L		104	68 - 132	
Benzene	50.0	51.0		ug/L		102	80 - 120	

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Spike

LCS LCS

TestAmerica Job ID: 680-146532-1

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: LCS 680-506013/4

Matrix: Water

Analysis Batch: 506013

Client Sample ID: Lab Control Sample Prep Type: Total/NA

%Rec.

	Opike	LUJ	LUG			/orcec.	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
Bromoform	50.0	52.0	ug/L		104	52 - 122	
Bromomethane	50.0	44.1	ug/L		88	43 - 146	
2-Butanone (MEK)	250	266	ug/L		106	79 _ 125	
Carbon disulfide	50.0	46.7	ug/L		93	77 - 129	
Carbon tetrachloride	50.0	53.3	ug/L		107	67 _ 125	
Chlorobenzene	50.0	50.2	ug/L		100	80 - 120	
Chlorodibromomethane	50.0	51.1	ug/L		102	68 - 120	
Chloroethane	50.0	52.6	ug/L		105	48 _ 145	
Chloroform	50.0	50.5	ug/L		101	80 - 120	
Chloromethane	50.0	46.9	ug/L		94	76 - 149	
cis-1,2-Dichloroethene	50.0	53.7	ug/L		107	80 - 120	
cis-1,3-Dichloropropene	50.0	55.5	ug/L		111	80 _ 129	
Dichlorobromomethane	50.0	52.9	ug/L		106	80 - 120	
1,1-Dichloroethane	50.0	50.9	ug/L		102	80 _ 120	
1,2-Dichloroethane	50.0	51.5	ug/L		103	72 _ 128	
1,1-Dichloroethene	50.0	49.7	ug/L		99	80 - 120	
1,2-Dichloropropane	50.0	52.1	ug/L		104	80 _ 120	
Ethylbenzene	50.0	50.5	ug/L		101	80 - 120	
2-Hexanone	250	243	ug/L		97	80 - 131	
Methylene Chloride	50.0	53.1	ug/L		106	80 _ 120	
4-Methyl-2-pentanone (MIBK)	250	247	ug/L		99	80 - 134	
Styrene	50.0	50.6	ug/L		101	80 - 126	
1,1,2,2-Tetrachloroethane	50.0	48.8	ug/L		98	76 - 126	
Tetrachloroethene	50.0	51.0	ug/L		102	71 - 123	
Toluene	50.0	51.9	ug/L		104	80 - 120	
trans-1,2-Dichloroethene	50.0	51.7	ug/L		103	80 - 120	
trans-1,3-Dichloropropene	50.0	55.7	ug/L		111	80 _ 128	
1,1,1-Trichloroethane	50.0	52.7	ug/L		105	80 - 120	
1,1,2-Trichloroethane	50.0	51.7	ug/L		103	80 _ 120	
Trichloroethene	50.0	51.8	ug/L		104	80 _ 120	
Vinyl chloride	50.0	47.2	ug/L		94	80 - 129	
Xylenes, Total	100	101	ug/L		101	80 - 120	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		73 - 131
Dibromofluoromethane (Surr)	101		80 - 122
4-Bromofluorobenzene (Surr)	99		80 - 120

Lab Sample ID: LCSD 680-506013/5

Matrix: Water

Analysis Batch: 506013

Client Sample ID: Lab	Control Sample Dup
	Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	250	259		ug/L		103	68 - 132	1	30
Benzene	50.0	50.5		ug/L		101	80 - 120	1	20
Bromoform	50.0	51.8		ug/L		104	52 - 122	0	20
Bromomethane	50.0	37.7		ug/L		75	43 - 146	16	20

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TestAmerica Job ID: 680-146532-1

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: LCSD 680-506013/5

Matrix: Water

Analysis Batch: 506013

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2-Butanone (MEK)	250	279		ug/L		111	79 - 125	5	20
Carbon disulfide	50.0	49.1		ug/L		98	77 - 129	5	20
Carbon tetrachloride	50.0	51.4		ug/L		103	67 - 125	4	20
Chlorobenzene	50.0	49.8		ug/L		100	80 - 120	1	20
Chlorodibromomethane	50.0	51.5		ug/L		103	68 - 120	1	20
Chloroethane	50.0	50.9		ug/L		102	48 - 145	3	20
Chloroform	50.0	50.1		ug/L		100	80 - 120	1	20
Chloromethane	50.0	48.6		ug/L		97	76 - 149	4	30
cis-1,2-Dichloroethene	50.0	52.4		ug/L		105	80 - 120	2	20
cis-1,3-Dichloropropene	50.0	55.1		ug/L		110	80 - 129	1	20
Dichlorobromomethane	50.0	52.2		ug/L		104	80 - 120	1	20
1,1-Dichloroethane	50.0	49.8		ug/L		100	80 - 120	2	20
1,2-Dichloroethane	50.0	52.6		ug/L		105	72 - 128	2	50
1,1-Dichloroethene	50.0	48.8		ug/L		98	80 - 120	2	20
1,2-Dichloropropane	50.0	51.5		ug/L		103	80 - 120	1	20
Ethylbenzene	50.0	50.3		ug/L		101	80 - 120	0	20
2-Hexanone	250	241		ug/L		96	80 - 131	1	20
Methylene Chloride	50.0	52.4		ug/L		105	80 - 120	1	20
4-Methyl-2-pentanone (MIBK)	250	247		ug/L		99	80 - 134	0	20
Styrene	50.0	49.9		ug/L		100	80 - 126	1	20
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/L		97	76 - 126	0	20
Tetrachloroethene	50.0	51.1		ug/L		102	71 - 123	0	20
Toluene	50.0	51.6		ug/L		103	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	50.9		ug/L		102	80 - 120	2	20
trans-1,3-Dichloropropene	50.0	54.9		ug/L		110	80 - 128	1	30
1,1,1-Trichloroethane	50.0	51.7		ug/L		103	80 - 120	2	20
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 120	1	20
Trichloroethene	50.0	51.1		ug/L		102	80 - 120	1	20
Vinyl chloride	50.0	45.9		ug/L		92	80 - 129	3	20
Xylenes, Total	100	101		ug/L		101	80 - 120	1	20

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		73 - 131
Dibromofluoromethane (Surr)	101		80 - 122
4-Bromofluorobenzene (Surr)	102		80 - 120

Lab Sample ID: MB 680-506396/9

Matrix: Water

Analysis Batch: 506396

Client Sample ID: Method Blank

Prep Type: Total/NA

ı		MB	MB							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Acetone	<10		10		ug/L			12/14/17 15:00	1
I	Benzene	<1.0		1.0		ug/L			12/14/17 15:00	1
	Bromoform	<1.0		1.0		ug/L			12/14/17 15:00	1
ı	Bromomethane	<5.0		5.0		ug/L			12/14/17 15:00	1
ı	2-Butanone (MEK)	<10		10		ug/L			12/14/17 15:00	1
	Carbon disulfide	<2.0		2.0		ug/L			12/14/17 15:00	1

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TestAmerica Job ID: 680-146532-1

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: MB 680-506396/9

Matrix: Water

Analysis Batch: 506396

Client Sample ID: Method Blank

Prep Type: Total/NA

7 maryoro Zatom cocco	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<1.0		1.0		ug/L			12/14/17 15:00	1
Chlorobenzene	<1.0		1.0		ug/L			12/14/17 15:00	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/14/17 15:00	1
Chloroethane	<5.0		5.0		ug/L			12/14/17 15:00	1
Chloroform	<1.0		1.0		ug/L			12/14/17 15:00	1
Chloromethane	<1.0		1.0		ug/L			12/14/17 15:00	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/14/17 15:00	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/14/17 15:00	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/14/17 15:00	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/14/17 15:00	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/14/17 15:00	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/14/17 15:00	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/14/17 15:00	1
Ethylbenzene	<1.0		1.0		ug/L			12/14/17 15:00	1
2-Hexanone	<10		10		ug/L			12/14/17 15:00	1
Methylene Chloride	<5.0		5.0		ug/L			12/14/17 15:00	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/14/17 15:00	1
Styrene	<1.0		1.0		ug/L			12/14/17 15:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/14/17 15:00	1
Tetrachloroethene	<1.0		1.0		ug/L			12/14/17 15:00	1
Toluene	<1.0		1.0		ug/L			12/14/17 15:00	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/14/17 15:00	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/14/17 15:00	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/14/17 15:00	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/14/17 15:00	1
Trichloroethene	<1.0		1.0		ug/L			12/14/17 15:00	1
Vinyl chloride	<1.0		1.0		ug/L			12/14/17 15:00	1
Xylenes, Total	<1.0		1.0		ug/L			12/14/17 15:00	1

MR	MR
WID.	IVID

	INID II	WID					
Surrogate	%Recovery (Qualifier Lim	its	Prepared	Analyzed	Dil Fac	
Toluene-d8 (Surr)	100	80 -	120		12/14/17 15:00	1	
1,2-Dichloroethane-d4 (Surr)	83	73 -	131		12/14/17 15:00	1	
Dibromofluoromethane (Surr)	90	80 -	122		12/14/17 15:00	1	
4-Bromofluorobenzene (Surr)	98	- 08	120		12/14/17 15:00	1	

Lab Sample ID: LCS 680-506396/4

Matrix: Water

Analysis Batch: 506396

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Acetone	250	220		ug/L		88	68 - 132	
Benzene	50.0	48.2		ug/L		96	80 - 120	
Bromoform	50.0	43.4		ug/L		87	52 - 122	
Bromomethane	50.0	46.4		ug/L		93	43 - 146	
2-Butanone (MEK)	250	236		ug/L		94	79 - 125	
Carbon disulfide	50.0	47.5		ug/L		95	77 - 129	
Carbon tetrachloride	50.0	48.3		ug/L		97	67 - 125	
Chlorobenzene	50.0	46.7		ug/L		93	80 - 120	

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TestAmerica Job ID: 680-146532-1

Client: EHS Support, LLC Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: LCS 680-506396/4

Matrix: Water

Analysis Batch: 506396

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chlorodibromomethane	50.0	44.4		ug/L		89	68 - 120
Chloroethane	50.0	44.9		ug/L		90	48 - 145
Chloroform	50.0	46.5		ug/L		93	80 - 120
Chloromethane	50.0	44.4		ug/L		89	76 - 149
cis-1,2-Dichloroethene	50.0	46.6		ug/L		93	80 - 120
cis-1,3-Dichloropropene	50.0	47.6		ug/L		95	80 - 129
Dichlorobromomethane	50.0	44.6		ug/L		89	80 - 120
1,1-Dichloroethane	50.0	46.6		ug/L		93	80 - 120
1,2-Dichloroethane	50.0	45.0		ug/L		90	72 - 128
1,1-Dichloroethene	50.0	51.2		ug/L		102	80 - 120
1,2-Dichloropropane	50.0	47.1		ug/L		94	80 - 120
Ethylbenzene	50.0	48.1		ug/L		96	80 - 120
2-Hexanone	250	219		ug/L		87	80 - 131
Methylene Chloride	50.0	46.7		ug/L		93	80 - 120
4-Methyl-2-pentanone (MIBK)	250	220		ug/L		88	80 - 134
Styrene	50.0	47.7		ug/L		95	80 - 126
1,1,2,2-Tetrachloroethane	50.0	47.3		ug/L		95	76 - 126
Tetrachloroethene	50.0	47.9		ug/L		96	71 - 123
Toluene	50.0	46.9		ug/L		94	80 - 120
trans-1,2-Dichloroethene	50.0	47.6		ug/L		95	80 - 120
trans-1,3-Dichloropropene	50.0	46.0		ug/L		92	80 - 128
1,1,1-Trichloroethane	50.0	47.0		ug/L		94	80 - 120
1,1,2-Trichloroethane	50.0	46.0		ug/L		92	80 - 120
Trichloroethene	50.0	45.8		ug/L		92	80 - 120
Vinyl chloride	50.0	49.0		ug/L		98	80 - 129
Xylenes, Total	100	96.8		ug/L		97	80 - 120

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	94	-	80 - 120
1,2-Dichloroethane-d4 (Surr)	84		73 - 131
Dibromofluoromethane (Surr)	92		80 - 122
4-Bromofluorobenzene (Surr)	99		80 - 120

Lab Sample ID: LCSD 680-506396/5

Matrix: Water

Analysis Batch: 506396

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	250	232		ug/L		93	68 - 132	5	30
Benzene	50.0	48.8		ug/L		98	80 - 120	1	20
Bromoform	50.0	45.2		ug/L		90	52 - 122	4	20
Bromomethane	50.0	49.8		ug/L		100	43 - 146	7	20
2-Butanone (MEK)	250	237		ug/L		95	79 - 125	0	20
Carbon disulfide	50.0	49.4		ug/L		99	77 - 129	4	20
Carbon tetrachloride	50.0	49.5		ug/L		99	67 - 125	2	20
Chlorobenzene	50.0	48.8		ug/L		98	80 - 120	4	20
Chlorodibromomethane	50.0	45.9		ug/L		92	68 - 120	3	20
Chloroethane	50.0	47.3		ug/L		95	48 - 145	5	20

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QC Sample Results

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

TestAmerica Job ID: 680-146532-1

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Lab Sample ID: LCSD 680-506396/5

Matrix: Water

Analysis Batch: 506396

•	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloroform	50.0	47.8		ug/L		96	80 - 120	3	20
Chloromethane	50.0	49.3		ug/L		99	76 - 149	11	30
cis-1,2-Dichloroethene	50.0	48.6		ug/L		97	80 - 120	4	20
cis-1,3-Dichloropropene	50.0	50.1		ug/L		100	80 - 129	5	20
Dichlorobromomethane	50.0	46.7		ug/L		93	80 - 120	5	20
1,1-Dichloroethane	50.0	48.7		ug/L		97	80 - 120	5	20
1,2-Dichloroethane	50.0	45.9		ug/L		92	72 - 128	2	50
1,1-Dichloroethene	50.0	53.5		ug/L		107	80 - 120	5	20
1,2-Dichloropropane	50.0	49.1		ug/L		98	80 - 120	4	20
Ethylbenzene	50.0	50.2		ug/L		100	80 - 120	4	20
2-Hexanone	250	229		ug/L		91	80 - 131	4	20
Methylene Chloride	50.0	48.3		ug/L		97	80 - 120	3	20
4-Methyl-2-pentanone (MIBK)	250	229		ug/L		92	80 - 134	4	20
Styrene	50.0	49.3		ug/L		99	80 - 126	3	20
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	76 - 126	5	20
Tetrachloroethene	50.0	49.7		ug/L		99	71 - 123	4	20
Toluene	50.0	49.1		ug/L		98	80 - 120	5	20
trans-1,2-Dichloroethene	50.0	49.8		ug/L		100	80 - 120	4	20
trans-1,3-Dichloropropene	50.0	48.4		ug/L		97	80 - 128	5	30
1,1,1-Trichloroethane	50.0	49.0		ug/L		98	80 - 120	4	20
1,1,2-Trichloroethane	50.0	47.6		ug/L		95	80 - 120	3	20
Trichloroethene	50.0	47.6		ug/L		95	80 - 120	4	20
Vinyl chloride	50.0	51.5		ug/L		103	80 - 129	5	20
Xylenes, Total	100	100		ug/L		100	80 - 120	4	20

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	88		73 - 131
Dibromofluoromethane (Surr)	95		80 - 122
4-Bromofluorobenzene (Surr)	101		80 - 120

QC Association Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

GC/MS VOA

Analysis Batch: 506013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-146532-1	MW-16C	Total/NA	Water	8260B	
680-146532-2	MW-19B	Total/NA	Water	8260B	
680-146532-3	MW-19C	Total/NA	Water	8260B	
680-146532-4	MW-19D	Total/NA	Water	8260B	
680-146532-5	MW-20C	Total/NA	Water	8260B	
680-146532-6	SS-1	Total/NA	Water	8260B	
680-146532-7	SS-2	Total/NA	Water	8260B	
680-146532-8	SS-3	Total/NA	Water	8260B	
680-146532-9	Dup-1	Total/NA	Water	8260B	
680-146532-10	Trip Blank	Total/NA	Water	8260B	
680-146532-11	OF-2	Total/NA	Water	8260B	
MB 680-506013/9	Method Blank	Total/NA	Water	8260B	
LCS 680-506013/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-506013/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 506396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-146532-1 - DL	MW-16C	Total/NA	Water	8260B	
680-146532-3 - DL	MW-19C	Total/NA	Water	8260B	
680-146532-4 - DL	MW-19D	Total/NA	Water	8260B	
680-146532-5 - DL	MW-20C	Total/NA	Water	8260B	
MB 680-506396/9	Method Blank	Total/NA	Water	8260B	
LCS 680-506396/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-506396/5	Lab Control Sample Dup	Total/NA	Water	8260B	

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-146532-1

Matrix: Water

Client Sample ID: MW-16C Date Collected: 12/05/17 15:20 Date Received: 12/08/17 07:25

Prep Type Total/NA	Batch Type Analysis	Batch Method 8260B	Run	Dil Factor	Initial Amount 5 mL	Final Amount 5 mL	Batch Number 506013	Prepared or Analyzed 12/12/17 13:35	Analyst CMB	_ Lab TAL SAV
TOTALINA	Instrume				JIIL	JIIL	300013	12/12/17 13.33	CIVID	TAL SAV
Total/NA	Analysis Instrume	8260B nt ID: CMSP2	DL	10	5 mL	5 mL	506396	12/14/17 15:50	UI	TAL SAV

Client Sample ID: MW-19B Lab Sample ID: 680-146532-2

. Matrix: Water

Date Collected: 12/05/17 13:30 Date Received: 12/08/17 07:25

Dil Initial Batch Batch Batch Final Prepared Prep Type Method Amount Number Туре Run Factor Amount or Analyzed Analyst Lab 506013 12/12/17 13:57 TAL SAV Total/NA Analysis 8260B 5 mL 5 mL CMB Instrument ID: CMSO2

Client Sample ID: MW-19C Lab Sample ID: 680-146532-3

Date Collected: 12/05/17 13:15 Matrix: Water

Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 14:19	CMB	TAL SAV
	Instrume	nt ID: CMSO2								
Total/NA	Analysis Instrume	8260B nt ID: CMSP2	DL	5	5 mL	5 mL	506396	12/14/17 16:14	UI	TAL SAV

Client Sample ID: MW-19D

Date Collected: 12/05/17 14:10

Lab Sample ID: 680-146532-4

Matrix: Water

Date Collected: 12/05/17 14:10
Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 14:41	CMB	TAL SAV
	Instrume	nt ID: CMSO2								
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	506396	12/14/17 16:39	UI	TAL SAV
	Instrume	nt ID: CMSP2								

Client Sample ID: MW-20C Lab Sample ID: 680-146532-5

Date Collected: 12/05/17 15:35 Matrix: Water

Date Received: 12/08/17 07:25

Prep Type Total/NA	Batch Type Analysis Instrume	### Batch Method	Run	Dil Factor 1	Initial Amount 5 mL	Final Amount 5 mL	Batch Number 506013	Prepared or Analyzed 12/12/17 15:03	Analyst CMB	- Lab TAL SAV
Total/NA	Analysis Instrume	8260B int ID: CMSP2	DL	2	5 mL	5 mL	506396	12/14/17 17:03	UI	TAL SAV

TestAmerica Savannah

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-146532-6

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Date Collected: 12/05/17 16:40 Date Received: 12/08/17 07:25

Client Sample ID: SS-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	 -	1	5 mL	5 mL	506013	12/12/17 15:25	CMB	TAL SAV
	Instrume	ent ID: CMSO2								

Client Sample ID: SS-2 Lab Sample ID: 680-146532-7

Date Collected: 12/07/17 08:45 Matrix: Water

Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 15:47	CMB	TAL SAV
	Instrume	nt ID: CMSO2								

Client Sample ID: SS-3 Lab Sample ID: 680-146532-8

Date Collected: 12/05/17 16:15

Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 16:10	CMB	TAL SAV
	Instrumen	nt ID: CMSO2								

Client Sample ID: Dup-1 Lab Sample ID: 680-146532-9

Date Collected: 12/05/17 13:35

Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 16:32	CMB	TAL SAV
	Instrume	nt ID: CMSO2								

Client Sample ID: Trip Blank

Lab Sample ID: 680-146532-10

Date Collected: 12/05/17 00:00

Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 12:28	CMB	TAL SAV
	Instrume	nt ID: CMSO2								

Client Sample ID: OF-2 Lab Sample ID: 680-146532-11

Date Collected: 12/05/17 16:35 Date Received: 12/08/17 07:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	506013	12/12/17 16:54	CMB	TAL SAV
	Instrume	nt ID: CMSO2								

TestAmerica Savannah

Lab Chronicle

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-146532-1

Laboratory References:

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

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Login Sample Receipt Checklist

Client: EHS Support, LLC Job Number: 680-146532-1

Login Number: 146532 List Source: TestAmerica Savannah

List Number: 1

Creator: Edwards, Jessica R

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Accreditation/Certification Summary

Client: EHS Support, LLC TestAmerica Job ID: 680-146532-1

Project/Site: Ashland Alterman (Jonesboro)

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	803	06-30-18

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Tel: (912)354-7858

TestAmerica Job ID: 680-140434-1

Client Project/Site: Ashland Alterman (Jonesboro)

For:

EHS Support, LLC 4694 Cemetary Rd, PMB 104 Hilliard, Ohio 43026

Attn: Ms. Michelle Stayrook

Jerry Jamier

Authorized for release by: 7/12/2017 11:37:14 AM

Jerry Lanier, Project Manager I (912)354-7858 e.3410 jerry.lanier@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.

