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June 16, 2015

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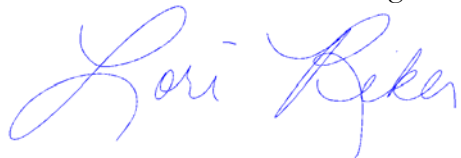
Re: Former Vac Air Alloys Site (NYSDEC Site No. 907016)
300 Falconer Road, Frewsburg, New York 14738
5th Annual Periodic Review Report (May 1, 2014 to April 30, 2015)

Dear Mr. Szymanski:

On behalf of our client, SGK Ventures LLC, Benchmark Environmental Engineering & Science, PLLC (Benchmark) is herein submitting the 5th annual Periodic Review Report (PRR) for the Former Vac Air Alloys Site. This PRR has been prepared consistent with NYSDEC's DER-10 Technical Guidance; covers the period of May 1, 2014 through April 30, 2015; and incorporates the data presented in the December 29, 2014 Semi-Annual Environmental Monitoring and Inspection letter report.

Benchmark has uploaded to the NYSDEC's EQiS database the Site monitoring data for the reporting period. Please contact me if you have any questions regarding this submittal.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC



Lori E. Riker, P.E.
Project Manager



Thomas H. Forbes, P.E.
Principal Engineer

Att.
cc: Mr. Chad Staniszewski, NYSDEC
Mr. David Szymanski, NYSDEC
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File: 0095-015-002

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Periodic Review Report

May 1, 2014 through April 30, 2015

*Former Vac Air Alloys Site
Inactive Hazardous Waste Site No. C907016
Frewsburg, New York*

June 2015

0095-015-002

Prepared For:

SGK Ventures, LLC

Prepared By:



**ANNUAL PERIODIC REVIEW REPORT
MAY 1, 2014 TO APRIL 30, 2015**

**FORMER VAC AIR ALLOYS SITE
INACTIVE HAZARDOUS WASTE SITE NO. C907016
FREWSBURG, NEW YORK**

June 2015

0095-005-002

Prepared for:

SGK Ventures, LLC

Prepared By:



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PERIODIC REVIEW REPORT

MAY 1, 2014 TO APRIL 30, 2015

Former Vac Air Alloys Site

Table of Contents

1.0	INTRODUCTION.....	1
1.1	Background and Regulatory History	1
1.2	Compliance and Recommendations.....	2
2.0	SITE OVERVIEW	3
2.1	Remedial Measures.....	3
2.2	Remedial Objectives	3
3.0	OPERATION, MONITORING, AND MAINTENANCE COMPLIANCE	5
3.1	Groundwater Extraction System	5
3.1.1	<i>Groundwater Extraction from MW-2 and MW-14</i>	<i>5</i>
3.2	Groundwater Treatment System.....	6
4.0	POST-REMEDIAL MONITORING COMPLIANCE	7
4.1	Groundwater Treatment System.....	7
4.1.1	<i>Inspection</i>	<i>7</i>
4.1.2	<i>Treatment System Effluent Monitoring.....</i>	<i>7</i>
4.1.3	<i>Treatment System Influent Monitoring</i>	<i>8</i>
4.1.4	<i>Groundwater Quality Monitoring.....</i>	<i>8</i>
4.2	Groundwater and Surface Water Hydraulic Monitoring.....	9
4.3	Seep Inspection	10
5.0	ENGINEERING AND INSTITUTIONAL CONTROL COMPLIANCE.....	11
5.1	Engineering Controls.....	11
5.1.1	<i>Barrier Wall.....</i>	<i>11</i>
5.1.2	<i>Asphalt Cover System.....</i>	<i>11</i>
5.1.3	<i>Perimeter Fencing.....</i>	<i>12</i>
5.1.4	<i>Stormceptor System</i>	<i>12</i>
5.2	Institutional Controls.....	12
5.2.1	<i>Deed Restriction.....</i>	<i>12</i>
5.3	Site Inspection	13
6.0	CORRECTIVE MEASURES WORK PLAN	14
7.0	CONCLUSIONS AND RECOMMENDATIONS	16
7.1	Conclusions.....	16
7.2	Recommendations.....	16
8.0	DECLARATION/LIMITATION	17
9.0	REFERENCES	18

PERIODIC REVIEW REPORT
MAY 1, 2014 TO APRIL 30, 2015
Former Vac Air Alloys Site

Table of Contents

LIST OF TABLES

Table 1	Summary of Treatment System Effluent Data
Table 2	Summary of Treatment System VOC Analytical Results
Table 3	Summary of Groundwater Analytical Data (October 2014 & April 2015)
Table 4	Groundwater and Surface Water Elevations

LIST OF FIGURES

Figure 1	Site Location and Vicinity Map
Figure 2	Site Plan
Figure 3	Shallow Groundwater Isopotential Map (October 2014)
Figure 4	Shallow Groundwater Isopotential Map (April 2015)

APPENDICES

Appendix A	NYSDEC Institutional and Engineering Controls Certification Form
Appendix B	Analytical Data Reports (provided electronically)

1.0 INTRODUCTION

Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this annual Periodic Review Report (PRR) on behalf of SGK Ventures, LLC to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Site No. C907016, referred to as the Former Vac Air Alloys Site.