Project/Site: Ashland Alterman (Jonesboro)

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Case Narrative

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Job ID: 680-140434-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: EHS Support, LLC

Project: Ashland Alterman (Jonesboro)

Report Number: 680-140434-1

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 the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 06/29/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.0 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-13B (680-140434-1), MW-13A (680-140434-2), MW-19D (680-140434-3), MW-19C (680-140434-4), MW-19B (680-140434-5), MW-16B (680-140434-6), MW-16C (680-140434-7), MW-16A (680-140434-8), MW-20C (680-140434-9), MW-15A (680-140434-10), MW-15B (680-140434-11), DUP-1 (680-140434-12), EB-1 (680-140434-13), MW-16A-LF (680-140434-14), MW-16B-LF (680-140434-15), OF-1 (680-140434-16), SS-1 (680-140434-17), SS-2 (680-140434-18), SS-3 (680-140434-19) and TRIP BLANK (680-140434-20) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/07/2017 and 07/08/2017.

Bromomethane failed the recovery criteria high for the MSD of sample MW-13BMSD (680-140434-1) in batch 400-359612.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples MW-19D (680-140434-3)[2X], MW-16B (680-140434-6)[5X], MW-16C (680-140434-7)[5X], MW-16A (680-140434-8)[5X], MW-16A-LF (680-140434-14)[5X] and MW-16B-LF (680-140434-15)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Sample Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-140434-1	MW-13B	Water	06/26/17 12:47	06/29/17 07:00
680-140434-2	MW-13A	Water	06/26/17 12:53	06/29/17 07:00
680-140434-3	MW-19D	Water	06/26/17 13:53	06/29/17 07:00
680-140434-4	MW-19C	Water	06/26/17 13:48	06/29/17 07:00
680-140434-5	MW-19B	Water	06/26/17 13:40	06/29/17 07:00
680-140434-6	MW-16B	Water	06/26/17 14:25	06/29/17 07:00
680-140434-7	MW-16C	Water	06/26/17 14:20	06/29/17 07:00
680-140434-8	MW-16A	Water	06/26/17 14:22	06/29/17 07:00
680-140434-9	MW-20C	Water	06/26/17 15:00	06/29/17 07:00
680-140434-10	MW-15A	Water	06/26/17 16:10	06/29/17 07:00
680-140434-11	MW-15B	Water	06/26/17 16:15	06/29/17 07:00
680-140434-12	DUP-1	Water	06/26/17 16:20	06/29/17 07:00
680-140434-13	EB-1	Water	06/27/17 09:25	06/29/17 07:00
680-140434-14	MW-16A-LF	Water	06/27/17 11:20	06/29/17 07:00
680-140434-15	MW-16B-LF	Water	06/27/17 10:25	06/29/17 07:00
680-140434-16	OF-1	Water	06/27/17 11:40	06/29/17 07:00
680-140434-17	SS-1	Water	06/27/17 11:45	06/29/17 07:00
680-140434-18	SS-2	Water	06/27/17 11:50	06/29/17 07:00
680-140434-19	SS-3	Water	06/27/17 12:14	06/29/17 07:00
680-140434-20	TRIP BLANK	Water	06/27/17 13:00	06/29/17 07:00

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Method Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Definitions/Glossary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Qualifiers

GC/MS VOA

F1 MS and/or MSD Recovery is outside acceptance limits.

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					
CFL	Contains Free Liquid					
CNF	Contains No Free Liquid					
DER	Duplicate Error Ratio (normalized absolute difference)					
Dil Fac	Dilution Factor					
DL	Detection Limit (DoD/DOE)					
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample					
DLC	Decision Level Concentration (Radiochemistry)					
EDL	Estimated Detection Limit (Dioxin)					
LOD	Limit of Detection (DoD/DOE)					

LOQ Limit of Quantitation (DoD/DOE)

MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) MLNC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

PQL **Practical Quantitation Limit**

QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

RLReporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TestAmerica Savannah

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7/12/2017

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-13B	Lab Sample ID: 680-140434-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	64	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	53	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	12	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: MW-13A Lab Sample ID: 680-140434-2

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Benzene	2.5	1.0	ug/L		8260B	Total/NA
cis-1,2-Dichloroethene	60	1.0	ug/L	1	8260B	Total/NA
Tetrachloroethene	25	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	37	1.0	ug/L	1	8260B	Total/NA
Vinyl chloride	12	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: MW-19D Lab Sample ID: 680-140434-3

Analyte	Result (Qualifier	RL	MDL U	Jnit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		2.0	u u	ıg/L	2	_	8260B	Total/NA
Tetrachloroethene	310		2.0	u	ıg/L	2		8260B	Total/NA
Trichloroethene	30		2.0	u	ıg/L	2		8260B	Total/NA

Client Sample ID: MW-19C Lab Sample ID: 680-140434-4

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	44	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	220	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	31	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: MW-19B Lab Sample ID: 680-140434-5

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	33	1.0	ug/L		8260B	Total/NA
Tetrachloroethene	150	1.0	ug/L	1	8260B	Total/NA
Trichloroethene	19	1.0	ug/L	1	8260B	Total/NA

Client Sample ID: MW-16B Lab Sample ID: 680-140434-6

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	160	5.0	ug/L		8260B	Total/NA
Tetrachloroethene	710	5.0	ug/L	5	8260B	Total/NA
Trichloroethene	78	5.0	ug/L	5	8260B	Total/NA

Client Sample ID: MW-16C Lab Sample ID: 680-140434-7

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	120	5.0	ug/L		8260B	Total/NA
Tetrachloroethene	800	5.0	ug/L	5	8260B	Total/NA
Trichloroethene	86	5.0	ug/L	5	8260B	Total/NA

Client Sample ID: MW-16A Lab Sample ID: 680-140434-8

This Detection Summary does not include radiochemical test results.

TestAmerica Savannah

7/12/2017

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Lab Sample ID: 680-140434-12

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-16A (Continued)

Lab Sample ID: 680-140434-8

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	240	5.0	ug/L		8260B	Total/NA
Tetrachloroethene	1000	5.0	ug/L	5	8260B	Total/NA
Trichloroethene	140	5.0	ug/L	5	8260B	Total/NA

Client Sample ID: MW-20C Lab Sample ID: 680-140434-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac I	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0		ug/L	1	8260B	Total/NA
Tetrachloroethene	250		1.0		ug/L	1	8260B	Total/NA
Trichloroethene	29		1.0		ug/L	1	8260B	Total/NA

Client Sample ID: MW-15A Lab Sample ID: 680-140434-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	270		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	72		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-15B Lab Sample ID: 680-140434-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil F	ic D	Method	Prep Type
Tetrachloroethene	73		1.0		ug/L		1	8260B	Total/NA
Trichloroethene	2.2		1.0		ug/L		1	8260B	Total/NA

Client Sample ID: DUP-1

Analyte	Result	Qualifier	RL	MDL	Unit	ı	Dil Fac	D	Method	Prep Type	
Tetrachloroethene	71		1.0		ug/L		1	_	8260B	Total/NA	_
Trichloroethene	2.1		1.0		ug/L		1		8260B	Total/NA	

Client Sample ID: EB-1 Lab Sample ID: 680-140434-13

No Detections.

Client Sample ID: MW-16A-LF

Lab Sample ID: 680-140434-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	260		5.0		ug/L	5	_	8260B	Total/NA
Tetrachloroethene	1000		5.0		ug/L	5		8260B	Total/NA
Trichloroethene	150		5.0		ug/L	5		8260B	Total/NA

Client Sample ID: MW-16B-LF

Lab Sample ID: 680-140434-15

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	260	5.0	ug/L		8260B	Total/NA
Tetrachloroethene	940	5.0	ug/L	5	8260B	Total/NA
trans-1,2-Dichloroethene	5.9	5.0	ug/L	5	8260B	Total/NA
Trichloroethene	110	5.0	ug/L	5	8260B	Total/NA

Client Sample ID: OF-1 Lab Sample ID: 680-140434-16

This Detection Summary does not include radiochemical test results.

TestAmerica Savannah

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: OF-1 (Continued)

TestAmerica Job ID: 680-140434-1

Lab	Sample	ID:	680-	140434	-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.0		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	94		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: SS-1 Lab Sample ID: 680-140434-17

Analyte	Result	Qualifier	RL	MDL	Unit	D	il Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.4		1.0		ug/L		1	_	8260B	Total/NA
Tetrachloroethene	46		1.0		ug/L		1		8260B	Total/NA
Trichloroethene	5.7		1.0		ug/L		1		8260B	Total/NA

Client Sample ID: SS-2 Lab Sample ID: 680-140434-18

Analyte	Result Qualifie	er RL	MDL Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4	1.0	ug/L	1	_	8260B	Total/NA
Tetrachloroethene	34	1.0	ug/L	1		8260B	Total/NA
Trichloroethene	2.9	1.0	ug/L	1		8260B	Total/NA

Client Sample ID: SS-3 Lab Sample ID: 680-140434-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	17		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	1.8		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK

No Detections.

Lab Sample ID: 680-140434-20

This Detection Summary does not include radiochemical test results.

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-1

Matrix: Water

Client Sample ID: MW-13B Date Collected: 06/26/17 12:47

Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/07/17 13:24	1
Benzene	<1.0		1.0		ug/L			07/07/17 13:24	1
Bromoform	<5.0		5.0		ug/L			07/07/17 13:24	1
Bromomethane	<1.0	F1	1.0		ug/L			07/07/17 13:24	1
2-Butanone (MEK)	<25		25		ug/L			07/07/17 13:24	1
Carbon disulfide	<1.0		1.0		ug/L			07/07/17 13:24	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/07/17 13:24	1
Chlorobenzene	<1.0		1.0		ug/L			07/07/17 13:24	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/07/17 13:24	1
Chloroethane	<1.0		1.0		ug/L			07/07/17 13:24	1
Chloroform	<1.0		1.0		ug/L			07/07/17 13:24	1
Chloromethane	<1.0		1.0		ug/L			07/07/17 13:24	1
cis-1,2-Dichloroethene	64		1.0		ug/L			07/07/17 13:24	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 13:24	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/07/17 13:24	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 13:24	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 13:24	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 13:24	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 13:24	1
Ethylbenzene	<1.0		1.0		ug/L			07/07/17 13:24	1
2-Hexanone	<25		25		ug/L			07/07/17 13:24	1
Methylene Chloride	<5.0		5.0		ug/L			07/07/17 13:24	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 13:24	1
Styrene	<1.0		1.0		ug/L			07/07/17 13:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 13:24	1
Tetrachloroethene	53		1.0		ug/L			07/07/17 13:24	1
Toluene	<1.0		1.0		ug/L			07/07/17 13:24	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 13:24	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 13:24	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 13:24	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 13:24	1
Trichloroethene	12		1.0		ug/L			07/07/17 13:24	1
Vinyl chloride	<1.0		1.0		ug/L			07/07/17 13:24	1
Xylenes, Total	<10		10		ug/L			07/07/17 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		67 - 134			_		07/07/17 13:24	1

Client Sample ID: MW-13A

Date Collected: 06/26/17 12:53

Lab Sample ID: 680-140434-2

Matrix: Water

80 - 120

95

Date Received: 06/29/17 07:00

Toluene-d8 (Surr)

Method: 8260B - Volatile Orga	anic Compounds (GC/MS)					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Acetone	<25	25	ug/L		07/07/17 15:03	1
Benzene	2.5	1.0	ug/L		07/07/17 15:03	1
Bromoform	<5.0	5.0	ug/L		07/07/17 15:03	1
Bromomethane	<1.0	1.0	ug/L		07/07/17 15:03	1
2-Butanone (MEK)	<25	25	ug/L		07/07/17 15:03	1

TestAmerica Savannah

07/07/17 13:24

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-2

Matrix: Water

Client Sample ID: MW-13A Date Collected: 06/26/17 12:53

Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.0		1.0		ug/L			07/07/17 15:03	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/07/17 15:03	1
Chlorobenzene	<1.0		1.0		ug/L			07/07/17 15:03	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/07/17 15:03	1
Chloroethane	<1.0		1.0		ug/L			07/07/17 15:03	1
Chloroform	<1.0		1.0		ug/L			07/07/17 15:03	1
Chloromethane	<1.0		1.0		ug/L			07/07/17 15:03	1
cis-1,2-Dichloroethene	60		1.0		ug/L			07/07/17 15:03	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 15:03	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/07/17 15:03	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 15:03	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 15:03	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 15:03	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 15:03	1
Ethylbenzene	<1.0		1.0		ug/L			07/07/17 15:03	1
2-Hexanone	<25		25		ug/L			07/07/17 15:03	1
Methylene Chloride	<5.0		5.0		ug/L			07/07/17 15:03	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 15:03	1
Styrene	<1.0		1.0		ug/L			07/07/17 15:03	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 15:03	1
Tetrachloroethene	25		1.0		ug/L			07/07/17 15:03	1
Toluene	<1.0		1.0		ug/L			07/07/17 15:03	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 15:03	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 15:03	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 15:03	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 15:03	1
Trichloroethene	37		1.0		ug/L			07/07/17 15:03	1
Vinyl chloride	12		1.0		ug/L			07/07/17 15:03	1
Xylenes, Total	<10		10		ug/L			07/07/17 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		67 - 134			-		07/07/17 15:03	1
Toluene-d8 (Surr)	94		80 - 120					07/07/17 15:03	1

Client Sample ID: MW-19D

Date Collected: 06/26/17 13:53

Date Received: 06/29/17 07:00

Lab Sample ID: 680-140434-3

Matrix: Water

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<50	50		ug/L			07/07/17 19:08	2
Benzene	<2.0	2.0		ug/L			07/07/17 19:08	2
Bromoform	<10	10		ug/L			07/07/17 19:08	2
Bromomethane	<2.0	2.0		ug/L			07/07/17 19:08	2
2-Butanone (MEK)	<50	50		ug/L			07/07/17 19:08	2
Carbon disulfide	<2.0	2.0		ug/L			07/07/17 19:08	2
Carbon tetrachloride	<2.0	2.0		ug/L			07/07/17 19:08	2
Chlorobenzene	<2.0	2.0		ug/L			07/07/17 19:08	2
Chlorodibromomethane	<2.0	2.0		ug/L			07/07/17 19:08	2
Chloroethane	<2.0	2.0		ug/L			07/07/17 19:08	2

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-19D Lab Sample ID: 680-140434-3

Date Collected: 06/26/17 13:53 Matrix: Water Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<2.0		2.0	ug/L			07/07/17 19:08	2
Chloromethane	<2.0		2.0	ug/L			07/07/17 19:08	2
cis-1,2-Dichloroethene	51		2.0	ug/L			07/07/17 19:08	2
cis-1,3-Dichloropropene	<10		10	ug/L			07/07/17 19:08	2
Dichlorobromomethane	<2.0		2.0	ug/L			07/07/17 19:08	2
1,1-Dichloroethane	<2.0		2.0	ug/L			07/07/17 19:08	2
1,2-Dichloroethane	<2.0		2.0	ug/L			07/07/17 19:08	2
1,1-Dichloroethene	<2.0		2.0	ug/L			07/07/17 19:08	2
1,2-Dichloropropane	<2.0		2.0	ug/L			07/07/17 19:08	2
Ethylbenzene	<2.0		2.0	ug/L			07/07/17 19:08	2
2-Hexanone	<50		50	ug/L			07/07/17 19:08	2
Methylene Chloride	<10		10	ug/L			07/07/17 19:08	2
4-Methyl-2-pentanone (MIBK)	<50		50	ug/L			07/07/17 19:08	2
Styrene	<2.0		2.0	ug/L			07/07/17 19:08	2
1,1,2,2-Tetrachloroethane	<2.0		2.0	ug/L			07/07/17 19:08	2
Tetrachloroethene	310		2.0	ug/L			07/07/17 19:08	2
Toluene	<2.0		2.0	ug/L			07/07/17 19:08	2
trans-1,2-Dichloroethene	<2.0		2.0	ug/L			07/07/17 19:08	2
trans-1,3-Dichloropropene	<10		10	ug/L			07/07/17 19:08	2
1,1,1-Trichloroethane	<2.0		2.0	ug/L			07/07/17 19:08	2
1,1,2-Trichloroethane	<10		10	ug/L			07/07/17 19:08	2
Trichloroethene	30		2.0	ug/L			07/07/17 19:08	2
Vinyl chloride	<2.0		2.0	ug/L			07/07/17 19:08	2
Xylenes, Total	<20		20	ug/L			07/07/17 19:08	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Client Sample ID: MW-19C			Lab Sample ID: 680-14	0434-4
Toluene-d8 (Surr)	93	80 - 120	07/07/17 19:08	2
1,2-Dichloroethane-d4 (Surr)	83	67 - 134	07/07/17 19:08	2