This PRR has been prepared in accordance with the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 1). Appendix A includes the completed NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form for the Site. This 5th annual PRR and associated certification form have been completed for the May 1, 2014 to April 30, 2015 reporting period. The data presented in the December 29, 2014 Semi-Annual Environmental Monitoring and Inspection letter report has been incorporated into this annual PRR.

1.1 Background and Regulatory History

SGK Ventures, LLC is located at 300 Falconer Street in the Town of Carroll immediately north of the Village of Frewsburg, New York (see Figure 1). The property is bound by Conewango Creek to the north; open fields, wooded and low lying areas to the east; commercial and residential properties to the south; and Frewsburg-Falconer Road and Frewsburg Water District Supply Well 2A to the west (see Figure 2). An unnamed, intermittent drainage way consisting of sections of buried culvert and open swale traverses the property and discharges to a low lying wetland area at the north end. This low lying area drains to Conewango Creek.

The property was formerly owned by Vac Air Alloys, which began metal processing operations at the Site in 1969. As part of the facility operations, trichloroethylene (TCE) was used to clean and degrease metals. Prior to 1969, the property was used for the manufacturing of wafer board. Keywell purchased the facility in 1987, filed a petition for reorganization under Chapter 11 of the bankruptcy laws in 2013, and underwent a name change on January 14, 2014 (to SGK Ventures, LLC). SGK Ventures, LLC processed stainless steel, titanium, and other high grade scrap metal until March 31, 2015 at which time operations ceased.

As discussed in Section 2.0, remedial measures to address solvent releases by the former owner were undertaken by Keywell beginning in 1997.

1.2 Compliance and Recommendations

The groundwater collection and treatment systems to address historic solvent release are operated and maintained in accordance with the Post-Remedial Operation, Maintenance, & Monitoring (OM&M) Plan (revised April 2015). Monthly effluent discharge sampling is performed as a component of that work. On March 4, 2015, SGK Ventures contracted Benchmark to perform all OM&M activities at the Site. On April 29, 2015, Benchmark submitted a request to and received approval from NYSDEC to test the effluent pH on a weekly basis using Litmus paper in lieu of analytical or meter testing since the pH has never fallen outside the range of 6.0-9.0 standard units. As further described herein, the groundwater treatment system remains protective of public health and the environment; therefore, no additional changes to treatment system operation are recommended at this time.

Mechanical issues have arisen with the groundwater extraction system during the latter half of the reporting period. As described in Sections 4.2 and 6.0, the extraction system is not presently maintaining good hydraulic capture of the groundwater plume. Section 6.0 presents the Corrective Measures Work Plan to bring the collection system into compliance.

2.0 SITE OVERVIEW

The remedy for the Former Vac Air Alloys Site was specified in the Record of Decision (Ref. 2) and Evaluation of North Soil Area Remedial Alternatives Report (Ref. 3). Remedial construction activities began in June 1997 and were substantially complete in January 1998. The remedial work was performed in compliance with the requirements set forth in the fully executed NYSDEC Order on Consent, Index #B9-0333-90-05 (Ref. 4), and in accordance with the NYSDEC-approved Final Remedial Design Report (Ref. 5).

2.1 Remedial Measures

As described in the Final Remedial Construction Report (Ref. 6), the active remedial system at the Site includes a: groundwater collection system consisting of 18 groundwater extraction wells; and groundwater treatment system consisting of a phase separator, two bag filters, and an air stripper with treated effluent discharge to the surface water of Conewango Creek. Groundwater treatment system startup/shakedown began in late December 1997.

Engineering controls (ECs) at the Site include a vibrated beam barrier wall along the downgradient boundary of the North Soil Area; a storm sewer (Stormceptor) along the west side of the Main Building to capture runoff and mitigate stormwater impact due to infiltration of from potentially contaminated groundwater; a bedding drain and sump located on the downstream side of the outfall bedding to collect potentially impacted bedding groundwater; and asphalt pavement over the areas north and west of the Main Building to reduce recharge and collect stormwater runoff from the areas used to store scrap metal turnings.

Institutional controls (ICs) at the Site consist of a deed restriction to require vapor mitigation or investigation prior to construction of office space; and a long-term groundwater monitoring program to monitor and evaluate the effectiveness of the remedy.

Current OM&M monitoring activities being performed to maintain the long-term operation of the various components included in the Remedial Action are described in the Post-Remedial Operation, Maintenance & Monitoring (OM&M) Plan (Ref. 7).

2.2 Remedial Objectives

The objectives of the Site remedial action are to:

- Create an inward hydraulic gradient between Conewango Creek and the Site, to the extent possible, given the changes in stage in Conewango Creek.
- Prevent migration of contaminated groundwater in the Water Table Aquifer to surface water bodies and the deeper Frewsburg Aquifer.
- Remove contaminants from the extracted groundwater to levels acceptable for discharge to Conewango Creek.