Date Collected: 06/26/17 13:48 Date Received: 06/29/17 07:00

Analyte	Result Qualifie	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25		ug/L			07/08/17 16:30	1
Benzene	<1.0	1.0		ug/L			07/08/17 16:30	1
Bromoform	<5.0	5.0		ug/L			07/08/17 16:30	1
Bromomethane	<1.0	1.0		ug/L			07/08/17 16:30	1
2-Butanone (MEK)	<25	25		ug/L			07/08/17 16:30	1
Carbon disulfide	<1.0	1.0		ug/L			07/08/17 16:30	1
Carbon tetrachloride	<1.0	1.0		ug/L			07/08/17 16:30	1
Chlorobenzene	<1.0	1.0		ug/L			07/08/17 16:30	1
Chlorodibromomethane	<1.0	1.0		ug/L			07/08/17 16:30	1
Chloroethane	<1.0	1.0		ug/L			07/08/17 16:30	1
Chloroform	<1.0	1.0		ug/L			07/08/17 16:30	1
Chloromethane	<1.0	1.0		ug/L			07/08/17 16:30	1
cis-1,2-Dichloroethene	44	1.0		ug/L			07/08/17 16:30	1
cis-1,3-Dichloropropene	<5.0	5.0		ug/L			07/08/17 16:30	1
Dichlorobromomethane	<1.0	1.0		ug/L			07/08/17 16:30	1

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TestAmerica Job ID: 680-140434-1

Matrix: Water

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-4

TestAmerica Job ID: 680-140434-1

Matrix: Water

Client Sample ID: MW-19C

Date Collected: 06/26/17 13:48 Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 16:30	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/08/17 16:30	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:30	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/08/17 16:30	1
Ethylbenzene	<1.0		1.0		ug/L			07/08/17 16:30	1
2-Hexanone	<25		25		ug/L			07/08/17 16:30	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 16:30	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 16:30	1
Styrene	<1.0		1.0		ug/L			07/08/17 16:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 16:30	1
Tetrachloroethene	220		1.0		ug/L			07/08/17 16:30	1
Toluene	<1.0		1.0		ug/L			07/08/17 16:30	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:30	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 16:30	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 16:30	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 16:30	1
Trichloroethene	31		1.0		ug/L			07/08/17 16:30	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 16:30	1
Xylenes, Total	<10		10		ug/L			07/08/17 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134			-		07/08/17 16:30	1
Toluene-d8 (Surr)	91		80 - 120					07/08/17 16:30	1

Client Sample ID: MW-19B Lab Sample ID: 680-140434-5 Matrix: Water

Date Collected: 06/26/17 13:40

Date Received: 06/29/17 07:00

Analyte	Result Qu	ualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25	ug/L			07/08/17 16:55	1
Benzene	<1.0	1.0	ug/L			07/08/17 16:55	1
Bromoform	<5.0	5.0	ug/L			07/08/17 16:55	1
Bromomethane	<1.0	1.0	ug/L			07/08/17 16:55	1
2-Butanone (MEK)	<25	25	ug/L			07/08/17 16:55	1
Carbon disulfide	<1.0	1.0	ug/L			07/08/17 16:55	1
Carbon tetrachloride	<1.0	1.0	ug/L			07/08/17 16:55	1
Chlorobenzene	<1.0	1.0	ug/L			07/08/17 16:55	1
Chlorodibromomethane	<1.0	1.0	ug/L			07/08/17 16:55	1
Chloroethane	<1.0	1.0	ug/L			07/08/17 16:55	1
Chloroform	<1.0	1.0	ug/L			07/08/17 16:55	1
Chloromethane	<1.0	1.0	ug/L			07/08/17 16:55	1
cis-1,2-Dichloroethene	33	1.0	ug/L			07/08/17 16:55	1
cis-1,3-Dichloropropene	<5.0	5.0	ug/L			07/08/17 16:55	1
Dichlorobromomethane	<1.0	1.0	ug/L			07/08/17 16:55	1
1,1-Dichloroethane	<1.0	1.0	ug/L			07/08/17 16:55	1
1,2-Dichloroethane	<1.0	1.0	ug/L			07/08/17 16:55	1
1,1-Dichloroethene	<1.0	1.0	ug/L			07/08/17 16:55	1
1,2-Dichloropropane	<1.0	1.0	ug/L			07/08/17 16:55	1
Ethylbenzene	<1.0	1.0	ug/L			07/08/17 16:55	1

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-5

TestAmerica Job ID: 680-140434-1

Matrix: Water

Client Sample ID: MW-19B

Date Collected: 06/26/17 13:40 Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<25		25		ug/L			07/08/17 16:55	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 16:55	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 16:55	1
Styrene	<1.0		1.0		ug/L			07/08/17 16:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 16:55	1
Tetrachloroethene	150		1.0		ug/L			07/08/17 16:55	1
Toluene	<1.0		1.0		ug/L			07/08/17 16:55	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:55	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 16:55	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 16:55	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 16:55	1
Trichloroethene	19		1.0		ug/L			07/08/17 16:55	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 16:55	1
Xylenes, Total	<10		10		ug/L			07/08/17 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134			-		07/08/17 16:55	1
Toluene-d8 (Surr)	93		80 - 120					07/08/17 16:55	1

Client Sample ID: MW-16B Lab Sample ID: 680-140434-6

Date Collected: 06/26/17 14:25 Matrix: Water

Date Received: 06/29/17 07:00

Analyte	Result Qu	ıalifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<130	130		ug/L			07/07/17 20:47	5
Benzene	<5.0	5.0		ug/L			07/07/17 20:47	5
Bromoform	<25	25		ug/L			07/07/17 20:47	5
Bromomethane	<5.0	5.0		ug/L			07/07/17 20:47	5
2-Butanone (MEK)	<130	130		ug/L			07/07/17 20:47	5
Carbon disulfide	<5.0	5.0		ug/L			07/07/17 20:47	5
Carbon tetrachloride	<5.0	5.0		ug/L			07/07/17 20:47	5
Chlorobenzene	<5.0	5.0		ug/L			07/07/17 20:47	5
Chlorodibromomethane	<5.0	5.0		ug/L			07/07/17 20:47	5
Chloroethane	<5.0	5.0		ug/L			07/07/17 20:47	5
Chloroform	<5.0	5.0		ug/L			07/07/17 20:47	5
Chloromethane	<5.0	5.0		ug/L			07/07/17 20:47	5
cis-1,2-Dichloroethene	160	5.0		ug/L			07/07/17 20:47	5
cis-1,3-Dichloropropene	<25	25		ug/L			07/07/17 20:47	5
Dichlorobromomethane	<5.0	5.0		ug/L			07/07/17 20:47	5
1,1-Dichloroethane	<5.0	5.0		ug/L			07/07/17 20:47	5
1,2-Dichloroethane	<5.0	5.0		ug/L			07/07/17 20:47	5
1,1-Dichloroethene	<5.0	5.0		ug/L			07/07/17 20:47	5
1,2-Dichloropropane	<5.0	5.0		ug/L			07/07/17 20:47	5
Ethylbenzene	<5.0	5.0		ug/L			07/07/17 20:47	5
2-Hexanone	<130	130		ug/L			07/07/17 20:47	5
Methylene Chloride	<25	25		ug/L			07/07/17 20:47	5
4-Methyl-2-pentanone (MIBK)	<130	130		ug/L			07/07/17 20:47	5
Styrene	<5.0	5.0		ug/L			07/07/17 20:47	5
1,1,2,2-Tetrachloroethane	<5.0	5.0		ug/L			07/07/17 20:47	5

TestAmerica Savannah

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Client Sample ID: MW-16B

Lab Sample ID: 680-140434-6 Date Collected: 06/26/17 14:25

Matrix: Water

Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	710		5.0		ug/L			07/07/17 20:47	5
Toluene	<5.0		5.0		ug/L			07/07/17 20:47	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			07/07/17 20:47	5
trans-1,3-Dichloropropene	<25		25		ug/L			07/07/17 20:47	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			07/07/17 20:47	5
1,1,2-Trichloroethane	<25		25		ug/L			07/07/17 20:47	5
Trichloroethene	78		5.0		ug/L			07/07/17 20:47	5
Vinyl chloride	<5.0		5.0		ug/L			07/07/17 20:47	5
Xylenes, Total	<50		50		ug/L			07/07/17 20:47	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		67 - 134			-		07/07/17 20:47	5
Toluene-d8 (Surr)	93		80 - 120					07/07/17 20:47	5

Client Sample ID: MW-16C Lab Sample ID: 680-140434-7

Date Collected: 06/26/17 14:20 **Matrix: Water**

Date Received: 06/29/17 07:00

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Acetone	<130	130		ug/L			07/07/17 21:11	
Benzene	<5.0	5.0		ug/L			07/07/17 21:11	5
Bromoform	<25	25		ug/L			07/07/17 21:11	5
Bromomethane	<5.0	5.0		ug/L			07/07/17 21:11	5
2-Butanone (MEK)	<130	130		ug/L			07/07/17 21:11	5
Carbon disulfide	<5.0	5.0		ug/L			07/07/17 21:11	5
Carbon tetrachloride	<5.0	5.0		ug/L			07/07/17 21:11	5
Chlorobenzene	<5.0	5.0		ug/L			07/07/17 21:11	5
Chlorodibromomethane	<5.0	5.0		ug/L			07/07/17 21:11	5
Chloroethane	<5.0	5.0		ug/L			07/07/17 21:11	5
Chloroform	<5.0	5.0		ug/L			07/07/17 21:11	5
Chloromethane	<5.0	5.0		ug/L			07/07/17 21:11	5
cis-1,2-Dichloroethene	120	5.0		ug/L			07/07/17 21:11	
cis-1,3-Dichloropropene	<25	25		ug/L			07/07/17 21:11	5
Dichlorobromomethane	<5.0	5.0		ug/L			07/07/17 21:11	5
1,1-Dichloroethane	<5.0	5.0		ug/L			07/07/17 21:11	5
1,2-Dichloroethane	<5.0	5.0		ug/L			07/07/17 21:11	5
1,1-Dichloroethene	<5.0	5.0		ug/L			07/07/17 21:11	5
1,2-Dichloropropane	<5.0	5.0		ug/L			07/07/17 21:11	
Ethylbenzene	<5.0	5.0		ug/L			07/07/17 21:11	5
2-Hexanone	<130	130		ug/L			07/07/17 21:11	5
Methylene Chloride	<25	25		ug/L			07/07/17 21:11	5
4-Methyl-2-pentanone (MIBK)	<130	130		ug/L			07/07/17 21:11	5
Styrene	<5.0	5.0		ug/L			07/07/17 21:11	5
1,1,2,2-Tetrachloroethane	<5.0	5.0		ug/L			07/07/17 21:11	5
Tetrachloroethene	800	5.0		ug/L			07/07/17 21:11	5
Toluene	<5.0	5.0		ug/L			07/07/17 21:11	5
trans-1,2-Dichloroethene	<5.0	5.0		ug/L			07/07/17 21:11	5
trans-1,3-Dichloropropene	<25	25		ug/L			07/07/17 21:11	5
1,1,1-Trichloroethane	<5.0	5.0		ug/L			07/07/17 21:11	5

TestAmerica Savannah

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Client: EHS Support, LLC

Date Received: 06/29/17 07:00

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-7

TestAmerica Job ID: 680-140434-1

Client Sample ID: MW-16C Date Collected: 06/26/17 14:20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued) RL MDL Unit Dil Fac Analyte Result Qualifier D Prepared Analyzed 1,1,2-Trichloroethane <25 25 ug/L 07/07/17 21:11 5.0 ug/L 07/07/17 21:11 5 **Trichloroethene** 86 Vinyl chloride <5.0 5.0 ug/L 07/07/17 21:11 5 Xylenes, Total <50 50 ug/L 07/07/17 21:11 5 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 87 67 - 134 07/07/17 21:11 Toluene-d8 (Surr) 93 80 - 120 07/07/17 21:11 5

Lab Sample ID: 680-140434-8 Client Sample ID: MW-16A

Date Collected: 06/26/17 14:22 Matrix: Water Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<130		130		ug/L			07/07/17 21:36	5
Benzene	<5.0		5.0		ug/L			07/07/17 21:36	5
Bromoform	<25		25		ug/L			07/07/17 21:36	5
Bromomethane	<5.0		5.0		ug/L			07/07/17 21:36	5
2-Butanone (MEK)	<130		130		ug/L			07/07/17 21:36	5
Carbon disulfide	<5.0		5.0		ug/L			07/07/17 21:36	5
Carbon tetrachloride	<5.0		5.0		ug/L			07/07/17 21:36	5
Chlorobenzene	<5.0		5.0		ug/L			07/07/17 21:36	5
Chlorodibromomethane	<5.0		5.0		ug/L			07/07/17 21:36	5
Chloroethane	<5.0		5.0		ug/L			07/07/17 21:36	5
Chloroform	<5.0		5.0		ug/L			07/07/17 21:36	5
Chloromethane	<5.0		5.0		ug/L			07/07/17 21:36	5
cis-1,2-Dichloroethene	240		5.0		ug/L			07/07/17 21:36	5
cis-1,3-Dichloropropene	<25		25		ug/L			07/07/17 21:36	5
Dichlorobromomethane	<5.0		5.0		ug/L			07/07/17 21:36	5
1,1-Dichloroethane	<5.0		5.0		ug/L			07/07/17 21:36	5
1,2-Dichloroethane	<5.0		5.0		ug/L			07/07/17 21:36	5
1,1-Dichloroethene	<5.0		5.0		ug/L			07/07/17 21:36	5
1,2-Dichloropropane	<5.0		5.0		ug/L			07/07/17 21:36	5
Ethylbenzene	<5.0		5.0		ug/L			07/07/17 21:36	5
2-Hexanone	<130		130		ug/L			07/07/17 21:36	5
Methylene Chloride	<25		25		ug/L			07/07/17 21:36	5
4-Methyl-2-pentanone (MIBK)	<130		130		ug/L			07/07/17 21:36	5
Styrene	<5.0		5.0		ug/L			07/07/17 21:36	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			07/07/17 21:36	5
Tetrachloroethene	1000		5.0		ug/L			07/07/17 21:36	5
Toluene	<5.0		5.0		ug/L			07/07/17 21:36	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			07/07/17 21:36	5
trans-1,3-Dichloropropene	<25		25		ug/L			07/07/17 21:36	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			07/07/17 21:36	5
1,1,2-Trichloroethane	<25		25		ug/L			07/07/17 21:36	5
Trichloroethene	140		5.0		ug/L			07/07/17 21:36	5
Vinyl chloride	<5.0		5.0		ug/L			07/07/17 21:36	5
Xylenes, Total	<50		50		ug/L			07/07/17 21:36	5

TestAmerica Savannah

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Cample ID: 000 440404 0

TestAmerica Job ID: 680-140434-1

Client Sample ID: MW-16A

Lab Sample ID: 680-140434-8

Matrix: Water

Date Collected: 06/26/17 14:22 Date Received: 06/29/17 07:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		67 - 134		07/07/17 21:36	5
Toluene-d8 (Surr)	94		80 - 120		07/07/17 21:36	5

Client Sample ID: MW-20C Lab Sample ID: 680-140434-9

Date Collected: 06/26/17 15:00 Matrix: Water

Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/08/17 17:19	1
Benzene	<1.0		1.0		ug/L			07/08/17 17:19	1
Bromoform	<5.0		5.0		ug/L			07/08/17 17:19	1
Bromomethane	<1.0		1.0		ug/L			07/08/17 17:19	1
2-Butanone (MEK)	<25		25		ug/L			07/08/17 17:19	1
Carbon disulfide	<1.0		1.0		ug/L			07/08/17 17:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/08/17 17:19	1
Chlorobenzene	<1.0		1.0		ug/L			07/08/17 17:19	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/08/17 17:19	1
Chloroethane	<1.0		1.0		ug/L			07/08/17 17:19	1
Chloroform	<1.0		1.0		ug/L			07/08/17 17:19	1
Chloromethane	<1.0		1.0		ug/L			07/08/17 17:19	1
cis-1,2-Dichloroethene	25		1.0		ug/L			07/08/17 17:19	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 17:19	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/08/17 17:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 17:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/08/17 17:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/08/17 17:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/08/17 17:19	1
Ethylbenzene	<1.0		1.0		ug/L			07/08/17 17:19	1
2-Hexanone	<25		25		ug/L			07/08/17 17:19	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 17:19	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 17:19	1
Styrene	<1.0		1.0		ug/L			07/08/17 17:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 17:19	1
Tetrachloroethene	250		1.0		ug/L			07/08/17 17:19	1
Toluene	<1.0		1.0		ug/L			07/08/17 17:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 17:19	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 17:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 17:19	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 17:19	1
Trichloroethene	29		1.0		ug/L			07/08/17 17:19	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 17:19	1
Xylenes, Total	<10		10		ug/L			07/08/17 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		67 - 134			-		07/08/17 17:19	1
Toluene-d8 (Surr)	88		80 - 120					07/08/17 17:19	1

TestAmerica Savannah

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Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-15A

Client: EHS Support, LLC

Date Collected: 06/26/17 16:10 Date Received: 06/29/17 07:00 TestAmerica Job ID: 680-140434-1

Lab Sample ID: 680-140434-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25	ug/L			07/07/17 15:27	1
Benzene	<1.0		1.0	ug/L			07/07/17 15:27	1
Bromoform	<5.0		5.0	ug/L			07/07/17 15:27	1
Bromomethane	<1.0		1.0	ug/L			07/07/17 15:27	1
2-Butanone (MEK)	<25		25	ug/L			07/07/17 15:27	1
Carbon disulfide	<1.0		1.0	ug/L			07/07/17 15:27	1
Carbon tetrachloride	<1.0		1.0	ug/L			07/07/17 15:27	1
Chlorobenzene	<1.0		1.0	ug/L			07/07/17 15:27	1
Chlorodibromomethane	<1.0		1.0	ug/L			07/07/17 15:27	1
Chloroethane	<1.0		1.0	ug/L			07/07/17 15:27	1
Chloroform	<1.0		1.0	ug/L			07/07/17 15:27	1
Chloromethane	<1.0		1.0	ug/L			07/07/17 15:27	1
cis-1,2-Dichloroethene	15		1.0	ug/L			07/07/17 15:27	1
cis-1,3-Dichloropropene	<5.0		5.0	ug/L			07/07/17 15:27	1
Dichlorobromomethane	<1.0		1.0	ug/L			07/07/17 15:27	1
1,1-Dichloroethane	<1.0		1.0	ug/L			07/07/17 15:27	1
1,2-Dichloroethane	<1.0		1.0	ug/L			07/07/17 15:27	1
1,1-Dichloroethene	<1.0		1.0	ug/L			07/07/17 15:27	1
1,2-Dichloropropane	<1.0		1.0	ug/L			07/07/17 15:27	1
Ethylbenzene	<1.0		1.0	ug/L			07/07/17 15:27	1
2-Hexanone	<25		25	ug/L			07/07/17 15:27	1
Methylene Chloride	<5.0		5.0	ug/L			07/07/17 15:27	1
4-Methyl-2-pentanone (MIBK)	<25		25	ug/L			07/07/17 15:27	1
Styrene	<1.0		1.0	ug/L			07/07/17 15:27	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			07/07/17 15:27	1
Tetrachloroethene	270		1.0	ug/L			07/07/17 15:27	1
Toluene	<1.0		1.0	ug/L			07/07/17 15:27	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			07/07/17 15:27	1
trans-1,3-Dichloropropene	<5.0		5.0	ug/L			07/07/17 15:27	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			07/07/17 15:27	1
1,1,2-Trichloroethane	<5.0		5.0	ug/L			07/07/17 15:27	1
Trichloroethene	72		1.0	ug/L			07/07/17 15:27	1
Vinyl chloride	<1.0		1.0	ug/L			07/07/17 15:27	1
Xylenes, Total	<10		10	ug/L			07/07/17 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		67 - 134		-		07/07/17 15:27	1