As illustrated in the following sections, the Site remedial action objectives (RAOs) were generally met during the 2014/2015 reporting period. Elevated VOC concentrations were identified in monitoring wells MW-2 and MW-14 during the reporting period; however, volatile organic compounds (VOCs) have been consistently detected in these wells as discussed in Section 3.2. In addition, the hydraulic control from the groundwater collection system appears to be reduced, which likely began during the 2015 winter months, as discussed in Sections 3.1, 4.2, and 6.0.

3.0 OPERATION, MONITORING, AND MAINTENANCE COMPLIANCE

The Post-Remedial OM&M Plan provides details related to the groundwater monitoring network as well as the collection and treatment systems, including the extraction wells, bag filters, transfer pump, phase separator, air stripper, and discharge effluent monitoring.

3.1 Groundwater Extraction System

As shown on Figure 2, the groundwater extraction system network consists of 12 extraction wells located along the downgradient perimeter of the Site, and six extraction wells located within the Central Soil Area. Extraction wells EW-5 and EW-12 contain groundwater level transmitters that are intended to provide elevation monitoring to assist in flow regulation to the groundwater treatment system; however, the level transmitters do not work correctly so the extraction system is balanced manually.

3.1.1 Groundwater Extraction from MW-2 and MW-14

Pumping of MW-2 began on December 7, 2004 due to the persistence of VOCs in groundwater outside the barrier wall. The intent was to pump well MW-2 dry for up to five consecutive days in a month; however, the recharge at MW-2 is slower than the pump used so the well would run dry after approximately three well volumes (typically 1.5 gallons).

In November 2007, a voluntary program was initiated to manually pump groundwater from well MW-14 due to elevated VOC concentrations as compared to nearby upgradient extraction well sample concentrations.

Following assumption of the OM&M responsibilities at the Site in March 2015, Benchmark requested approval from NYSDEC to suspend the OM&M requirement for monthly pumping and sampling of monitoring wells MW-2 and MW-14, in lieu of the already performed semi-annual groundwater sampling, for the following reasons:

- A minimal quantity of impacted groundwater is removed with this effort and therefore provides very little additional benefit.
- Fluctuating VOC concentrations do not provide any additional information beyond that already obtained during semi-annual sampling.
- A supplemental investigation is planned to provide the information necessary to evaluate remedial enhancements in these areas going forward. On April 29, 2015,

Benchmark submitted a Supplemental Investigation Work Plan (Ref. 8) to NYSDEC. In its May 12, 2015 comment letter, NYSDEC requested the supplemental investigation work be implemented and a work plan for remedial enhancements be submitted by August 15, 2015.

3.2 Groundwater Treatment System

Groundwater treatment system OM&M activities include routine and non-routine maintenance of the treatment system equipment and monthly compliance effluent discharge monitoring. Influent samples are also collected semi-annually to monitor trends in influent concentrations and verify treatment system efficiency. Routine maintenance completed during this monitoring period included changing the treatment system bag filters and cleaning the air stripper trays. A log sheet documenting these activities is maintained within the groundwater treatment system building. Monthly monitoring performed on the groundwater treatment system indicates it is achieving the design criteria for the Site.

In addition to routine maintenance work, the following non-routine maintenance activities were undertaken during the reporting period:

- 12/15/14: Hour meter on system not working; new meter installed on 12/23/14.
- 02/15/15: System and building heater were found off. Water pipes frozen and phase separator valve broken.
- 02/19/15: Repaired heater and pipes; ordered new heater.
- 02/20/15 to 02/24/15: Unable to prime groundwater pump. Rebuilt pump. Minimal vacuum upon startup and significant leaking. Water meter likely broken due to building freeze.
- 03/19/15: Installed new groundwater extraction pump. The pump motor was factory wired for 230V/3 phase; motor was rewired to 480V prior to installation. Pump was primed and the system was restarted.
- 04/01/15: Building sump pump not operating; new pump installed.

4.0 POST-REMEDIAL MONITORING COMPLIANCE

The OM&M Plan contains the Post-Remedial Monitoring Plan used to determine the effectiveness and performance of the remedial systems. The components of the monitoring program include:

- Weekly groundwater treatment system inspection
- Monthly treatment system effluent monitoring
- Semi-annual treatment system influent monitoring
- Semi-annual groundwater and surface water hydraulic monitoring (spring and fall)
- Semi-annual groundwater quality monitoring (spring and fall)
- Annual seep inspection (fall) and sampling (if seeps present)

Specific components of the Post-Remedial Monitoring Plan are described below. Groundwater monitoring well data from the October 2014 and April 2015 sampling events has been uploaded to NYSDEC's Environmental Quality Information System (EQUIS) database. Appendix B includes an electronic copy of the analytical data reports.

4.1 Groundwater Treatment System

Groundwater is extracted from the well network using a vacuum pump located within the treatment building. The groundwater is treated via phase separation, filtration, and air stripping then discharged to the low lying wet area adjacent to Conewango Creek. Monthly effluent compliance and semi-annual influent performance samples are analyzed for VOCs.

4.1.1 Inspection

The treatment system is inspected weekly. Inspection reports are completed and maintained in a binder in the treatment building. Any problems noted result in corrective action as discussed in Section 3.2.

4.1.2 Treatment System Effluent Monitoring

Effluent samples and flow measurements are collected on a monthly basis in accordance with the NYSDEC Effluent Limitations and Monitoring Requirements provided as Attachment 2 of the Post-Remedial OM&M Plan. Effluent samples are analyzed for the following parameters:

- Target Compound List (TCL) VOCs (monthly)
- pH range (weekly)
- Oil & grease (monthly)
- Total aluminum, iron, and zinc (monthly)

Table 1 presents a summary of the effluent results for this reporting period compared to the NYSDEC Effluent Limits. Exceedances of these effluent limits include zinc concentrations detected from August 2014 through February 2015, and total VOC concentrations in March and April 2015. Table 2 presents a summary of the individual VOC results for the effluent samples. Acetone slightly exceeded the 5 ug/L effluent limitation for individual VOCs in March 2015. To address the VOC exceedances, the spare set of air stripper trays was installed and the removed trays were power washed to remove residual deposits around the aeration holes. The effluent sample collected on May 20, 2015 indicated no exceedances of the individual or total VOC effluent limitations.

4.1.3 Treatment System Influent Monitoring

The Post-Remedial OM&M Plan requires semi-annual collection of treatment system influent (i.e., prior to entering the treatment system) samples to determine VOC removal rates. Influent groundwater samples were collected and analyzed for TCL VOCs in July 2014, October 2014, and April 2015. As indicated on Table 2, the VOC percent mass removed by the groundwater treatment system exceeded 99%.

4.1.4 Groundwater Quality Monitoring

The April 2015 sampling event included all groundwater monitoring wells whereas the October 2014 sampling event included a subset of the well network. Table 3 summarizes the results of the sampling with a comparison to NYSDEC Class GA groundwater quality standards and guidance values (GWQS/GV) per the Technical and Operational Guidance Series (T.O.G.S.) 1.1.1. In general, these sampling results are consistent with historical concentrations.

As summarized on Table 3, VOCs were not detected in October 2014 above the laboratory reporting limits in shallow (Water Table Aquifer) monitoring wells MW-1, MW-5 through MW-8, and MW-10, or deep (Frewsburg Aquifer) monitoring wells MW-4D and MW-5D. The presence of VOCs in shallow monitoring well MW-4 and the lack of VOCs in

its deep monitoring well pair MW-4D indicates that contaminated groundwater is not migrating from the shallow Water Table Aquifer to the deeper Frewsburg Aquifer.

As illustrated on Table 3, significant concentration decreases were observed in October 2014 at MW-4 and MW-9R; however based on the April 2015 results, the October event appears to have been anomalous. An increased concentration of vinyl chloride in well MW-2 indicates contaminant degradation as vinyl chloride is a breakdown product of cis-1,2-dichloroethene (DCE). TCE and cis-1,2-DCE were detected in well MW-12 during the April 2015 event, potentially attributable to a reduction in hydraulic control by the extraction system as discussed in Section 4.2.

Quality control samples were collected and analyzed for each of the two monitoring events, with the following conclusions:

- Eight samples from the April 2015 sampling event were diluted to bring the concentration of target analytes within the calibration range; therefore, elevated reporting limits are provided. Results reported as non-detect (ND) are presented with the reported method detection limit (MDL).
- The blind duplicate sample for MW-9R (4/28/15) shows excellent correlation; the blind duplicate sample for MW-14 (10/16/14) shows fairly good correlation.
- The trip blanks for the October 2014 sampling event contained methylene chloride at concentration of 1.0 µg/L and TCE at an estimated concentration of 0.57 µg/L.

The laboratory data has been qualified as necessary based on the above quality control sample results.

4.2 Groundwater and Surface Water Hydraulic Monitoring

Water level measurements were recorded for all monitoring wells, piezometers, extraction wells, and in Conewango Creek during the October 2014 and April 2015 groundwater sampling events. Figures 3 and 4 are the isopotential maps created using the groundwater elevation data presented on Table 4. The direction of natural groundwater flow is north toward Conewango Creek when the extraction system is not operational.

Figure 3 illustrates the inward hydraulic gradient between Conewango Creek and the Site created by the groundwater extraction system. Figure 4 indicates a reduced hydraulic gradient in the vicinity of off-site well MW-12. The drawdown created by the extraction

system in October 2014 ranged between 5.5 and 16 feet (average of 13 feet) greater than the drawdown in April 2015. This reduction in drawdown can also be attributed to infiltration from the greater than normal snowmelt as evidenced by the higher water table observed in upgradient monitoring wells (e.g., 3.8 feet higher in MW-8 in April 2015). Corrective measures have been initiated as described in Section 6.0.

4.3 Seep Inspection

SGK Ventures, LLC performed a seep inspection on October 28, 2014 in support of the barrier wall evaluation as more fully discussed in Section 5.1.1; no seeps were observed.

5.0 ENGINEERING AND INSTITUTIONAL CONTROL COMPLIANCE

Several engineering controls (ECs) and institutional controls (ICs) are to be maintained as a requirement of the Order on Consent for the Site.

5.1 Engineering Controls

The Site is subject to the ECs described in the following sections.