Client Sample ID: MW-15B Lab Sample ID: 680-140434-11 Date Collected: 06/26/17 16:15 Matrix: Water

80 - 120

Date Received: 06/29/17 07:00

Toluene-d8 (Surr)

Method: 8260B - Volatile Organ	ic Compounds (GC/MS))					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25	ug/L			07/07/17 15:52	1
Benzene	<1.0	1.0	ug/L			07/07/17 15:52	1
Bromoform	<5.0	5.0	ug/L			07/07/17 15:52	1
Bromomethane	<1.0	1.0	ug/L			07/07/17 15:52	1
2-Butanone (MEK)	<25	25	ug/L			07/07/17 15:52	1

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07/07/17 15:27

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-15B

Date Collected: 06/26/17 16:15 Date Received: 06/29/17 07:00 Lab Sample ID: 680-140434-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.0		1.0		ug/L			07/07/17 15:52	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/07/17 15:52	1
Chlorobenzene	<1.0		1.0		ug/L			07/07/17 15:52	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/07/17 15:52	1
Chloroethane	<1.0		1.0		ug/L			07/07/17 15:52	1
Chloroform	<1.0		1.0		ug/L			07/07/17 15:52	1
Chloromethane	<1.0		1.0		ug/L			07/07/17 15:52	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 15:52	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 15:52	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/07/17 15:52	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 15:52	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 15:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 15:52	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 15:52	1
Ethylbenzene	<1.0		1.0		ug/L			07/07/17 15:52	1
2-Hexanone	<25		25		ug/L			07/07/17 15:52	1
Methylene Chloride	<5.0		5.0		ug/L			07/07/17 15:52	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 15:52	1
Styrene	<1.0		1.0		ug/L			07/07/17 15:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 15:52	1
Tetrachloroethene	73		1.0		ug/L			07/07/17 15:52	1
Toluene	<1.0		1.0		ug/L			07/07/17 15:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 15:52	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 15:52	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 15:52	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 15:52	1
Trichloroethene	2.2		1.0		ug/L			07/07/17 15:52	1
Vinyl chloride	<1.0		1.0		ug/L			07/07/17 15:52	1
Xylenes, Total	<10		10		ug/L			07/07/17 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		67 - 134			_		07/07/17 15:52	1
Toluene-d8 (Surr)	92		80 - 120					07/07/17 15:52	1

Client Sample ID: DUP-1

Date Collected: 06/26/17 16:20

Date Received: 06/29/17 07:00

Lab Sample ID: 680-140434-12

Matrix: Water

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25		ug/L			07/07/17 16:16	1
Benzene	<1.0	1.0		ug/L			07/07/17 16:16	1
Bromoform	<5.0	5.0		ug/L			07/07/17 16:16	1
Bromomethane	<1.0	1.0		ug/L			07/07/17 16:16	1
2-Butanone (MEK)	<25	25		ug/L			07/07/17 16:16	1
Carbon disulfide	<1.0	1.0		ug/L			07/07/17 16:16	1
Carbon tetrachloride	<1.0	1.0		ug/L			07/07/17 16:16	1
Chlorobenzene	<1.0	1.0		ug/L			07/07/17 16:16	1
Chlorodibromomethane	<1.0	1.0		ug/L			07/07/17 16:16	1
Chloroethane	<1.0	1.0		ug/L			07/07/17 16:16	1

TestAmerica Savannah

Client Sample ID: DUP-1

Client: EHS Support, LLC

Date Collected: 06/26/17 16:20 Date Received: 06/29/17 07:00

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<1.0		1.0		ug/L			07/07/17 16:16	1
Chloromethane	<1.0		1.0		ug/L			07/07/17 16:16	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 16:16	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 16:16	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/07/17 16:16	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 16:16	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 16:16	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 16:16	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 16:16	1
Ethylbenzene	<1.0		1.0		ug/L			07/07/17 16:16	1
2-Hexanone	<25		25		ug/L			07/07/17 16:16	1
Methylene Chloride	<5.0		5.0		ug/L			07/07/17 16:16	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 16:16	1
Styrene	<1.0		1.0		ug/L			07/07/17 16:16	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 16:16	1
Tetrachloroethene	71		1.0		ug/L			07/07/17 16:16	1
Toluene	<1.0		1.0		ug/L			07/07/17 16:16	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 16:16	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 16:16	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 16:16	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 16:16	1
Trichloroethene	2.1		1.0		ug/L			07/07/17 16:16	1
Vinyl chloride	<1.0		1.0		ug/L			07/07/17 16:16	1
Xylenes, Total	<10		10		ug/L			07/07/17 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

67 - 134

80 - 120

90

94

Client Sample ID: EB-1

1,2-Dichloroethane-d4 (Surr)

Toluene-d8 (Surr)

Date Collected: 06/27/17 09:25 Date Received: 06/29/17 07:00

Lab Sample ID: 680-140434-13

07/07/17 16:16

07/07/17 16:16

Matrix: Water

Analyte	Result Q	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25		ug/L			07/07/17 16:41	1
Benzene	<1.0	1.0		ug/L			07/07/17 16:41	1
Bromoform	<5.0	5.0		ug/L			07/07/17 16:41	1
Bromomethane	<1.0	1.0		ug/L			07/07/17 16:41	1
2-Butanone (MEK)	<25	25		ug/L			07/07/17 16:41	1
Carbon disulfide	<1.0	1.0		ug/L			07/07/17 16:41	1
Carbon tetrachloride	<1.0	1.0		ug/L			07/07/17 16:41	1
Chlorobenzene	<1.0	1.0		ug/L			07/07/17 16:41	1
Chlorodibromomethane	<1.0	1.0		ug/L			07/07/17 16:41	1
Chloroethane	<1.0	1.0		ug/L			07/07/17 16:41	1
Chloroform	<1.0	1.0		ug/L			07/07/17 16:41	1
Chloromethane	<1.0	1.0		ug/L			07/07/17 16:41	1
cis-1,2-Dichloroethene	<1.0	1.0		ug/L			07/07/17 16:41	1
cis-1,3-Dichloropropene	<5.0	5.0		ug/L			07/07/17 16:41	1
Dichlorobromomethane	<1.0	1.0		ug/L			07/07/17 16:41	1

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7/12/2017

Project/Site: Ashland Alterman (Jonesboro)

Client: EHS Support, LLC

Client Sample ID: EB-1 Lab Sample ID: 680-140434-13

Date Collected: 06/27/17 09:25 Matrix: Water Date Received: 06/29/17 07:00

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 16:41	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 16:41	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 16:41	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 16:41	1
Ethylbenzene	<1.0		1.0		ug/L			07/07/17 16:41	1
2-Hexanone	<25		25		ug/L			07/07/17 16:41	1
Methylene Chloride	<5.0		5.0		ug/L			07/07/17 16:41	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 16:41	1
Styrene	<1.0		1.0		ug/L			07/07/17 16:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 16:41	1
Tetrachloroethene	<1.0		1.0		ug/L			07/07/17 16:41	1
Toluene	<1.0		1.0		ug/L			07/07/17 16:41	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 16:41	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 16:41	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 16:41	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 16:41	1
Trichloroethene	<1.0		1.0		ug/L			07/07/17 16:41	1
Vinyl chloride	<1.0		1.0		ug/L			07/07/17 16:41	1
Xylenes, Total	<10		10		ug/L			07/07/17 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134			-		07/07/17 16:41	1
Toluene-d8 (Surr)	95		80 - 120					07/07/17 16:41	1

Client Sample ID: MW-16A-LF Lab Sample ID: 680-140434-14 Date Collected: 06/27/17 11:20

Date Received: 06/29/17 07:00

Analyte	Result Q	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<130	130		ug/L			07/07/17 22:01	5
Benzene	<5.0	5.0		ug/L			07/07/17 22:01	5
Bromoform	<25	25		ug/L			07/07/17 22:01	5
Bromomethane	<5.0	5.0		ug/L			07/07/17 22:01	5
2-Butanone (MEK)	<130	130		ug/L			07/07/17 22:01	5
Carbon disulfide	<5.0	5.0		ug/L			07/07/17 22:01	5
Carbon tetrachloride	<5.0	5.0		ug/L			07/07/17 22:01	5
Chlorobenzene	<5.0	5.0		ug/L			07/07/17 22:01	5
Chlorodibromomethane	<5.0	5.0		ug/L			07/07/17 22:01	5
Chloroethane	<5.0	5.0		ug/L			07/07/17 22:01	5
Chloroform	<5.0	5.0		ug/L			07/07/17 22:01	5
Chloromethane	<5.0	5.0		ug/L			07/07/17 22:01	5
cis-1,2-Dichloroethene	260	5.0		ug/L			07/07/17 22:01	5
cis-1,3-Dichloropropene	<25	25		ug/L			07/07/17 22:01	5
Dichlorobromomethane	<5.0	5.0		ug/L			07/07/17 22:01	5
1,1-Dichloroethane	<5.0	5.0		ug/L			07/07/17 22:01	5
1,2-Dichloroethane	<5.0	5.0		ug/L			07/07/17 22:01	5
1,1-Dichloroethene	<5.0	5.0		ug/L			07/07/17 22:01	5
1,2-Dichloropropane	<5.0	5.0		ug/L			07/07/17 22:01	5
Ethylbenzene	<5.0	5.0		ug/L			07/07/17 22:01	5

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Matrix: Water

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-14

TestAmerica Job ID: 680-140434-1

Matrix: Water

Client Sample ID: MW-16A-LF

Date Collected: 06/27/17 11:20 Date Received: 06/29/17 07:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<130		130		ug/L			07/07/17 22:01	5
Methylene Chloride	<25		25		ug/L			07/07/17 22:01	5
4-Methyl-2-pentanone (MIBK)	<130		130		ug/L			07/07/17 22:01	5
Styrene	<5.0		5.0		ug/L			07/07/17 22:01	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			07/07/17 22:01	5
Tetrachloroethene	1000		5.0		ug/L			07/07/17 22:01	5
Toluene	<5.0		5.0		ug/L			07/07/17 22:01	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			07/07/17 22:01	5
trans-1,3-Dichloropropene	<25		25		ug/L			07/07/17 22:01	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			07/07/17 22:01	5
1,1,2-Trichloroethane	<25		25		ug/L			07/07/17 22:01	5
Trichloroethene	150		5.0		ug/L			07/07/17 22:01	5
Vinyl chloride	<5.0		5.0		ug/L			07/07/17 22:01	5
Xylenes, Total	<50		50		ug/L			07/07/17 22:01	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134			-		07/07/17 22:01	5
Toluene-d8 (Surr)	91		80 - 120					07/07/17 22:01	5

Client Sample ID: MW-16B-LF

Lab Sample ID: 680-140434-15

Date Collected: 06/27/17 10:25 Matrix: Water

Date Received: 06/29/17 07:00

Analyte	Result (Qualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<130	130		ug/L			07/07/17 22:25	5
Benzene	<5.0	5.0		ug/L			07/07/17 22:25	5
Bromoform	<25	25		ug/L			07/07/17 22:25	5
Bromomethane	<5.0	5.0		ug/L			07/07/17 22:25	5
2-Butanone (MEK)	<130	130		ug/L			07/07/17 22:25	5
Carbon disulfide	<5.0	5.0		ug/L			07/07/17 22:25	5
Carbon tetrachloride	<5.0	5.0		ug/L			07/07/17 22:25	5
Chlorobenzene	<5.0	5.0		ug/L			07/07/17 22:25	5
Chlorodibromomethane	<5.0	5.0		ug/L			07/07/17 22:25	5
Chloroethane	<5.0	5.0		ug/L			07/07/17 22:25	5
Chloroform	<5.0	5.0		ug/L			07/07/17 22:25	5
Chloromethane	<5.0	5.0		ug/L			07/07/17 22:25	5
cis-1,2-Dichloroethene	260	5.0		ug/L			07/07/17 22:25	5
cis-1,3-Dichloropropene	<25	25		ug/L			07/07/17 22:25	5
Dichlorobromomethane	<5.0	5.0		ug/L			07/07/17 22:25	5
1,1-Dichloroethane	<5.0	5.0		ug/L			07/07/17 22:25	5
1,2-Dichloroethane	<5.0	5.0		ug/L			07/07/17 22:25	5
1,1-Dichloroethene	<5.0	5.0		ug/L			07/07/17 22:25	5
1,2-Dichloropropane	<5.0	5.0		ug/L			07/07/17 22:25	5
Ethylbenzene	<5.0	5.0		ug/L			07/07/17 22:25	5
2-Hexanone	<130	130		ug/L			07/07/17 22:25	5
Methylene Chloride	<25	25		ug/L			07/07/17 22:25	5
4-Methyl-2-pentanone (MIBK)	<130	130		ug/L			07/07/17 22:25	5
Styrene	<5.0	5.0		ug/L			07/07/17 22:25	5
1,1,2,2-Tetrachloroethane	<5.0	5.0		ug/L			07/07/17 22:25	5

TestAmerica Savannah

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9

11

13

14

II e

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Client Sample ID: MW-16B-LF

Date Received: 06/29/17 07:00

1,2-Dichloroethane-d4 (Surr)

Toluene-d8 (Surr)

Lab Sample ID: 680-140434-15 Date Collected: 06/27/17 10:25

Matrix: Water

07/07/17 22:25

07/07/17 22:25

89

92

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	940	5.0		ug/L			07/07/17 22:25	5
Toluene	<5.0	5.0		ug/L			07/07/17 22:25	5
trans-1,2-Dichloroethene	5.9	5.0		ug/L			07/07/17 22:25	5
trans-1,3-Dichloropropene	<25	25		ug/L			07/07/17 22:25	5
1,1,1-Trichloroethane	<5.0	5.0		ug/L			07/07/17 22:25	5
1,1,2-Trichloroethane	<25	25		ug/L			07/07/17 22:25	5
Trichloroethene	110	5.0		ug/L			07/07/17 22:25	5
Vinyl chloride	<5.0	5.0		ug/L			07/07/17 22:25	5
Xylenes, Total	<50	50		ug/L			07/07/17 22:25	5
Surrogate	%Recovery Qualifier	Limits				Prepared	Analvzed	Dil Fac

Client Sample ID: OF-1 Lab Sample ID: 680-140434-16

67 - 134

80 - 120

Date Collected: 06/27/17 11:40 Matrix: Water Date Received: 06/29/17 07:00

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	25	ug/L			07/07/17 17:05	1
Benzene	<1.0	1.0	ug/L			07/07/17 17:05	1
Bromoform	<5.0	5.0	ug/L			07/07/17 17:05	1
Bromomethane	<1.0	1.0	ug/L			07/07/17 17:05	1
2-Butanone (MEK)	<25	25	ug/L			07/07/17 17:05	1
Carbon disulfide	<1.0	1.0	ug/L			07/07/17 17:05	1
Carbon tetrachloride	<1.0	1.0	ug/L			07/07/17 17:05	1
Chlorobenzene	<1.0	1.0	ug/L			07/07/17 17:05	1
Chlorodibromomethane	<1.0	1.0	ug/L			07/07/17 17:05	1
Chloroethane	<1.0	1.0	ug/L			07/07/17 17:05	1
Chloroform	<1.0	1.0	ug/L			07/07/17 17:05	1
Chloromethane	<1.0	1.0	ug/L			07/07/17 17:05	1
cis-1,2-Dichloroethene	8.0	1.0	ug/L			07/07/17 17:05	1
cis-1,3-Dichloropropene	<5.0	5.0	ug/L			07/07/17 17:05	1
Dichlorobromomethane	<1.0	1.0	ug/L			07/07/17 17:05	1
1,1-Dichloroethane	<1.0	1.0	ug/L			07/07/17 17:05	1
1,2-Dichloroethane	<1.0	1.0	ug/L			07/07/17 17:05	1
1,1-Dichloroethene	<1.0	1.0	ug/L			07/07/17 17:05	1
1,2-Dichloropropane	<1.0	1.0	ug/L			07/07/17 17:05	1
Ethylbenzene	<1.0	1.0	ug/L			07/07/17 17:05	1
2-Hexanone	<25	25	ug/L			07/07/17 17:05	1
Methylene Chloride	<5.0	5.0	ug/L			07/07/17 17:05	1
4-Methyl-2-pentanone (MIBK)	<25	25	ug/L			07/07/17 17:05	1
Styrene	<1.0	1.0	ug/L			07/07/17 17:05	1
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L			07/07/17 17:05	1
Tetrachloroethene	94	1.0	ug/L			07/07/17 17:05	1
Toluene	<1.0	1.0	ug/L			07/07/17 17:05	1
trans-1,2-Dichloroethene	<1.0	1.0	ug/L			07/07/17 17:05	1
trans-1,3-Dichloropropene	<5.0	5.0	ug/L			07/07/17 17:05	1
1,1,1-Trichloroethane	<1.0	1.0	ug/L			07/07/17 17:05	1

TestAmerica Savannah

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-16

TestAmerica Job ID: 680-140434-1

Matrix: Water

Client Sample ID: OF-1

Date Collected: 06/27/17 11:40 Date Received: 06/29/17 07:00

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

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<5.0	5.0	ug/L			07/07/17 17:05	1
Trichloroethene	14	1.0	ug/L			07/07/17 17:05	1
Vinyl chloride	<1.0	1.0	ug/L			07/07/17 17:05	1
Xylenes, Total	<10	10	ug/L			07/07/17 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		67 - 134		07/07/17 17:05	1
Toluene-d8 (Surr)	93		80 - 120		07/07/17 17:05	1

Client Sample ID: SS-1

Date Collected: 06/27/17 11:45

Date Received: 06/29/17 07:00

Xylenes, Total

Lab Sample ID: 680-140434-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Un	it	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25	ug/	/L			07/07/17 17:30	1
Benzene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Bromoform	<5.0		5.0	ug/	/L			07/07/17 17:30	1
Bromomethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
2-Butanone (MEK)	<25		25	ug/	/L			07/07/17 17:30	1
Carbon disulfide	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Carbon tetrachloride	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Chlorobenzene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Chlorodibromomethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Chloroethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Chloroform	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Chloromethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
cis-1,2-Dichloroethene	5.4		1.0	ug/	/L			07/07/17 17:30	1
cis-1,3-Dichloropropene	<5.0		5.0	ug/	/L			07/07/17 17:30	1
Dichlorobromomethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,1-Dichloroethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,2-Dichloroethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,1-Dichloroethene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,2-Dichloropropane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Ethylbenzene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
2-Hexanone	<25		25	ug/	/L			07/07/17 17:30	1
Methylene Chloride	<5.0		5.0	ug/	/L			07/07/17 17:30	1
4-Methyl-2-pentanone (MIBK)	<25		25	ug/	/L			07/07/17 17:30	1
Styrene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
Tetrachloroethene	46		1.0	ug/	/L			07/07/17 17:30	1
Toluene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/	/L			07/07/17 17:30	1
trans-1,3-Dichloropropene	<5.0		5.0	ug/	/L			07/07/17 17:30	1
1,1,1-Trichloroethane	<1.0		1.0	ug/	/L			07/07/17 17:30	1
1,1,2-Trichloroethane	<5.0		5.0	ug/	/L			07/07/17 17:30	1
Trichloroethene	5.7		1.0	ug/	/L			07/07/17 17:30	1
Vinyl chloride	<1.0		1.0	ug/	/L			07/07/17 17:30	1
.,-,									