5.1.1 *Barrier Wall*

As shown on Figure 2, the barrier wall was constructed along the northern boundary of the Site to prevent migration of impacted groundwater in the Water Table Aquifer from the North Soil Area to Conewango Creek. The effectiveness of the barrier wall is determined based on the results of seep inspections performed along the Creek embankment and the hydraulic and water quality monitoring data from monitoring wells and/or piezometers located within and outside the barrier wall.

Seep inspections were conducted quarterly during the first year of treatment system operation and semi-annually thereafter. No seeps have been identified since system start-up in 1998. It was demonstrated previously that fluctuations in the water table elevation at MW-2 and PZ-3 are related to seasonal conditions and not to changes in the operating parameters of the treatment system. The absence of a response in the water table outside the barrier wall to groundwater pumping within the barrier wall indicates that the slurry wall is an effective hydraulic barrier.

In accordance with the OM&M Plan, a seep inspection was performed in October 2014 (dry weather). No seeps were observed indicating that the barrier wall remains effective in preventing groundwater migration along its length.

5.1.2 *Asphalt Cover System*

A heavy traffic asphaltic pavement pad was installed north of the Main Building where the stainless steel turnings are stored. Runoff to the turnings pad is collected in a trench drain and directed to the existing oil/water separator prior to discharge to Conewango Creek via Outfall 001 under SPDES Permit No. 0171832. The integrity of the asphalt pavement was maintained during the reporting period.

5.1.3 Perimeter Fencing

Based on regular inspections of the Site, the fencing around the property boundary continues to prevent trespassers from entering the Site.

5.1.4 Stormceptor System

Due to possible infiltration of impacted groundwater, the former 36-inch diameter storm sewer that traversed the center of the Site was excavated and replaced with a 28-inch diameter near watertight HDPE storm sewer. Sewer bedding plugs were constructed near the sewer inlet and outfall to prevent groundwater migration through the bedding and discharge to the low lying wet area. The bedding plugs extend approximately two feet in each direction beyond the existing pipe bedding that was reused to bed the new pipe. A bedding drain and sump are located on the downstream side of the outfall bedding (upgradient of the plug) to collect impacted bedding groundwater. Water collected in the sump is transferred to the groundwater treatment system by a submersible sump pump, which normally pumps at a constant rate of approximately 5 gpm.

SGK Ventures, LLC performed quarterly inspections of the storm sewer piping. Global Environmental Industrial (GEI) from Dunkirk, NY vacuumed out the two Stormceptors and storm sewer piping on September 29 & 30, 2014 to remove excess sediment.

5.2 Institutional Controls

5.2.1 Deed Restriction

The Site is subject to a deed restriction filed with the Chautauqua County Clerk office in 1997 and amended in 2011. The amended restriction specifies that:

- If the Property is changed by the addition of a separate building to be used solely as an office, then a Department-approved soil vapor investigation must be conducted at such building unless an approvable vapor intrusion mitigation system is installed in the new structure in the first instance.
- If the Property is used for any other purpose than industrial, a Department approved soil vapor investigation must be conducted at the Property, unless an approvable soil vapor mitigation system is installed at the Property in the first instance in connection with such change of use.

This amended Declaration is and shall be deemed a covenant that shall run with the land, be binding upon all future owners of the Property, and provide that the owner and its successors and assigns consent to its enforcement by the Department and hereby covenants not to contest the authority of the Department to seek enforcement. Any deed of conveyance of the Property, or any portion thereof, shall recite, unless the Department has consented to the termination of such covenants and restrictions that said conveyance is subject to the already recorded and this amended Declaration of Covenants and Restrictions.

5.3 Site Inspection

A Site inspection was conducted by Ms. Lori E. Riker, P.E. and Mr. Thomas H. Forbes, P.E. of Benchmark on February 6, 2015. The NYSDEC PRR Institutional and Engineering Controls (IC/EC) Certification Form was referenced during the inspection. Appendix A includes the certified IC/EC form. At the time of the inspection, the Site appeared to be in compliance with the IC/ECs; however, upon assuming the OM&M activities at the Site, Benchmark discovered that the extraction system is no longer operating as intended.

6.0 CORRECTIVE MEASURES WORK PLAN

This Corrective Measures Work Plan has been prepared to address the reduced hydraulic gradient observed in April 2015. Based on the extremely cold winter, higher frost line, and lack of drawdown in the extraction wells, Benchmark surmised that the 1.5-inch diameter low carbon steel vacuum extraction piping to the wells and/or the 3-inch diameter HDPE vacuum extraction header are cracked causing system leaks and loss of vacuum. On June 1, GEI was on-site to vacuum out the extraction system in order to remove dirt/debris and determine if there are potential leaks in the system. Mr. Don Burr, formerly of Burrwin Construction, performed leak detection analysis while GEI was vacuuming the system. Mr. Burr has considerable leak detection experience on systems operating under vacuum.

The piping connecting the groundwater pump to the extraction system header was removed and vacuum was applied directly to the header pipe. None of the pitless adapters appeared to be leaking and no leaks were detected in the piping; however as discussed below, the foot valves were found to be leaking in extraction wells 2, 3, 5, 6, 15, and 17. A total of 1,200 gallons of groundwater was removed during the vacuuming. The drawdown in extraction wells 1, 2, and 3 was measured at approximately 16 below top of riser as soon as vacuum was applied to the system. An estimated 1,000 gallons of groundwater were removed from wells 1 through 10 before the system started drawing in air due to drawdown below the extraction pipes. An estimated 200 gallons of groundwater were removed from wells 11 through 18 before that side of the extraction system started producing air.

The extraction system was then pressurized with potable water and checked for leaks; no leaks were detected other than at the foot valves. The groundwater pump was reconnected and primed; however, the pump would only produce 5 to 7 inches of vacuum with both header valves open. To check pump operation, the extraction system piping was disconnected and a potable water source was connected to the groundwater pump. With the pump full of water and the discharge valve closed, the vacuum gauge only indicated 5 inches of vacuum.

On June 4, Jim Bell of Siewert Equipment (Rochester, NY) was on-site with Mike Hutchinson (Benchmark) to inspect the groundwater pump that was installed on March 19, 2015. Mr. Bell determined that the groundwater pump is operating properly but losing prime (air-locking). The pump was re-primed and isolated extraction wells 1 through 10 (north

side) and were able to draw the groundwater table down 11-13 feet; however after 20 minutes, the pump lost prime. It is suspected that the cause is leaking header valves inside the building, causing air entrainment. Replacement of the 3-inch Schedule 80 PVC ball valves is scheduled for June 17, 2015.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 Conclusions

During the reporting period, all OM&M activities were performed in accordance with the OM&M Plan with exceptions noted in Section 3.1.1. Operations at the Site ceased on March 31, 2015; however, personnel remained on-site to remove equipment, inventory, and waste. Components of the post-closure IC/EC requirements that have achieved the RAOs for the Site are as follows:

- Migration of contaminated groundwater in the Water Table Aquifer to the deeper Frewsburg Aquifer through operation of the groundwater extraction system as well as the presence of the clay confining layer that separates the aquifers.
- The barrier wall remains effective in controlling contaminant migration along its length.
- Contaminants from the extracted groundwater are generally removed by the air stripper treatment system to levels acceptable for discharge.

Components of the post-closure IC/EC requirements that have not achieved the RAOs for the Site are as follows:

- The inward hydraulic gradient between Conewango Creek and the Site typically created through operation of the groundwater extraction system has been diminished. Isopotential mapping for the April 2015 monitoring event indicates a reduced hydraulic gradient at the western end of the groundwater plume. An inward hydraulic gradient was still observed along the length of the barrier wall.

7.2 Recommendations

The following activities should be undertaken to assure OM&M Plan compliance and continued reliability of the groundwater remedial system:

- Perform supplemental investigations in the vicinity of well MW-2 and wells MW-13 and MW-14 to assess enhancement options for groundwater remediation.
- Replace the header valves and rebalance the extraction system in order to regain the inward hydraulic gradient.

8.0 DECLARATION/LIMITATION

Benchmark Environmental Engineering & Science, PLLC personnel conducted the annual Site inspection for Inactive Hazardous Waste Site No. C907016, located in Frewsburg, New York, according to generally accepted practices. This report complies with the scope of work provided to SGK Ventures, LLC by Benchmark Environmental Engineering & Science, PLLC.

This PRR has been prepared for the exclusive use of SGK Ventures, LLC. The contents of this PRR are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of SGK Ventures, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

9.0 REFERENCES

1. New York State Department of Environmental Conservation. *DER-10/Technical Guidance for Site Investigation and Remediation*. May 3, 2010.
2. New York State Department of Environmental Conservation. *Record of Decision, Vac Air Alloys Inactive Hazardous Waste Site, Town of Carroll, Chautauqua County, New York, Site No. 907016*. March 1996.
3. Conestoga-Rovers & Associates. *Evaluation of North Soil Area Remedial Alternatives, Vac Air Alloys Division, Frewsburg, New York*. May 1996.
4. New York State Department of Environmental Conservation. *Order on Consent, Index #B9-0333-90-05*. September 1996.
5. Conestoga-Rovers & Associates. *Final Remedial Design Report, Vac Air Alloys Site, Frewsburg, New York, NYSDEC Site No. 907016*. June 1997.
6. Conestoga-Rovers & Associates. *Final Remedial Construction Report, Vac Air Alloys Site, Frewsburg, New York, NYSDEC Site No. 907016*. July 1998.
7. Benchmark Environmental Engineering & Science, PLLC. *Post-Remedial Operation, Maintenance & Monitoring (OM&M) Plan, Former Vac Air Alloys Site, Frewsburg, New York, Inactive Hazardous Waste Site No. C907016*. May 2011 (updated April 2015).
8. Benchmark Environmental Engineering & Science, PLLC. *Supplemental Investigation Work Plan Letter, Former Vac Air Alloys Site, Frewsburg, New York, Site No. C907016*. April 29, 2015.