TestAmerica Savannah

07/07/17 17:30

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ug/L

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-17

TestAmerica Job ID: 680-140434-1

Matrix: Water

Client Sample ID: SS-1 Date Collected: 06/27/17 11:45 Date Received: 06/29/17 07:00

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1,2-Dichloroethane-d4 (Surr)	90		67 - 134		07/07/17 17:30	1
l	Toluene-d8 (Surr)	92		80 - 120		07/07/17 17:30	1

Client Sample ID: SS-2 Lab Sample ID: 680-140434-18

Date Collected: 06/27/17 11:50 **Matrix: Water**

Date Received: 06/29/17 07:00

Toluene-d8 (Surr)

Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Acetone	<25		25	ug/L		07/07/17 17:55	1
Benzene	<1.0		1.0	ug/L		07/07/17 17:55	1
Bromoform	<5.0		5.0	ug/L		07/07/17 17:55	1
Bromomethane	<1.0		1.0	ug/L		07/07/17 17:55	1
2-Butanone (MEK)	<25		25	ug/L		07/07/17 17:55	1
Carbon disulfide	<1.0		1.0	ug/L		07/07/17 17:55	1
Carbon tetrachloride	<1.0		1.0	ug/L		07/07/17 17:55	1
Chlorobenzene	<1.0		1.0	ug/L		07/07/17 17:55	1
Chlorodibromomethane	<1.0		1.0	ug/L		07/07/17 17:55	1
Chloroethane	<1.0		1.0	ug/L		07/07/17 17:55	1
Chloroform	<1.0		1.0	ug/L		07/07/17 17:55	1
Chloromethane	<1.0		1.0	ug/L		07/07/17 17:55	1
cis-1,2-Dichloroethene	2.4		1.0	ug/L		07/07/17 17:55	1
cis-1,3-Dichloropropene	<5.0		5.0	ug/L		07/07/17 17:55	1
Dichlorobromomethane	<1.0		1.0	ug/L		07/07/17 17:55	1
1,1-Dichloroethane	<1.0		1.0	ug/L		07/07/17 17:55	1
1,2-Dichloroethane	<1.0		1.0	ug/L		07/07/17 17:55	1
1,1-Dichloroethene	<1.0		1.0	ug/L		07/07/17 17:55	1
1,2-Dichloropropane	<1.0		1.0	ug/L		07/07/17 17:55	1
Ethylbenzene	<1.0		1.0	ug/L		07/07/17 17:55	1
2-Hexanone	<25		25	ug/L		07/07/17 17:55	1
Methylene Chloride	<5.0		5.0	ug/L		07/07/17 17:55	1
4-Methyl-2-pentanone (MIBK)	<25		25	ug/L		07/07/17 17:55	1
Styrene	<1.0		1.0	ug/L		07/07/17 17:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		07/07/17 17:55	1
Tetrachloroethene	34		1.0	ug/L		07/07/17 17:55	1
Toluene	<1.0		1.0	ug/L		07/07/17 17:55	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		07/07/17 17:55	1
trans-1,3-Dichloropropene	<5.0		5.0	ug/L		07/07/17 17:55	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L		07/07/17 17:55	1
1,1,2-Trichloroethane	<5.0		5.0	ug/L		07/07/17 17:55	1
Trichloroethene	2.9		1.0	ug/L		07/07/17 17:55	1
Vinyl chloride	<1.0		1.0	ug/L		07/07/17 17:55	1
Xylenes, Total	<10		10	ug/L		07/07/17 17:55	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		67 - 134			07/07/17 17:55	1

TestAmerica Savannah

07/07/17 17:55

80 - 120

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: SS-3 Lab Sample ID: 680-140434-19

Date Collected: 06/27/17 12:14 Matrix: Water Date Received: 06/29/17 07:00

Method: 8260B - Volatile Organic Compounds (GC/MS) Result Qualifier RL **MDL** Unit D Dil Fac Analyte Prepared Analyzed Acetone <25 25 07/07/17 18:19 ug/L ug/L Benzene <1.0 1.0 07/07/17 18:19 Bromoform <5.0 5.0 ug/L 07/07/17 18:19 Bromomethane <1.0 1.0 ug/L 07/07/17 18:19 2-Butanone (MEK) <25 25 ug/L 07/07/17 18:19 ug/L Carbon disulfide <1.0 1.0 07/07/17 18:19 Carbon tetrachloride <1.0 1.0 ug/L 07/07/17 18:19 Chlorobenzene <1.0 1.0 ug/L 07/07/17 18:19 Chlorodibromomethane <1.0 1.0 ug/L 07/07/17 18:19 Chloroethane <1.0 1.0 ug/L 07/07/17 18:19 Chloroform <1.0 1.0 ug/L 07/07/17 18:19 Chloromethane ug/L <1.0 1.0 07/07/17 18:19 cis-1,2-Dichloroethene 1.4 10 ug/L 07/07/17 18:19 cis-1,3-Dichloropropene 5.0 ug/L 07/07/17 18:19 Dichlorobromomethane <1.0 1.0 ug/L 07/07/17 18:19 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 18:19 1.2-Dichloroethane <1.0 1.0 ug/L 07/07/17 18:19 1,1-Dichloroethene <1.0 1.0 ug/L 07/07/17 18:19 ug/L 1,2-Dichloropropane 1.0 07/07/17 18:19 <1.0 Ethylbenzene <1.0 1.0 ug/L 07/07/17 18:19 2-Hexanone <25 25 ug/L 07/07/17 18:19 5.0 ug/L Methylene Chloride <5.0 07/07/17 18:19 4-Methyl-2-pentanone (MIBK) <25 25 ug/L 07/07/17 18:19 Styrene <1.0 1.0 ug/L 07/07/17 18:19 1,1,2,2-Tetrachloroethane <1.0 1.0 ug/L 07/07/17 18:19 ug/L 1.0 07/07/17 18:19 Tetrachloroethene 17 Toluene <1.0 1.0 ug/L 07/07/17 18:19 ug/L trans-1.2-Dichloroethene <1.0 1.0 07/07/17 18:19 trans-1,3-Dichloropropene <5.0 5.0 ug/L 07/07/17 18:19 1.0 ug/L 1,1,1-Trichloroethane <1.0 07/07/17 18:19 1,1,2-Trichloroethane <5.0 5.0 ug/L 07/07/17 18:19 **Trichloroethene** 1.0 ug/L 07/07/17 18:19 1.8 Vinyl chloride <1.0 1.0 ug/L 07/07/17 18:19 Xylenes, Total <10 10 ug/L 07/07/17 18:19 Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed 1,2-Dichloroethane-d4 (Surr) 90 67 - 134 07/07/17 18:19 Toluene-d8 (Surr) 93 80 - 120 07/07/17 18:19

Client Sample ID: TRIP BLANK Lab Sample ID: 680-140434-20 Date Collected: 06/27/17 13:00 Matrix: Water

Date Received: 06/29/17 07:00

Method: 8260B - Volatile Orga	nic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/07/17 18:44	1
Benzene	<1.0		1.0		ug/L			07/07/17 18:44	1
Bromoform	<5.0		5.0		ug/L			07/07/17 18:44	1
Bromomethane	<1.0		1.0		ug/L			07/07/17 18:44	1
2-Butanone (MEK)	<25		25		ug/L			07/07/17 18:44	1

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TestAmerica Job ID: 680-140434-1

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Client Sample ID: TRIP BLANK

Date Received: 06/29/17 07:00

Lab Sample ID: 680-140434-20 Date Collected: 06/27/17 13:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.0		1.0	ug/L			07/07/17 18:44	1
Carbon tetrachloride	<1.0		1.0	ug/L			07/07/17 18:44	1
Chlorobenzene	<1.0		1.0	ug/L			07/07/17 18:44	1
Chlorodibromomethane	<1.0		1.0	ug/L			07/07/17 18:44	1
Chloroethane	<1.0		1.0	ug/L			07/07/17 18:44	1
Chloroform	<1.0		1.0	ug/L			07/07/17 18:44	1
Chloromethane	<1.0		1.0	ug/L			07/07/17 18:44	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			07/07/17 18:44	1
cis-1,3-Dichloropropene	<5.0		5.0	ug/L			07/07/17 18:44	1
Dichlorobromomethane	<1.0		1.0	ug/L			07/07/17 18:44	1
1,1-Dichloroethane	<1.0		1.0	ug/L			07/07/17 18:44	1
1,2-Dichloroethane	<1.0		1.0	ug/L			07/07/17 18:44	1
1,1-Dichloroethene	<1.0		1.0	ug/L			07/07/17 18:44	1
1,2-Dichloropropane	<1.0		1.0	ug/L			07/07/17 18:44	1
Ethylbenzene	<1.0		1.0	ug/L			07/07/17 18:44	1
2-Hexanone	<25		25	ug/L			07/07/17 18:44	1
Methylene Chloride	<5.0		5.0	ug/L			07/07/17 18:44	1
4-Methyl-2-pentanone (MIBK)	<25		25	ug/L			07/07/17 18:44	1
Styrene	<1.0		1.0	ug/L			07/07/17 18:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			07/07/17 18:44	1
Tetrachloroethene	<1.0		1.0	ug/L			07/07/17 18:44	1
Toluene	<1.0		1.0	ug/L			07/07/17 18:44	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			07/07/17 18:44	1
trans-1,3-Dichloropropene	<5.0		5.0	ug/L			07/07/17 18:44	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			07/07/17 18:44	1
1,1,2-Trichloroethane	<5.0		5.0	ug/L			07/07/17 18:44	1
Trichloroethene	<1.0		1.0	ug/L			07/07/17 18:44	1
Vinyl chloride	<1.0		1.0	ug/L			07/07/17 18:44	1
Xylenes, Total	<10		10	ug/L			07/07/17 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		67 - 134		-		07/07/17 18:44	1
Toluene-d8 (Surr)	94		80 - 120				07/07/17 18:44	1

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Surrogate Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

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

Matrix: Water Prep Type: Total/NA

		12DCE	TOL	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(67-134)	(80-120)	
680-140434-1	MW-13B	87	95	
680-140434-1 MS	MW-13B	86	93	
680-140434-1 MSD	MW-13B	88	93	
680-140434-2	MW-13A	85	94	
680-140434-3	MW-19D	83	93	
680-140434-4	MW-19C	89	91	
680-140434-5	MW-19B	89	93	
680-140434-6	MW-16B	88	93	
680-140434-7	MW-16C	87	93	
680-140434-8	MW-16A	87	94	
680-140434-9	MW-20C	91	88	
680-140434-10	MW-15A	87	93	
680-140434-11	MW-15B	88	92	
680-140434-12	DUP-1	90	94	
680-140434-13	EB-1	89	95	
680-140434-14	MW-16A-LF	89	91	
680-140434-15	MW-16B-LF	89	92	
680-140434-16	OF-1	88	93	
680-140434-17	SS-1	90	92	
680-140434-18	SS-2	90	93	
680-140434-19	SS-3	90	93	
680-140434-20	TRIP BLANK	88	94	
LCS 400-359612/1002	Lab Control Sample	89	93	
LCS 400-359751/1002	Lab Control Sample	87	92	
MB 400-359612/4	Method Blank	91	93	
MB 400-359751/4	Method Blank	89	93	

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

TestAmerica Savannah

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: MB 400-359612/4

Matrix: Water

Analysis Batch: 359612

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyze Result Qualifier RL MDL Unit D Prepared Analyzed Acetone <25 25 ug/L 07/07/17 13:00 Benzene <1.0 1.0 ug/L 07/07/17 13:00 Bromoform <5.0 5.0 ug/L 07/07/17 13:00 Bromomethane <1.0 ug/L 07/07/17 13:00 Bromomethane <1.0 ug/L 07/07/17 13:00 Carbon disulfide <1.0 1.0 ug/L 07/07/17 13:00 Carbon tetrachloride <1.0 1.0 ug/L 07/07/17 13:00 Chloroethane <1.0 1.0 ug/L 07/07/17		MB	MB							
Benzene <1.0	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform < 5.0 5.0 ug/L 07/07/17 13:00 Bromomethane < 1.0	Acetone	<25		25		ug/L			07/07/17 13:00	1
Bromomethane	Benzene	<1.0		1.0		ug/L			07/07/17 13:00	1
2-Butanone (MEK) <25 25 ug/L 07/07/17 13:00 Carbon disulfide <1.0	Bromoform	<5.0		5.0		ug/L			07/07/17 13:00	1
Carbon disulfide <1.0 uy/L 07/07/17 13:00 Carbon tetrachloride <1.0	Bromomethane	<1.0		1.0		ug/L			07/07/17 13:00	1
Carbon tetrachloride <1.0	2-Butanone (MEK)	<25		25		ug/L			07/07/17 13:00	1
Chlorobenzene < 1.0 1.0 ug/L 07/07/17 13:00 Chlorodibromomethane < 1.0	Carbon disulfide	<1.0		1.0		ug/L			07/07/17 13:00	1
Chlorodibromomethane <1.0 1.0 ug/L 07/07/17 13:00 Chloroethane <1.0 1.0 ug/L 07/07/17 13:00 Chloroform <1.0 1.0 ug/L 07/07/17 13:00 Chloromethane <1.0 1.0 ug/L 07/07/17 13:00 cis-1,2-Dichloroethene <1.0 1.0 ug/L 07/07/17 13:00 cis-1,3-Dichloropropene <5.0 5.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 2-Hexanone <1.0 1.0 ug/L 07/07/17 13:00 2-Hexanone <25 25 ug/L 07/07/17 13:00 4-Methyl-2-pentanone (MIBK) <25 25 <td>Carbon tetrachloride</td> <td><1.0</td> <td></td> <td>1.0</td> <td></td> <td>ug/L</td> <td></td> <td></td> <td>07/07/17 13:00</td> <td>1</td>	Carbon tetrachloride	<1.0		1.0		ug/L			07/07/17 13:00	1
Chloroethane <1.0 1.0 ug/L 07/07/17 13:00 Chloroform <1.0 1.0 ug/L 07/07/17 13:00 Chloromethane <1.0 1.0 ug/L 07/07/17 13:00 cis-1,2-Dichloroethene <1.0 1.0 ug/L 07/07/17 13:00 cis-1,3-Dichloropropene <5.0 5.0 ug/L 07/07/17 13:00 Dichlorobromomethane <1.0 1.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 Ethylbenzene <1.0 1.0 ug/L 07/07/17 13:00 Ethylbenzene <1.0 1.0 <td>Chlorobenzene</td> <td><1.0</td> <td></td> <td>1.0</td> <td></td> <td>ug/L</td> <td></td> <td></td> <td>07/07/17 13:00</td> <td>1</td>	Chlorobenzene	<1.0		1.0		ug/L			07/07/17 13:00	1
Chloroform <1.0 1.0 ug/L 07/07/17 13:00 Chloromethane <1.0 1.0 ug/L 07/07/17 13:00 cis-1,3-Dichloroethene <1.0 1.0 ug/L 07/07/17 13:00 cis-1,3-Dichloropropene <5.0 5.0 ug/L 07/07/17 13:00 Dichlorobromomethane <1.0 1.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroethane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 1,2-Dichloroptopane <1.0 1.0 ug/L 07/07/17 13:00 2-Hexanone <1.0 1.0 ug/L 07/07/17 13:00 2-Hexanone <25 25 ug/L 07/07/17 13:00 Methylene Chloride <5.0 5.0 <td>Chlorodibromomethane</td> <td><1.0</td> <td></td> <td>1.0</td> <td></td> <td>ug/L</td> <td></td> <td></td> <td>07/07/17 13:00</td> <td>1</td>	Chlorodibromomethane	<1.0		1.0		ug/L			07/07/17 13:00	1
Chloromethane <1.0 1.0 ug/L 07/07/17 13:00 cis-1,2-Dichloroethene <1.0	Chloroethane	<1.0		1.0		ug/L			07/07/17 13:00	1
cis-1,2-Dichloroethene <1.0	Chloroform	<1.0		1.0		ug/L			07/07/17 13:00	1
cis-1,3-Dichloropropene <5.0	Chloromethane	<1.0		1.0		ug/L			07/07/17 13:00	1
Dichlorobromomethane <1.0 1.0 ug/L 07/07/17 13:00 1,1-Dichloroethane <1.0	cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 13:00	1
1,1-Dichloroethane <1.0	cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 13:00	1
1,2-Dichloroethane <1.0	Dichlorobromomethane	<1.0		1.0		ug/L			07/07/17 13:00	1
1,1-Dichloroethene <1.0	1,1-Dichloroethane	<1.0		1.0		ug/L			07/07/17 13:00	1
1,2-Dichloropropane <1.0	1,2-Dichloroethane	<1.0		1.0		ug/L			07/07/17 13:00	1
Ethylbenzene <1.0 1.0 ug/L 07/07/17 13:00 2-Hexanone <25	1,1-Dichloroethene	<1.0		1.0		ug/L			07/07/17 13:00	1
2-Hexanone <25	1,2-Dichloropropane	<1.0		1.0		ug/L			07/07/17 13:00	1
Methylene Chloride <5.0 5.0 ug/L 07/07/17 13:00 4-Methyl-2-pentanone (MIBK) <25	Ethylbenzene	<1.0		1.0		ug/L			07/07/17 13:00	1
4-Methyl-2-pentanone (MIBK) <25	2-Hexanone	<25		25		ug/L			07/07/17 13:00	1
Styrene <1.0 1.0 ug/L 07/07/17 13:00 1,1,2,2-Tetrachloroethane <1.0	Methylene Chloride	<5.0		5.0		ug/L			07/07/17 13:00	1
1,1,2,2-Tetrachloroethane <1.0	4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/07/17 13:00	1
Tetrachloroethene <1.0 1.0 ug/L 07/07/17 13:00 Toluene <1.0	Styrene	<1.0		1.0		ug/L			07/07/17 13:00	1
Toluene <1.0 1.0 ug/L 07/07/17 13:00 trans-1,2-Dichloroethene <1.0	1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/07/17 13:00	1
trans-1,2-Dichloroethene <1.0	Tetrachloroethene	<1.0		1.0		ug/L			07/07/17 13:00	1
trans-1,3-Dichloropropene <5.0	Toluene	<1.0		1.0		ug/L			07/07/17 13:00	1
1,1,1-Trichloroethane <1.0	trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/07/17 13:00	1
1,1,2-Trichloroethane <5.0	trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/07/17 13:00	1
Trichloroethene <1.0 1.0 ug/L 07/07/17 13:00 Vinyl chloride <1.0	1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/07/17 13:00	1
Vinyl chloride <1.0 1.0 ug/L 07/07/17 13:00	1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/07/17 13:00	1
· · · · · · · · · · · · · · · · · · ·	Trichloroethene	<1.0		1.0		ug/L			07/07/17 13:00	1
Xylenes, Total <10 10 ug/L 07/07/17 13:00	Vinyl chloride	<1.0		1.0		ug/L			07/07/17 13:00	1
	Xylenes, Total	<10		10		ug/L			07/07/17 13:00	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		67 - 134		07/07/17 13:00	1
Toluene-d8 (Surr)	93		80 - 120		07/07/17 13:00	1