TABLES

TABLE 1

SUMMARY OF TREATMENT SYSTEM EFFLUENT DATA
ANNUAL PERIODIC REVIEW REPORT (MAY 1, 2014 TO APRIL 30, 2015)

FORMER VAC AIR ALLOYS SITE
FREWSBURG, NEW YORK

Parameter	Units	Measurement Frequency	Effluent Limits (Daily Max.)	5/13/2014	6/24/2014	7/9/2014	8/27/2014	9/15/2014	10/16/2014	11/17/2014	1/14/2015	2/16/2015	3/25/2015	4/28/2015
VOCs	ug/L	Monthly	10	4.3 J	0.41 J	8.04 J	5.73 J	4.20 J	5.17 J	4.34 J	7.18 J	8.87 J	15.1 J	14.4 J
Oil & Grease	mg/L	Monthly	15	9 B	2.7 J, B	2.3 J	3.6 J	3.1 J	ND<1.6	1.8 J	2.1 J	1.8 J	3.0 J	ND<0.46
Aluminum	ug/L	Monthly	2,700	ND<16	22 J	16 J	ND<16	ND<16	ND<16	27 J, B	ND<16	ND<16	ND<16	20 J
Iron	ug/L	Monthly	2,000	ND<9.5	280	57 J	1,600	1,800 B	170	670	46 J	150	530	340
Zinc	ug/L	Monthly	400	64	10 J	7.8 J	1,100	1,300	980	1,500 B	1,100 B	760	170	ND<7
pH	S.U.	Weekly	6.0-9.0	7.51	8.12	6.78	7.89	7.68	7.58	7.70	7.51	7.12	8.15	8.0
Flow (Daily Max for Month) ¹	gpm	Daily	--	2.0	1.6	1.8	2.1	2.0	1.6	1.4	1.2	1.2	0.5	1.7
	gpd		50,000	2,880	2,304	2,592	3,024	2,880	2,304	2,016	1,728	1,728	720	2,376

Notes:

1. Instantaneous measurement at time of sampling; not calculated using flow totalizer and hour meter readings.

Acronyms:

J = Estimated result; less than reporting limit but greater than method detection limit

B = Analyte also detected in method or trip blank

ND<8.5 = Not detected above the method detection limit of 8.5

Color Codes:

BOLD = Value exceeds effluent limit



TABLE 2

SUMMARY OF TREATMENT SYSTEM VOC ANALYTICAL RESULTS
ANNUAL PERIODIC REVIEW REPORT (MAY 1, 2014 TO APRIL 30, 2015)

FORMER VAC AIR ALLOYS SITE
FREWSBURG, NEW YORK

Sample Date	Concentration (ug/L) ¹													
	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	2-Butanone	Bromoform	Chloroform	Chloro-methane	CDBM	DCBM	Acetone	Methylene Chloride	TOTAL VOCs
Influent														
7/9/2014	8,300	ND<120	2,200	ND<68	ND<91	ND<220	ND<77	ND<68	ND<110	ND<55	ND<52	ND<1,000	ND<50	10,500
10/16/2014	930	250 J	170,000	190 J	38,000	ND<270	ND<0.19	0.27 J	ND<140	ND<0.14	ND<0.13	ND<2.5	ND<0.13	209,370 J
4/28/2015	5000	ND<14	5.0	ND<70	110	3.3 J	ND<65	ND<70	ND<70	ND<15	ND<15	3.2 J	ND<70	5,122 J
Effluent														
5/13/2014	1 J	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	ND<0.19	ND<0.17	ND<0.28	ND<0.14	ND<0.13	3.3 J	ND<0.13	4.3 J
6/24/2014	0.14 J	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	ND<0.19	0.27 J	ND<0.28	ND<0.14	ND<0.13	ND<2.5	ND<0.13	0.41 J
7/9/2014	ND<0.14	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	4.6	0.26 J	ND<0.28	2.3	0.88 J	ND<2.5	ND<0.13	8.04 J
8/27/2014	ND<0.14	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	3.0	0.18 J	ND<0.28	1.9	0.65 J	ND<2.5	ND<0.13	5.73 J
9/15/2014	0.25 J	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	1.8	0.22 J	ND<0.28	1.4	0.53 J	ND<2.5	ND<0.13	4.20 J
10/16/2014	ND<0.14	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	2.9	ND<0.17	ND<0.28	1.7	0.57 J	ND<2.5	ND<0.13	5.17 J
11/17/2014	ND<0.14	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	2.1	0.25 J	ND<0.28	1.4	0.59 J	ND<2.5	ND<0.13	4.34 J
1/14/2015	1.5	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	2.8	0.29 J	0.29 J	1.6	0.70 J	ND<2.5	ND<0.13	7.18 J
2/16/2015	0.6 J	ND<0.30	ND<0.24	ND<0.17	ND<0.23	ND<0.55	2.0	0.21 J	ND<0.28	1.3	0.56 J	4.2 J	ND<0.13	8.87 J
3/25/2015	2.9	ND<0.30	2.6	ND<0.17	ND<0.23	2.8 J	ND<0.19	ND<0.17	ND<0.28	ND<0.14	ND<0.13	6.8	ND<0.13	15.1 J
4/28/2015	2.9	ND<0.14	5.0	ND<0.70	ND<0.07	3.3 J	ND<0.65	ND<0.70	ND<0.70	ND<0.15	ND<0.15	3.2 J	ND<0.70	14.4 J
Treatment System Removal Efficiency														
7/9/2014														99.923%
10/16/2014														99.998%
4/28/2015														99.719%

Notes:

- Only those parameters with detectable concentrations during at least one event are included.