Lab Sample ID: LCS 400-359612/1002

Matrix: Water

Analysis Batch: 359612

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Acetone	200	173		ug/L		86	43 - 160		
Benzene	50.0	52.0		ug/L		104	70 - 130		
Bromoform	50.0	40.6		ug/L		81	57 ₋ 140		
Bromomethane	50.0	73.2		ug/L		146	10 - 160		

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: LCS 400-359612/1002

Matrix: Water

Analysis Batch: 359612

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
2-Butanone (MEK)	200	199		ug/L		100	61 - 145
Carbon disulfide	50.0	44.7		ug/L		89	61 ₋ 137
Carbon tetrachloride	50.0	51.6		ug/L		103	61 _ 137
Chlorobenzene	50.0	50.1		ug/L		100	70 - 130
Chlorodibromomethane	50.0	45.3		ug/L		91	67 _ 135
Chloroethane	50.0	51.5		ug/L		103	55 - 141
Chloroform	50.0	50.6		ug/L		101	69 - 130
Chloromethane	50.0	43.1		ug/L		86	58 ₋ 137
cis-1,2-Dichloroethene	50.0	47.3		ug/L		95	68 - 130
cis-1,3-Dichloropropene	50.0	47.7		ug/L		95	69 - 132
Dichlorobromomethane	50.0	46.9		ug/L		94	67 - 133
1,1-Dichloroethane	50.0	47.9		ug/L		96	70 - 130
1,2-Dichloroethane	50.0	46.3		ug/L		93	69 - 130
1,1-Dichloroethene	50.0	55.9		ug/L		112	63 - 134
1,2-Dichloropropane	50.0	48.1		ug/L		96	70 - 130
Ethylbenzene	50.0	48.2		ug/L		96	70 - 130
2-Hexanone	200	156		ug/L		78	65 - 137
Methylene Chloride	50.0	51.1		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	173		ug/L		86	69 - 138
Styrene	50.0	49.0		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.2		ug/L		88	70 - 131
Tetrachloroethene	50.0	49.7		ug/L		99	65 - 130
Toluene	50.0	48.2		ug/L		96	70 - 130
trans-1,2-Dichloroethene	50.0	52.8		ug/L		106	70 - 130
trans-1,3-Dichloropropene	50.0	41.2		ug/L		82	63 - 130
1,1,1-Trichloroethane	50.0	51.7		ug/L		103	68 - 130
1,1,2-Trichloroethane	50.0	45.6		ug/L		91	70 - 130
Trichloroethene	50.0	56.5		ug/L		113	70 - 130
Vinyl chloride	50.0	49.4		ug/L		99	59 - 136
Xylenes, Total	100	95.5		ug/L		96	70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		67 - 134
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: 680-140434-1 MS

Matrix: Water

Analysis Batch: 359612

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Acetone	<25		200	148		ug/L		74	43 - 160	
Benzene	<1.0		50.0	48.8		ug/L		98	56 - 142	
Bromoform	<5.0		50.0	38.0		ug/L		76	50 - 140	
Bromomethane	<1.0	F1	50.0	71.6		ug/L		143	10 - 160	
2-Butanone (MEK)	<25		200	191		ug/L		96	55 - 150	
Carbon disulfide	<1.0		50.0	41.2		ug/L		82	48 - 152	
Carbon tetrachloride	<1.0		50.0	48.4		ug/L		97	55 - 145	
Chlorobenzene	<1.0		50.0	46.9		ug/L		94	64 - 130	

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Client Sample ID: MW-13B

Prep Type: Total/NA

TestAmerica Job ID: 680-140434-1

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: 680-140434-1 MS

Matrix: Water

Analysis Batch: 359612

Client Sample ID: MW-13B

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chlorodibromomethane	<1.0		50.0	42.1		ug/L		84	56 - 143
Chloroethane	<1.0		50.0	47.7		ug/L		95	50 _ 151
Chloroform	<1.0		50.0	46.8		ug/L		94	60 - 141
Chloromethane	<1.0		50.0	40.3		ug/L		81	49 - 148
cis-1,2-Dichloroethene	64		50.0	113		ug/L		99	59 ₋ 143
cis-1,3-Dichloropropene	<5.0		50.0	43.8		ug/L		88	57 - 140
Dichlorobromomethane	<1.0		50.0	42.7		ug/L		85	59 - 143
1,1-Dichloroethane	<1.0		50.0	45.0		ug/L		90	61 - 144
1,2-Dichloroethane	<1.0		50.0	43.6		ug/L		87	60 - 141
1,1-Dichloroethene	<1.0		50.0	52.2		ug/L		104	54 - 147
1,2-Dichloropropane	<1.0		50.0	44.8		ug/L		90	66 - 137
Ethylbenzene	<1.0		50.0	45.4		ug/L		91	58 - 131
2-Hexanone	<25		200	142		ug/L		71	65 - 140
Methylene Chloride	<5.0		50.0	46.7		ug/L		93	60 - 146
4-Methyl-2-pentanone (MIBK)	<25		200	158		ug/L		79	63 - 146
Styrene	<1.0		50.0	45.9		ug/L		92	58 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	42.3		ug/L		85	66 - 135
Tetrachloroethene	53		50.0	99.1		ug/L		92	52 - 133
Toluene	<1.0		50.0	45.1		ug/L		90	65 - 130
trans-1,2-Dichloroethene	<1.0		50.0	51.2		ug/L		101	61 - 143
trans-1,3-Dichloropropene	<5.0		50.0	39.4		ug/L		79	53 - 133
1,1,1-Trichloroethane	<1.0		50.0	48.0		ug/L		96	57 - 142
1,1,2-Trichloroethane	<5.0		50.0	42.4		ug/L		85	66 - 131
Trichloroethene	12		50.0	66.2		ug/L		108	64 - 136
Vinyl chloride	<1.0		50.0	46.8		ug/L		94	46 - 152
Xylenes, Total	<10		100	89.5		ug/L		89	59 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86	67 - 134
Toluene-d8 (Surr)	93	80 - 120

Lab Sample ID: 680-140434-1 MSD

Matrix: Water

Analysis Batch: 359612

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	<25		200	161		ug/L		81	43 - 160	9	30
Benzene	<1.0		50.0	51.8		ug/L		104	56 - 142	6	30
Bromoform	<5.0		50.0	41.8		ug/L		84	50 - 140	10	30
Bromomethane	<1.0	F1	50.0	90.8	F1	ug/L		182	10 - 160	24	50
2-Butanone (MEK)	<25		200	209		ug/L		104	55 - 150	9	30
Carbon disulfide	<1.0		50.0	44.3		ug/L		89	48 - 152	7	30
Carbon tetrachloride	<1.0		50.0	51.9		ug/L		104	55 - 145	7	30
Chlorobenzene	<1.0		50.0	50.3		ug/L		101	64 - 130	7	30
Chlorodibromomethane	<1.0		50.0	44.8		ug/L		90	56 - 143	6	30
Chloroethane	<1.0		50.0	54.1		ug/L		108	50 - 151	13	30
Chloroform	<1.0		50.0	49.8		ug/L		100	60 - 141	6	30
Chloromethane	<1.0		50.0	46.0		ug/L		92	49 - 148	13	31

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Client Sample ID: MW-13B

Prep Type: Total/NA

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Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: 680-140434-1 MSD

Matrix: Water

Analysis Batch: 359612

Client Sample ID: MW-13B Prep Type: Total/NA

7 maryolo Batom 600012	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
cis-1,2-Dichloroethene	64		50.0	116	_	ug/L		103	59 - 143	2	30
cis-1,3-Dichloropropene	<5.0		50.0	47.3		ug/L		95	57 - 140	8	30
Dichlorobromomethane	<1.0		50.0	45.3		ug/L		91	59 - 143	6	30
1,1-Dichloroethane	<1.0		50.0	48.3		ug/L		97	61 - 144	7	30
1,2-Dichloroethane	<1.0		50.0	45.9		ug/L		92	60 - 141	5	30
1,1-Dichloroethene	<1.0		50.0	55.4		ug/L		111	54 - 147	6	30
1,2-Dichloropropane	<1.0		50.0	47.6		ug/L		95	66 - 137	6	30
Ethylbenzene	<1.0		50.0	47.9		ug/L		96	58 - 131	5	30
2-Hexanone	<25		200	155		ug/L		78	65 - 140	9	30
Methylene Chloride	<5.0		50.0	50.8		ug/L		102	60 - 146	9	32
4-Methyl-2-pentanone (MIBK)	<25		200	171		ug/L		86	63 - 146	8	30
Styrene	<1.0		50.0	48.6		ug/L		97	58 - 131	6	30
1,1,2,2-Tetrachloroethane	<1.0		50.0	45.6		ug/L		91	66 - 135	8	30
Tetrachloroethene	53		50.0	101		ug/L		95	52 - 133	2	30
Toluene	<1.0		50.0	48.2		ug/L		96	65 - 130	7	30
trans-1,2-Dichloroethene	<1.0		50.0	54.0		ug/L		106	61 - 143	5	30
trans-1,3-Dichloropropene	<5.0		50.0	41.0		ug/L		82	53 - 133	4	30
1,1,1-Trichloroethane	<1.0		50.0	51.0		ug/L		102	57 - 142	6	30
1,1,2-Trichloroethane	<5.0		50.0	45.7		ug/L		91	66 - 131	7	30
Trichloroethene	12		50.0	69.6		ug/L		114	64 - 136	5	30
Vinyl chloride	<1.0		50.0	52.7		ug/L		105	46 - 152	12	30
Xylenes, Total	<10		100	95.1		ug/L		95	59 - 130	6	30

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88	67 - 134
Toluene-d8 (Surr)	93	80 120

Lab Sample ID: MB 400-359751/4

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Method Blank

Prep Type: Total/NA

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/08/17 09:06	1
Benzene	<1.0		1.0		ug/L			07/08/17 09:06	1
Bromoform	<5.0		5.0		ug/L			07/08/17 09:06	1
Bromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
2-Butanone (MEK)	<25		25		ug/L			07/08/17 09:06	1
Carbon disulfide	<1.0		1.0		ug/L			07/08/17 09:06	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/08/17 09:06	1
Chlorobenzene	<1.0		1.0		ug/L			07/08/17 09:06	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloroform	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloromethane	<1.0		1.0		ug/L			07/08/17 09:06	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 09:06	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1

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Client: EHS Support, LLC Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: MB 400-359751/4

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

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Method Blank Prep Type: Total/NA

мв мв Result Qualifier RL MDL Unit D Dil Fac Analyte Prepared Analyzed 1,2-Dichloroethane 1.0 07/08/17 09:06 <1.0 ug/L 1,1-Dichloroethene <1.0 1.0 ug/L 07/08/17 09:06 1,2-Dichloropropane <1.0 1.0 ug/L 07/08/17 09:06 Ethylbenzene <1.0 1.0 ug/L 07/08/17 09:06 2-Hexanone <25 25 ug/L 07/08/17 09:06 Methylene Chloride <5.0 5.0 ug/L 07/08/17 09:06 4-Methyl-2-pentanone (MIBK) <25 ug/L 07/08/17 09:06 25 Styrene <1.0 1.0 ug/L 07/08/17 09:06 1,1,2,2-Tetrachloroethane <1.0 1.0 ug/L 07/08/17 09:06 Tetrachloroethene <1.0 1.0 ug/L 07/08/17 09:06 Toluene <1.0 1.0 ug/L 07/08/17 09:06 1.0 trans-1,2-Dichloroethene <1.0 ug/L 07/08/17 09:06 trans-1,3-Dichloropropene <5.0 5.0 ug/L 07/08/17 09:06 1,1,1-Trichloroethane <1.0 1.0 ug/L 07/08/17 09:06 ug/L 1,1,2-Trichloroethane <5.0 5.0 07/08/17 09:06 Trichloroethene 1.0 ug/L 07/08/17 09:06 <1.0 Vinyl chloride <1.0 1.0 ug/L 07/08/17 09:06 <10 10 ug/L 07/08/17 09:06 Xylenes, Total

MB MB Qualifier Dil Fac Surrogate %Recovery Limits Prepared Analyzed 1,2-Dichloroethane-d4 (Surr) 89 67 - 134 07/08/17 09:06 Toluene-d8 (Surr) 93 80 - 120 07/08/17 09:06

Lab Sample ID: LCS 400-359751/1002

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Acetone	200	165		ug/L		82	43 - 160
Benzene	50.0	51.6		ug/L		103	70 - 130
Bromoform	50.0	39.9		ug/L		80	57 _ 140
Bromomethane	50.0	65.3		ug/L		131	10 - 160
2-Butanone (MEK)	200	201		ug/L		101	61 - 145
Carbon disulfide	50.0	43.5		ug/L		87	61 - 137
Carbon tetrachloride	50.0	50.9		ug/L		102	61 _ 137
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130
Chlorodibromomethane	50.0	44.0		ug/L		88	67 _ 135
Chloroethane	50.0	48.9		ug/L		98	55 - 141
Chloroform	50.0	49.5		ug/L		99	69 _ 130
Chloromethane	50.0	40.8		ug/L		82	58 ₋ 137
cis-1,2-Dichloroethene	50.0	46.1		ug/L		92	68 _ 130
cis-1,3-Dichloropropene	50.0	46.7		ug/L		93	69 - 132
Dichlorobromomethane	50.0	45.7		ug/L		91	67 - 133
1,1-Dichloroethane	50.0	47.1		ug/L		94	70 _ 130
1,2-Dichloroethane	50.0	46.8		ug/L		94	69 _ 130
1,1-Dichloroethene	50.0	54.2		ug/L		108	63 _ 134
1,2-Dichloropropane	50.0	47.4		ug/L		95	70 - 130
Ethylbenzene	50.0	47.0		ug/L		94	70 - 130

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QC Sample Results

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

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

Lab Sample ID: LCS 400-359751/1002

Matrix: Water

Analysis Batch: 359751

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
2-Hexanone	200	151		ug/L		75	65 - 137
Methylene Chloride	50.0	50.4		ug/L		101	66 - 135
4-Methyl-2-pentanone (MIBK)	200	171		ug/L		86	69 - 138
Styrene	50.0	47.7		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.9		ug/L		90	70 - 131
Tetrachloroethene	50.0	46.7		ug/L		93	65 - 130
Toluene	50.0	46.9		ug/L		94	70 - 130
trans-1,2-Dichloroethene	50.0	52.4		ug/L		105	70 - 130
trans-1,3-Dichloropropene	50.0	40.5		ug/L		81	63 - 130
1,1,1-Trichloroethane	50.0	50.2		ug/L		100	68 - 130
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	70 - 130
Trichloroethene	50.0	55.6		ug/L		111	70 - 130
Vinyl chloride	50.0	47.3		ug/L		95	59 ₋ 136
Xylenes, Total	100	91.8		ug/L		92	70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		67 - 134
Toluene-d8 (Surr)	92		80 - 120

Client Sample ID: Lab Control Sample

QC Association Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

GC/MS VOA

Analysis Batch: 359612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
680-140434-1	MW-13B	Total/NA	Water	8260B	
680-140434-2	MW-13A	Total/NA	Water	8260B	
680-140434-3	MW-19D	Total/NA	Water	8260B	
680-140434-6	MW-16B	Total/NA	Water	8260B	
680-140434-7	MW-16C	Total/NA	Water	8260B	
680-140434-8	MW-16A	Total/NA	Water	8260B	
680-140434-10	MW-15A	Total/NA	Water	8260B	
680-140434-11	MW-15B	Total/NA	Water	8260B	
680-140434-12	DUP-1	Total/NA	Water	8260B	
880-140434-13	EB-1	Total/NA	Water	8260B	
680-140434-14	MW-16A-LF	Total/NA	Water	8260B	
880-140434-15	MW-16B-LF	Total/NA	Water	8260B	
880-140434-16	OF-1	Total/NA	Water	8260B	
80-140434-17	SS-1	Total/NA	Water	8260B	
80-140434-18	SS-2	Total/NA	Water	8260B	
80-140434-19	SS-3	Total/NA	Water	8260B	
80-140434-20	TRIP BLANK	Total/NA	Water	8260B	
MB 400-359612/4	Method Blank	Total/NA	Water	8260B	
CS 400-359612/1002	Lab Control Sample	Total/NA	Water	8260B	
880-140434-1 MS	MW-13B	Total/NA	Water	8260B	
680-140434-1 MSD	MW-13B	Total/NA	Water	8260B	

Analysis Batch: 359751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-140434-4	MW-19C	Total/NA	Water	8260B	
680-140434-5	MW-19B	Total/NA	Water	8260B	
680-140434-9	MW-20C	Total/NA	Water	8260B	
MB 400-359751/4	Method Blank	Total/NA	Water	8260B	
LCS 400-359751/1002	Lab Control Sample	Total/NA	Water	8260B	

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4 /

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: MW-13B Lab Sample ID: 680-140434-1 Date Collected: 06/26/17 12:47

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 13:24	RS	TAL PEN
	Instrument	ID: CH_WASP								

Client Sample ID: MW-13A Lab Sample ID: 680-140434-2

Date Collected: 06/26/17 12:53 **Matrix: Water**

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 15:03	RS	TAL PEN
	Instrumer	nt ID: CH_WASP								

Client Sample ID: MW-19D Lab Sample ID: 680-140434-3

Date Collected: 06/26/17 13:53

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	359612	07/07/17 19:08	RS	TAL PEN
	Instrume	nt ID: CH WASP								

Client Sample ID: MW-19C Lab Sample ID: 680-140434-4

Date Collected: 06/26/17 13:48 Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359751	07/08/17 16:30	RS	TAL PEN
	Instrume	nt ID: CH WASP								

Lab Sample ID: 680-140434-5 Client Sample ID: MW-19B

Date Collected: 06/26/17 13:40

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359751	07/08/17 16:55	RS	TAL PEN
	Instrume	nt ID: CH WASP								

Client Sample ID: MW-16B Lab Sample ID: 680-140434-6

Date Collected: 06/26/17 14:25 Matrix: Water Date Received: 06/29/17 07:00

Dil Final Batch Initial Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Total/NA 8260B 359612 07/07/17 20:47 RS Analysis 5 mL 5 mL TAL PEN

Instrument ID: CH_WASP

TestAmerica Savannah

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-7

Matrix: Water

Date Collected: 06/26/17 14:20 Date Received: 06/29/17 07:00

Client Sample ID: MW-16C

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	359612	07/07/17 21:11	RS	TAL PEN
	Instrume	ent ID: CH WASP								

Lab Sample ID: 680-140434-8

Client Sample ID: MW-16A Date Collected: 06/26/17 14:22

Matrix: Water

Date Received: 06/29/17 07:00 Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor

Analyst Lab TAL PEN

Total/NA Analysis 8260B 5 mL 5 mL 359612 07/07/17 21:36 RS 5 Instrument ID: CH_WASP

Client Sample ID: MW-20C Lab Sample ID: 680-140434-9

Matrix: Water

Date Collected: 06/26/17 15:00 Date Received: 06/29/17 07:00

Batch Batch Dil Initial Final Batch Prepared Method Amount Number or Analyzed Prep Type Type Run Factor Amount Analyst Lab 07/08/17 17:19 TAL PEN Total/NA 8260B 359751 RS Analysis 5 mL 5 mL Instrument ID: CH WASP

Client Sample ID: MW-15A Lab Sample ID: 680-140434-10

Matrix: Water

Date Collected: 06/26/17 16:10 Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 15:27	RS	TAL PEN
	Instrume	nt ID: CH WASP								

Client Sample ID: MW-15B Lab Sample ID: 680-140434-11

Date Collected: 06/26/17 16:15 **Matrix: Water**

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 15:52	RS	TAL PEN
	Instrume	nt ID: CH_WASP								

Client Sample ID: DUP-1 Lab Sample ID: 680-140434-12

Date Collected: 06/26/17 16:20 Matrix: Water Date Received: 06/29/17 07:00

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Number or Analyzed Туре Run Factor Amount Amount Analyst Lab Total/NA 8260B 5 mL 5 mL 359612 07/07/17 16:16 RS TAL PEN Analysis Instrument ID: CH_WASP

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Client Sample ID: EB-1

Lab Sample ID: 680-140434-13

Matrix: Water

Date Collected: 06/27/17 09:25 Date Received: 06/29/17 07:00

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run Amount Amount Number or Analyzed Analyst Factor Total/NA Analysis 8260B 5 mL 5 mL 359612 07/07/17 16:41 RS TAL PEN

Instrument ID: CH_WASP

Lab Sample ID: 680-140434-14 Client Sample ID: MW-16A-LF

Matrix: Water

Date Collected: 06/27/17 11:20 Date Received: 06/29/17 07:00

Dil Batch Batch Initial Final Batch Prepared Method Amount Amount Number or Analyzed Prep Type Type Run Factor Analyst Lab Total/NA Analysis 8260B 5 mL 5 mL 359612 07/07/17 22:01 RS TAL PEN 5 Instrument ID: CH_WASP

Client Sample ID: MW-16B-LF

Lab Sample ID: 680-140434-15 Date Collected: 06/27/17 10:25

Matrix: Water

Date Received: 06/29/17 07:00

Batch Batch Dil Initial Final Batch Prepared Method Amount Number or Analyzed Prep Type Type Run Factor Amount Analyst Lab 07/07/17 22:25 RS TAL PEN Total/NA 8260B 359612 Analysis 5 5 mL 5 mL Instrument ID: CH WASP

Client Sample ID: OF-1

Lab Sample ID: 680-140434-16 Date Collected: 06/27/17 11:40

Matrix: Water

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 17:05	RS	TAL PEN
	Instrume	nt ID: CH_WASP								

Client Sample ID: SS-1 Lab Sample ID: 680-140434-17

Date Collected: 06/27/17 11:45 **Matrix: Water**

Date Received: 06/29/17 07:00

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run Factor Amount **Amount** Number or Analyzed **Analyst** Lab Total/NA Analysis 8260B 5 mL 359612 07/07/17 17:30 RS TAL PEN 5 mL Instrument ID: CH_WASP

Client Sample ID: SS-2 Lab Sample ID: 680-140434-18

Date Collected: 06/27/17 11:50 Matrix: Water

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359612	07/07/17 17:55	RS	TAL PEN
	Instrume	nt ID: CH_WASP								

TestAmerica Savannah

Lab Chronicle

Client: EHS Support, LLC

Client Sample ID: SS-3

Date Collected: 06/27/17 12:14

Date Received: 06/29/17 07:00

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-1

Lab Sample ID: 680-140434-19

Matrix: Water

Dil Batch Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Total/NA Analysis 8260B 5 mL 5 mL 359612 07/07/17 18:19 RS TAL PEN Instrument ID: CH_WASP

Client Sample ID: TRIP BLANK Lab Sample ID: 680-140434-20

Date Collected: 06/27/17 13:00 Matrix: Water

Date Received: 06/29/17 07:00

Dil Batch Batch Initial Final Batch Prepared Prep Type Type Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 8260B 5 mL 5 mL 359612 07/07/17 18:44 RS TAL PEN Instrument ID: CH_WASP

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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	D	2							9484 Chesapeake Dr., Smir MPS, 9830 South 5141 St., Smir B-12 2520 E. Sanser Rd. 83.1	2000 Charles C., Sutte B-120, Plucinis, AZ 83044 (480) 785-1003 (2012) FAX (480) 785-1083 (2012) Study RS (2012) Plucinis, AZ 83044 (480) 785-1020 FAX (702) 795-2031
THE LEADER IN ENVIRONMENTAL TESTING	MENTA	L TESTING		HAIN	DF CL	CHAIN OF CUSTODY FORM	/ FC	NAM		Page1 of1
Client Name/Address EHS Support LLC 228 4th Ave			Pro ol	Project! Ashland Alterman (Jonesboro)	:: Ashland Alt (Jonesboro) escription: 06	erman 2017			Analysis Required	
Decatur, GA 30030		•	٦	Job #: 00342 2017-400	42 2017	-400				
Project Manager. Kris Spikes, EHS Support			Phone Number (678) 522-6050	nber 5050						
Sampler. Kns Spikes and Mark Smith Note			Fax Number	er.			- AOC		680-140434 Chain of Custody	Custody
Sample Description	Sample	Container Type	# of	Date	Time	Preservation	80928	- 17	_	Special Instructions
	8	40 ML VOA	2	26-Jun	1247	HCL	×			Property Interests
	A	40 ML VOA	2	26-Jun	1253	HCL	×			
MW-19D	W	40 ML VOA	3	26-Jun	1353	HCL	×			
	W	40 ML VOA	63	26-Jun	1348	HCL	×			
	M	40 ML VOA	3	26-Jun	1340	HCL	×			
	W	40 ML VOA	2	26-Jun	1425	HCL	×			
	×	40 ML VOA	6	26-Jun	1420	HCL	×			Report J Flags
	W	40 ML VOA	3	26-Jun	1422	HCL	×			
	×	40 ML VOA	(1)	26-Jun	1500	HCL	×			
	W	40 ML VOA	63	26-Jun	1610	HCL	×			
	W	40 ML VOA	9	26-Jun	1615	HCL	×			
	×	40 ML VOA	69	26-Jun	1620	HCL	×			
	W	40 ML VOA	67	27-Jun	928	HCL	×			
MW-16A-LF	N	40 ML VOA	62	27-Jun	1120	HCL	×			
MW-16B-LF	8	40 ML VOA	6	27-Jun	1025	HCL	×			
	W	40 ML VOA	23	27-Jun	1140	HCL	×			
	W	40 ML VOA	6	27-Jun	1145	HCL	×			
	W	40 ML VOA	3	27-Jun	1150	HCL	×			
	W	40 ML VOA	6	27-Jun	1214	HCL	×			
TRIP BLANK	W	40 ML VOA	3	14-Jun	1300	HCL	×			
Relinquished By.	V	N6 2R 1	-1	1100		Received by	K	Date Time 6/28/17 16.5	Turnaround Time (Check) Same Day	72 Hours
Relinguished By: 20	1821	Date /Time.	1351	2		Received	D	Date //me	24 Hours 48 Hours	5 Days Normal: ALL
Relinquished by	7	Date /Time	,			Received In Lab by	b by:	by Date/Time	Sample Integnty (Check)	7

Company

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	Chain of Custody Record	aloon (anno la limit)	
TestAmerica Savannah	5102 LaRoche Avenue	Savannah, GA 31404	Phone (912) 354-7858 Fax (912) 352-0165

Client Information (Sub Contract Lab)	Sampler:			Lab PM:	Lanier. Jerry A			3	Carrier Tracking No(s):	680-48	680-483431.1	
Olicin Illiciniation (Odb Continact Edb)	i							1				
Client Contact: Shinning/Beceiving	Phone:			E-Mail:	: Janier@te	E-Mail: ierry lanier@testamericainc.com	mos.	Sta	State of Origin:	Page:	1 of 3	
Silly Section 19				Jelly.		Stallicilicalli		5	olgia	200	0	
Company: TestAmerica Laboratories, Inc.					Accreditation State Pro	Accreditations Required (See note): State Program - Georgia	ee note): gia			Job #: 680-1	Job #: 680-140434-1	
Address:	Due Date Requested:	d:								Prese	Preservation Codes	
3355 McLemore Drive,	1/10/201/						Analysis Kequested	kedue	sted	A-HCL		M - Hexane
City: Pensacola	TAT Requested (days):	ys):								B - NaOH C - Zn Ace	- cetate	N - None O - AsNaO2
State, Zip: Ft., 32514										D - Nitric Aci	cid 04	P - Na204S Q - Na2SO3
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:				(0					G - Amchlor H - Ascorbic	or ic Acid	S - H2SO4 T - TSP Dodecahydrate
Email:	WO#:				(0)	151					Nater	U - Acetone V - MCAA
Project Name: Ashland Alterman (Jonesboro)	Project #: 68002361				N 10 se	uane 7				tainer K-EDTA L-EDA		W - pH 4-5 Z - other (specify)
Site:	:#MOSS				SD (Y	n (an				of con		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Perform MS/M	8260B/5030B (M				Total Mumber	Special Insti	Special Instructions/Note:
_		X	O	Preservation Code:	X					X		
MW-13B (680-140434-1)	6/26/17	12:47 Fastern		Water		×				2 conde	nsed dilution fo	condensed dilution format; MCL for VC = 2ug/l
MW-13A (680-140434-2)	6/26/17	12:53 Fastern		Water		×				3 conde	nsed dilution fo	condensed dilution format; MCL for VC =
MW-19D (680-140434-3)	6/26/17	13:53 Fastern		Water		×				3 conde	nsed dilution fo	condensed dilution format; MCL for VC = 2ug/L
MW-19C (680-140434-4)	6/26/17	13:48 Eastern		Water		×				3 conde	insed dilution fo	condensed dilution format; MCL for VC = 2uq/L
MW-19B (680-140434-5)	6/26/17	13:40 Eastern		Water		×				3 conde	insed dilution fo	condensed dilution format; MCL for VC = 2ug/L
MW-16B (680-140434-6)	6/26/17	14:25 Eastern		Water		×				3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
MW-16C (680-140434-7)	6/26/17	14:20 Eastern		Water		×				3 conde	ensed dilution fo	condensed dilution format; MCL for VC = 2ug/L
MW-16A (680-140434-8)	6/26/17	14:22 Eastern		Water		×				3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
MW-20C (680-140434-9)	6/26/17	15:00 Eastern		Water		×				3 Conde	ensed dilution for	condensed dilution format; MCL for VC = 2ua/L

Possible Hazard Identification

Months

	Possible Hazard Identification		Sample Disposal (A fee m	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	1 month)
	Unconfirmed		Return To Client	Disposal By Lab Archive For	Mont
	Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:		
	Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
7/	Relinguished by:	Sept DOts the special of the september o	Received by	Date/Time: 170 0852 Con	Compan
12/2	Refinquished by:	Date/Time: Coπ	Company Redeived Lat.	Date/Time:	Compan
2017	Relinquished by:	Date/Time: Con	Company Received by:	Date/Time:	Compan
7	Custody Seals Intact: Custody Seal No.: A Yes A No		Cooler Temperature(s) C and Other Remarks:	Ceher Remarks: M 7 0F	

Chain of Custody Record

Sord TestAmerico	Carrier Tracking No(s): COC No:
Chain of Custody Record	Sampler: Lab PM:
TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Phone (912) 354-7888 Fax (912) 352-0165	

Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving Company:	Sampler: Phone:			Lanier, E-Mail:	Lanier, Jerry A		Carrier Tracking No(s)		680-483431.2 Page:	
Client Confact: Shipping/Receiving Company:	Phone:			E-Mail:						
Company:				jerry.la	nier@testar	E-Mail: jerry.lanier@testamericainc.com	State of Origin: Georgia	Page	Page 2 of 3	
l'estAmerica Laboratories, inc.				¥ W	creditations Fate Program	Accreditations Required (See note): State Program - Georgia		Job #: 680-1	Job #: 680-140434-1	
Address: 3355 McLemore Drive, ,	Due Date Requested: 7/10/2017	#				Analysis Requested	quested	Prese	õ	S: M - Heyane
City: Pensacola State, Zip:	TAT Requested (days):	/s):						C - Zn C - Zn D - Nit	B - NaOH N - C - Zn Acetate O - D - Nitric Acid P - C - Zn Acetate	N None O - AsNaO2 P - Na2O4S
FL, 32514 Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO#:							F. Me G. An H. As	p	Na2SC3 Na2S2O3 H2SO4 TSP Dodecahydrate
Email:	,# OM			N 10 s	(oN			_	in the	Acetone
Project Name: Ashland Alterman (Jonesboro)	Project #: 68002361			() ()	10 29			enistr L-RDA		w - pri 4-5 Z - other (specify)
Site:	SSOW#:			dues	y) asi			of coi		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample	Sample (w Type ss (C=comp, o=w G=qrab) BT=TIS	Matrix (W=water, S=solid, O=wastefoll, D=Tissue, A=Air)	Perform MS/N 8260B/5030B (N			nedmuN Is3oT	Special Instructions/Note	uctions/Note:
	X	X	1 00	Code:	X			×		
MW-15A (680-140434-10)	6/26/17	16:10 Eastern	5	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
MW-15B (680-140434-11)	6/26/17	16:15 Eastern	S	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
DUP-1 (680-140434-12)	6/26/17	16:20 Eastern	5	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
EB-1 (680-140434-13)	6/27/17	09:25 Eastern	>	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
MW-16A-LF (680-140434-14)	6/27/17	11:20 Eastern	^	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
MW-16B-LF (680-140434-15)	6/27/17	10:25 Eastern	۸	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
OF-1 (680-140434-16)	6/27/17	11:40 Eastern	۸	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
SS-1 (680-140434-17)	6/27/17	11:45 Eastern	>	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
SS-2 (680-140434-18)	6/27/17	11:50 Eastern	>	Water	×			3 conde	ensed dilution for	condensed dilution format; MCL for VC = 2ug/L
Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I	aboratories, Inc. places the	ownership of m	ethod, analyte & ac	creditation	compliance up	pon out subcontract laboratories.	. This sample shipmer	ent is forwarded under chain	n-of-custody. 1	
Possible Hazard Identification Unconfirmed					Sample	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month	assessed if sam Disposal By Lab	nples are retained lon,	nger than 1 mc	onth) Months
Deliverable Requested: I, III, III, IV, Other (specify)	Primary Deliverable Rank: 2	able Rank: 2			Special	Special Instructions/QC Requirements:	ents:			
Empty Kit Relinquished by:		Date:			Time:	00	Method of Shipment:	hipment:		
Relinquished by: Relinquished by:	Date/Time:	130	Company	gany A A A pany	Receip	Received by:		Date/Time:	0882	Company
Relinquished by:	Date/Time:		Com	Company	Recei	Received by:	۵	Date/Time:	0	Company
Custody Seals Intact: Custody Seal No.:					Coole	Cooler Temperature(s) °C and Other Remarks:	Remarks:			

Phone (912) 354-7858 Fax (912) 352-0165

Savannah, GA 31404

5102 LaRoche Avenue

TestAmerica Savannah

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

13

condensed dilution format; MCL for VC = 2ug/L condensed dilution format; MCL for VC = T - TSP Dodecahydrate Company H Special Instructions/Note: U - Acetone V - MCAA W - pH 4-5 Z - other (specify) N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mont Preservation Codes: socretiations accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
F - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid 680-483431.3 680-140434-1 Page 3 of 3 J - DI Water K - EDTA L - EDA Total Number of containers Date/Time: Method of Shipment: Carrier Tracking No(s) State of Origin: Georgia Analysis Requested Cooler Temperature(s) °C and Other Remarks. Special Instructions/QC Requirements: jerry.lanier@testamericainc.com
Accreditations Required (See note)
State Program - Georgia Received by: × × Lanier, Jerry A E-Mail: 8560B/5030B (MOD) TCL Sublist ON 10 set (Yes or No) Lab PM: Task Preservation Code: Water Matrix Water Company G=grab) (C=comp, Sample Type Primary Deliverable Rank: 2 Eastern 13:00 Sample Eastern 12:14 Time Date: TAT Requested (days): Date/Time: Due Date Requested: 7/10/2017 Sample Date 6/27/17 6/27/17 Project #: 68002361 SSOW#: Date/Time: hone: Deliverable Requested: I, II, III, IV, Other (specify) Client Information (Sub Contract Lab) Custody Seal No. Sample Identification - Client ID (Lab ID) 850-474-1001(Tel) 850-478-2671(Fax) Possible Hazard Identification TRIP BLANK (680-140434-20) TestAmerica Laboratories, Inc. Ashland Alterman (Jonesboro) Empty Kit Relinquished by: Custody Seals Intact: SS-3 (680-140434-19) 3355 McLemore Drive, A Yes A No Shipping/Receiving shed by: elinquished by: **Jnconfirmed** State, Zip: FL, 32514 Pensacola 7/12/2017

Chain of Custody Record

TestAmerica Savannah 5102 LaRoche Avenue

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Savannah, GA 31404 Phone (912) 354-7858 Fax (912) 352-0165

_	Client Information (Sub Contract Lab)				Lanie	Lanier, Jerry A			(c) Silvonia in incino	.(6)01	680-483431.1	
10	Client Contact:	Phone:			E-Mail:				State of Origin:		Page:	
-/	Shipping/Receiving				jerry.l.	anier@te	jerry.lanier@testamericainc.com	mo	Georgia		Page 1 of 1	
0 1	Company: TestAmerica Laboratories, Inc.				2 07	scoreditation State Pro	Accreditations Required (See note): State Program - Georgia	note): a			Job #: 680-140434-2	
	Address: 3355 McI emore Drive	Due Date Requested: 7/10/2017	4				1	Analysis Requested	niested		Preservation Codes:	les:
10.	City:	TAT Requested (days	:(s)								A - HCL B - NaOH	M - Hexane N - None
157	Pensacola Sate, ZD: 23554										C - Zn Acetate D - Nitric Acid E - NaHSO4	0 - AsnaO2 P - Na2O4S Q - Na2SO3
1	Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #;				(0					F - MeOH G - Amchlor H - Ascorbic Acid	R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate
	Email:	:# OM				(0)	151					U - Acetone V - MCAA
	Project Name: Ashland Alterman (Jonesboro)	Project #: 68002361				10 29	igne 30				K - EDTA L - EDA	W - pH 4-5 Z - other (specify)
	Site:	SSOW#:				Y) ası	ri (do)				of col	
	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered MSM motose	8560B/5030B (N				Total Number	Special Instructions/Note:
			X	Preserva	Preservation Code:	X						
	MW-15C (680-140434-21)	6/26/17	15:35 Eastern		Water		×				3 condensed dilutio	condensed dilution format; MCL for VC = 2uq/L
	MW-24C (680-140434-22)	6/26/17	15:45		Water		×				3 condensed dilution	condensed dilution format; MCL for VC =
f 47			Lagin								1 60 2	
						1						
	Note: Since laboratory accreditations are subject to change, I estAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratoriare. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/lests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	oratories, Inc. places the clests/matrix being analyze rent to date, return the sign	ownership of n ed, the sample gned Chain of	nethod, analyte s must be ship Custody attes	e & accreditation pped back to the ting to said com	compliand TestAmeri dicance to	mership of method, analyte & accreditation compliance upon out subconfract laborat, the samples must be shipped back to the TestAmerica laboratory or other instruction of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	ntract laboratories. ther instructions wi oratories, Inc.	This sample ship I be provided. An	ment is forwarded y changes to accre	nership of method, analyte & accreotation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does no the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica ed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	If the laboratory does not brought to TestAmerica
	Possible Hazard Identification					Sam	ple Disposal (A fee may be	assessed if s	amples are re	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	f month)
	Unconfirmed					1	Return To Client	ent	Disposal By Lab		Archive For	Months
	Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverab	ble Rank: 2			Spec	Special Instructions/QC Requirements:	/QC Requirem				
	Empty Kit Relinquished by:		Date:			Time:			Method o	Method of Shipment:		
71	Relinfourshed by: PSU TO PORT OF THE PORT	Date/Time:	1	tao.	VALUE	R	Received by:			Date/Time:		Company
12/2	Relinquished by:	Date/Time:			Company	ш	Received by:	0		Date/Time:		Company
2017	Relinquished by:	Date/Time:			Company	IL.	Received	Soft	and the same of th	Date/Time:	20882	Company

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Custody Seal No.:

Custody Seals Intact:

Login Sample Receipt Checklist

Client: EHS Support, LLC Job Number: 680-140434-1

Login Number: 140434 List Source: TestAmerica Savannah

List Number: 1

Creator: Flanagan, Naomi V

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Login Sample Receipt Checklist

Client: EHS Support, LLC Job Number: 680-140434-1

Login Number: 140434 List Source: TestAmerica Pensacola List Number: 2 List Creation: 07/06/17 11:33 AM

Creator: Edwards, Robin S

Creator: Edwards, Robin 5		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	0.0°c ir-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Accreditation/Certification Summary

Client: EHS Support, LLC TestAmerica Job ID: 680-140434-1

Project/Site: Ashland Alterman (Jonesboro)

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	803	06-30-17 *

Laboratory: TestAmerica Pensacola

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-18

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.



THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Tel: (912)354-7858

TestAmerica Job ID: 680-140434-2

Client Project/Site: Ashland Alterman (Jonesboro)

For:

EHS Support, LLC 4694 Cemetary Rd, PMB 104 Hilliard, Ohio 43026

Attn: Ms. Michelle Stavrook

Jerry Jamier

Authorized for release by: 7/12/2017 11:45:08 AM

Jerry Lanier, Project Manager I (912)354-7858 e.3410 jerry.lanier@testamericainc.com

.....LINKS

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Visit us at: www.testamericainc.com

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.

TestAmerica Job ID: 680-140434-2

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Case Narrative

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

Job ID: 680-140434-2

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: EHS Support, LLC

Project: Ashland Alterman (Jonesboro)

Report Number: 680-140434-2

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 the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 06/29/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.0 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-15C (680-140434-21) and MW-24C (680-140434-22) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/08/2017.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Sample Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-140434-21	MW-15C	Water	06/26/17 15:35	06/29/17 07:00
680-140434-22	MW-24C	Water	06/26/17 15:45	06/29/17 07:00

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Method Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Definitions/Glossary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Toxicity Equivalent Quotient (Dioxin)

TestAmerica Job ID: 680-140434-2

Glossary

TEQ

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

TestAmerica Savannah

Detection Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

Client Sample ID: MW-15C Lab Sample ID: 680-140434-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.9		1.0		ug/L	1	_	8260B	Total/NA
Tetrachloroethene	4.5		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-24C Lab Sample ID: 680-140434-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil F) Method	Prep Type
Tetrachloroethene	26		1.0		ug/L		1 -	8260B	Total/NA

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Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-21

TestAmerica Job ID: 680-140434-2

Matrix: Water

Date Collected: 06/26/17 15:35 Date Received: 06/29/17 07:00

Client Sample ID: MW-15C

Client: EHS Support, LLC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/08/17 15:41	1
Benzene	<1.0		1.0		ug/L			07/08/17 15:41	1
Bromoform	<5.0		5.0		ug/L			07/08/17 15:41	1
Bromomethane	<1.0		1.0		ug/L			07/08/17 15:41	1
2-Butanone (MEK)	<25		25		ug/L			07/08/17 15:41	1
Carbon disulfide	<1.0		1.0		ug/L			07/08/17 15:41	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/08/17 15:41	1
Chlorobenzene	<1.0		1.0		ug/L			07/08/17 15:41	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/08/17 15:41	1
Chloroethane	<1.0		1.0		ug/L			07/08/17 15:41	1
Chloroform	2.9		1.0		ug/L			07/08/17 15:41	1
Chloromethane	<1.0		1.0		ug/L			07/08/17 15:41	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 15:41	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 15:41	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/08/17 15:41	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 15:41	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/08/17 15:41	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/08/17 15:41	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/08/17 15:41	1
Ethylbenzene	<1.0		1.0		ug/L			07/08/17 15:41	1
2-Hexanone	<25		25		ug/L			07/08/17 15:41	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 15:41	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 15:41	1
Styrene	<1.0		1.0		ug/L			07/08/17 15:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 15:41	1
Tetrachloroethene	4.5		1.0		ug/L			07/08/17 15:41	1
Toluene	<1.0		1.0		ug/L			07/08/17 15:41	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 15:41	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 15:41	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 15:41	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 15:41	1
Trichloroethene	<1.0		1.0		ug/L			07/08/17 15:41	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 15:41	1
Xylenes, Total	<10		10		ug/L			07/08/17 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		67 - 134			-		07/08/17 15:41	
Toluene-d8 (Surr)	92		80 - 120					07/08/17 15:41	1

Lab Sample ID: 680-140434-22 **Client Sample ID: MW-24C** Date Collected: 06/26/17 15:45

Date Received: 06/29/17 07:00

Method: 8260B - Volatile Organic Compounds (GC/MS)											
Analyte	Result Quali	fier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac				
Acetone	<25	25	ug/L			07/08/17 16:06	1				
Benzene	<1.0	1.0	ug/L			07/08/17 16:06	1				
Bromoform	<5.0	5.0	ug/L			07/08/17 16:06	1				
Bromomethane	<1.0	1.0	ug/L			07/08/17 16:06	1				
2-Butanone (MEK)	<25	25	ug/L			07/08/17 16:06	1				

TestAmerica Savannah

Matrix: Water

Page 8 of 19 7/12/2017

Client Sample Results

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

Lab Sample ID: 680-140434-22

TestAmerica Job ID: 680-140434-2

Matrix: Water

Client Sample ID: MW-24C

Date Collected: 06/26/17 15:45 Date Received: 06/29/17 07:00

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.0		1.0		ug/L			07/08/17 16:06	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/08/17 16:06	1
Chlorobenzene	<1.0		1.0		ug/L			07/08/17 16:06	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/08/17 16:06	1
Chloroethane	<1.0		1.0		ug/L			07/08/17 16:06	1
Chloroform	<1.0		1.0		ug/L			07/08/17 16:06	1
Chloromethane	<1.0		1.0		ug/L			07/08/17 16:06	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:06	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 16:06	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/08/17 16:06	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 16:06	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/08/17 16:06	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:06	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/08/17 16:06	1
Ethylbenzene	<1.0		1.0		ug/L			07/08/17 16:06	1
2-Hexanone	<25		25		ug/L			07/08/17 16:06	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 16:06	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 16:06	1
Styrene	<1.0		1.0		ug/L			07/08/17 16:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 16:06	1
Tetrachloroethene	26		1.0		ug/L			07/08/17 16:06	1
Toluene	<1.0		1.0		ug/L			07/08/17 16:06	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 16:06	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 16:06	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 16:06	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 16:06	1
Trichloroethene	<1.0		1.0		ug/L			07/08/17 16:06	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 16:06	1
Xylenes, Total	<10		10		ug/L			07/08/17 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134			-		07/08/17 16:06	1
Toluene-d8 (Surr)	94		80 - 120					07/08/17 16:06	1

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Surrogate Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

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

Matrix: Water Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		12DCE	TOL	
Lab Sample ID	Client Sample ID	(67-134)	(80-120)	
680-140434-21	MW-15C	90	92	
680-140434-22	MW-24C	89	94	
LCS 400-359751/1002	Lab Control Sample	87	92	
MB 400-359751/4	Method Blank	89	93	

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

TestAmerica Job ID: 680-140434-2

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

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

Lab Sample ID: MB 400-359751/4

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/08/17 09:06	1
Benzene	<1.0		1.0		ug/L			07/08/17 09:06	1
Bromoform	<5.0		5.0		ug/L			07/08/17 09:06	1
Bromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
2-Butanone (MEK)	<25		25		ug/L			07/08/17 09:06	1
Carbon disulfide	<1.0		1.0		ug/L			07/08/17 09:06	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/08/17 09:06	1
Chlorobenzene	<1.0		1.0		ug/L			07/08/17 09:06	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloroform	<1.0		1.0		ug/L			07/08/17 09:06	1
Chloromethane	<1.0		1.0		ug/L			07/08/17 09:06	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 09:06	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/08/17 09:06	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/08/17 09:06	1
Ethylbenzene	<1.0		1.0		ug/L			07/08/17 09:06	1
2-Hexanone	<25		25		ug/L			07/08/17 09:06	1
Methylene Chloride	<5.0		5.0		ug/L			07/08/17 09:06	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/L			07/08/17 09:06	1
Styrene	<1.0		1.0		ug/L			07/08/17 09:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
Tetrachloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
Toluene	<1.0		1.0		ug/L			07/08/17 09:06	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			07/08/17 09:06	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/08/17 09:06	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			07/08/17 09:06	1
Trichloroethene	<1.0		1.0		ug/L			07/08/17 09:06	1
Vinyl chloride	<1.0		1.0		ug/L			07/08/17 09:06	1
Xylenes, Total	<10		10		ug/L			07/08/17 09:06	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		67 - 134		07/08/17 09:06	1
Toluene-d8 (Surr)	93		80 - 120		07/08/17 09:06	1

Lab Sample ID: LCS 400-359751/1002

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Lab	Control Sample
Pre	p Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Acetone	200	165		ug/L		82	43 - 160	
Benzene	50.0	51.6		ug/L		103	70 - 130	
Bromoform	50.0	39.9		ug/L		80	57 - 140	
Bromomethane	50.0	65.3		ug/L		131	10 - 160	

TestAmerica Savannah

Page 11 of 19

QC Sample Results

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

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

Lab Sample ID: LCS 400-359751/1002

Matrix: Water

Analysis Batch: 359751

Client Sample ID: Lab Control Sample **Prep Type: Total/NA**

•	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
2-Butanone (MEK)	200	201		ug/L		101	61 - 145	
Carbon disulfide	50.0	43.5		ug/L		87	61 ₋ 137	
Carbon tetrachloride	50.0	50.9		ug/L		102	61 _ 137	
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130	
Chlorodibromomethane	50.0	44.0		ug/L		88	67 ₋ 135	
Chloroethane	50.0	48.9		ug/L		98	55 - 141	
Chloroform	50.0	49.5		ug/L		99	69 - 130	
Chloromethane	50.0	40.8		ug/L		82	58 - 137	
cis-1,2-Dichloroethene	50.0	46.1		ug/L		92	68 - 130	
cis-1,3-Dichloropropene	50.0	46.7		ug/L		93	69 - 132	
Dichlorobromomethane	50.0	45.7		ug/L		91	67 - 133	
1,1-Dichloroethane	50.0	47.1		ug/L		94	70 - 130	
1,2-Dichloroethane	50.0	46.8		ug/L		94	69 - 130	
1,1-Dichloroethene	50.0	54.2		ug/L		108	63 - 134	
1,2-Dichloropropane	50.0	47.4		ug/L		95	70 - 130	
Ethylbenzene	50.0	47.0		ug/L		94	70 - 130	
2-Hexanone	200	151		ug/L		75	65 - 137	
Methylene Chloride	50.0	50.4		ug/L		101	66 - 135	
4-Methyl-2-pentanone (MIBK)	200	171		ug/L		86	69 - 138	
Styrene	50.0	47.7		ug/L		95	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	44.9		ug/L		90	70 - 131	
Tetrachloroethene	50.0	46.7		ug/L		93	65 _ 130	
Toluene	50.0	46.9		ug/L		94	70 - 130	
trans-1,2-Dichloroethene	50.0	52.4		ug/L		105	70 - 130	
trans-1,3-Dichloropropene	50.0	40.5		ug/L		81	63 _ 130	
1,1,1-Trichloroethane	50.0	50.2		ug/L		100	68 - 130	
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	70 - 130	
Trichloroethene	50.0	55.6		ug/L		111	70 - 130	
Vinyl chloride	50.0	47.3		ug/L		95	59 - 136	
Xylenes, Total	100	91.8		ug/L		92	70 - 130	

.cs	LCS

Surrogate	%Recovery Qual	ifier Limits
1,2-Dichloroethane-d4 (Surr)	87	67 - 134
Toluene-d8 (Surr)	92	80 - 120

QC Association Summary

Client: EHS Support, LLC

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

GC/MS VOA

Analysis Batch: 359751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-140434-21	MW-15C	Total/NA	Water	8260B	
680-140434-22	MW-24C	Total/NA	Water	8260B	
MB 400-359751/4	Method Blank	Total/NA	Water	8260B	
LCS 400-359751/1002	Lab Control Sample	Total/NA	Water	8260B	

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Lab Chronicle

Client: EHS Support, LLC

Client Sample ID: MW-15C

Project/Site: Ashland Alterman (Jonesboro)

TestAmerica Job ID: 680-140434-2

Lab Sample ID: 680-140434-21

Matrix: Water

Date Collected: 06/26/17 15:35

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260B		1	5 mL	5 mL	359751	07/08/17 15:41	RS	TAL PEN	_
	Instrument	ID: CH WASP									

Client Sample ID: MW-24C Lab Sample ID: 680-140434-22

Date Collected: 06/26/17 15:45 **Matrix: Water**

Date Received: 06/29/17 07:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	359751	07/08/17 16:06	RS	TAL PEN
	Instrume	nt ID: CH_WASP								

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

2852 Alton Ave., Ivan CA 92606 (949) 261-1022 FAX (949) 261-1228 [014 E. Cooley D., Suite A, Colton CA 92324 (969) 370-4667 FAX (949) 370-1046 (948) Chesapoale Dr., Suite Rh., San Diego, CA 92227 (888) 985-8506 FAX (878) 586-5969 (948) Chesapoale Dr., Suite Rh., San Diego, CA 92227 (888) 985-8506 FAX (878) 586-5969 (948) Chesapoale Dr., Suite Rh. San Diegoux, AZ 86044 (489) 785-6043 FAX (780) 785-6843 (250) 2502 (250) 586-685 (250) ""HOLD SAMPLES"" Special Instructions Report J Flags 0.1/1.6 Page 5 Days Normal: ALL 72 Hours On Ice Analysis Required (Check) (Check Turnaround Time Same Day 24 Hours 48 Hours Sample Integrity, Intact 700 6 - 29 - 17 CHAIN OF CUSTODY FORM ×× 82608 - VOC≤ Received by: Preservation Project: Ashland Alterman HCL HCL Job Description: 062017 Job #: 00342 2017-400 1545 (Jonesboro) 1535 Time 100 26-Jun 26-Jun Date (678) 522-6050 Phone Number Fax Number # of Cont Oc ZBIT 63 es THE LEADER IN ENVIRONMENTAL TESTING **TestAmerica** Container Type 40 ML VOA 40 ML VOA 3 3 Sampler Kris Spikes and Mark Smith Sample Description Kris Spikes, EHS Support Client Name/Address Decatur, GA 30030 EHS Support LLC Relinquished By roject Manager 228 4th Ave MW-15C MW-24C

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SAVAWNAU

Chain of Custody Record

Savannah, GA 31404 Phone (912) 354-7858 Fax (912) 352-0165

TestAmerica Savannah

5102 LaRoche Avenue

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Client Information (Sub Contract Lab)				Lanie	Lanier, Jerry A	A				39	680-483431.1		_
Client Contact:	Phone:			E-Mail:				State of Origin:	gin:	Pa	Page:		
Shipping/Receiving				jerry.	anier@	testamer	erry.lanier@testamericainc.com	Georgia		P	Page 1 of 1		_
Company: TestAmerica Laboratories, Inc.					Accredita State F	Accreditations Required (See n State Program - Georgia	Accreditations Required (See note): State Program - Georgia			or 39	Job #: 680-140434-2		_
Address: 3355 McLemore Drive, ,	Due Date Requested: 7/10/2017	÷					Analysis	Analysis Requested		4	Preservation Codes:	les:	_
Gity: Pensacola	TAT Requested (days):	ys):								(m O	B - NaOH C - Zn Acetate	N - None O - AsNaO2	
State, Zlp: FL, 32514										ОШ	D - Nitric Acid E - NaHSO4	P - Na204S Q - Na2SO3	_
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:				(0			-		LOI	G - Amchlor H - Ascorbic Acid	K - NaZSZO3 S - H2SO4 T - TSP Dodecahydrate	_
Email:	WO #:					teil				_	I - Ice J - DI Water	U - Acetone V - MCAA	
Project Name: Ashland Alterman (Jonesboro)	Project #: 68002361					gns TO	-				K - EDTA L - EDA	W - pH 4-5 Z - other (specify)	
Site:	SSOW#:					T (dol					Other:		_
Sample Identification . Client ID /1 ab ID)	Samule Date	Sample	Sample Type (C=comp,	Sample (w=water, S=solid, O=scomp, O=sc	ield Filtered WSM moha	Se08/5030B (N				redmuM lsto		Crocial Instituteians Meso.	
	\bigvee	X	Preserva	Preservation Code:	\leftarrow	3				X			T
MW-15C (680-140434-21)	6/26/17	15:35 Eastern		Water		×				3 2	condensed dilutio	condensed dilution format; MCL for VC = 2uq/L	
MW-24C (680-140434-22)	6/26/17	15:45 Eastern		Water		×				3 2 2	condensed dilutio 2ug/L	condensed dilution format; MCL for VC = 2ug/L	
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ince Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/lests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc.

	Possible Hazard Identification		S	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	d if samples are retained longer than	1 month)
	Unconfirmed			Return To Client Disposal By Lab	By Lab Archive For	Months
	Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Ś	Special Instructions/QC Requirements:		
	Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
71	Reinfaushed by:	DaterTime: 7/5/7	Company	Received by:	Date/Time:	Company
12/2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
2017	Relinquished by:	Date/Time:	Company	Received	Date/Time: 720882 Company A	Company
	Custody Seals Intact: Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:	I.P. 700.007	70.70

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 680-140434-2

SDG Number:

Login Number: 140434 List Source: TestAmerica Savannah

List Number: 1

Creator: Flanagan, Naomi V

oreator. I lanagan, Naomi V	
Question	Answer Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td>	N/A
The cooler's custody seal, if present, is intact.	True
Sample custody seals, if present, are 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 containers received and the COC.	True
Samples are received within Holding Time (excluding tests with immediate HTs)	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
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True
Multiphasic samples are not present.	True
Samples do not require splitting or compositing.	True
Residual Chlorine Checked.	N/A

TestAmerica Savannah
Page 17 of 19
7/12/2017

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 680-140434-2

SDG Number:

List Source: TestAmerica Pensacola
List Number: 2
List Source: TestAmerica Pensacola
List Creation: 07/06/17 11:33 AM

Creator: Edwards, Robin S

Creator: Edwards, Robin S		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	0.0°c ir-7
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Accreditation/Certification Summary

Client: EHS Support, LLC TestAmerica Job ID: 680-140434-2

Project/Site: Ashland Alterman (Jonesboro)

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Laboratory: TestAmerica Pensacola

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-18

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.