Acronyms:

J = Estimated result; less than reporting limit but greater than method detection limit

ND<1.0 = Analyte not detected above method detection limit of 1.0 ug/L

CDBM = Chlorodibromomethane

DCBM = Dichlorobromomethane

TCE = Trichloroethene

DCE = Dichloroethene

VOC = Volatile organic compounds

Color Codes:

BOLD = Individual VOC concentration exceeds effluent limit of 5 ug/L.

BOLD = Total VOC concentration exceeds effluent limit of 10 ug/L.



TABLE 3

SUMMARY OF GROUNDWATER ANALYTICAL DATA
ANNUAL PERIODIC REVIEW REPORT (MAY 1, 2014 TO APRIL 30, 2015)

FORMER VAC AIR ALLOYS SITE
FREWSBURG, NEW YORK

TCL VOC Parameters ¹	GWQS/GV ² (ug/L)	MW 1		MW 2				MW 3				MW 4				MW-4D		MW 5		MW-5D		MW 6		MW 7		MW 8	
		4/21/2014	4/29/2015	11/19/2013	4/21/2014	10/28/2014	4/29/2015	11/19/2013	4/21/2014	10/28/2014	4/29/2015	11/19/2013	4/21/2014	10/28/2014	4/29/2015	4/22/2014	4/29/2015	4/21/2014	4/29/2015	4/21/2014	4/29/2015	4/22/2014	4/29/2015	4/21/2014	4/29/2015	4/21/2014	4/29/2015
Acetone	50	ND<2.5	ND<1.5	ND<13,000	ND<1,300	ND<2,700	ND<3600	ND<630	ND<630	ND<27	ND<150	ND<2,500	ND<2,500	ND<2.7	ND<1500	ND<2.5	ND<1.5	ND<2.5	ND<1.5	ND<2.5	ND<1.5	ND<2.5	ND<1.5	ND<2.5	ND<1.5	ND<2.5	ND<1.5
Benzene	1	ND<0.11	ND<0.16	ND<530	ND<53	ND<80	ND<400	ND<26	ND<26	ND<0.80	ND<16	ND<110	ND<110	ND<0.08	ND<160	ND<0.11	ND<0.16	ND<0.11	ND<0.16	ND<0.11	ND<0.16	ND<0.11	ND<0.16	ND<0.11	ND<0.16	ND<0.11	ND<0.16
2-Butanone	--	ND<0.55	ND<1.9	ND<2,700	ND<270	ND<2,300	ND<4800	ND<140	ND<140	ND<23	ND<190	ND<550	ND<550	ND<2.3	ND<1900	ND<0.55	ND<1.9	ND<0.55	ND<1.9	ND<0.55	ND<1.9	ND<0.55	ND<1.9	ND<0.55	ND<1.9	ND<0.55	ND<1.9
Carbon disulfide	--	ND<0.21	ND<1	ND<1,100	ND<110	ND<130	ND<2500	ND<53	ND<53	ND<1.3	ND<100	ND<210	ND<210	ND<0.13	ND<1000	ND<0.21	ND<1	ND<0.21	ND<1	ND<0.21	ND<1	ND<0.21	ND<1	ND<0.21	ND<1	ND<0.21	ND<1
Chloroform	7	ND<0.17	ND<0.70	1,200 J,B	ND<85	ND<80	ND<1,800	73 J,B	ND<43	ND<0.80	ND<70	260 J,B	ND<170	ND<0.080	ND<700	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70
1,1-Dichloroethene	5	ND<0.30	ND<0.14	ND<1,500	ND<150	850 J	ND<360	ND<74	ND<74	2.9 J	ND<14	ND<300	ND<300	ND<0.090	ND<140	ND<0.30	ND<0.14	ND<0.30	ND<0.14	ND<0.30	ND<0.14	ND<0.30	ND<0.14	ND<0.30	ND<0.14	ND<0.30	ND<0.14
2-Hexanone	50	ND<0.16	ND<1	ND<800	ND<80	ND<500	ND<2500	ND<40	ND<40	ND<5.0	ND<100	ND<160	ND<160	ND<0.50	ND<1000	ND<0.16	ND<1	ND<0.16	ND<1	ND<0.16	ND<1	ND<0.16	ND<1	ND<0.16	ND<1	ND<0.16	ND<1
Methylene chloride	5	ND<0.13	ND<0.70	ND<630	970 J	ND<180	ND<1800	ND<31	53 J	ND<1.8	ND<70	ND<130	550 J	ND<0.18	ND<700	ND<0.13	ND<0.70	ND<0.13	ND<0.70	ND<0.13	ND<0.70	ND<0.13	ND<0.70	ND<0.13	ND<0.70	ND<0.13	ND<0.70
cis-1,2 Dichloroethene	5	ND<0.24	ND<0.70	87,000	71,000	290,000	110,000	1,200	1,800	640	1,100	2,800	5,300	ND<0.18	3,000	ND<0.24	ND<0.70	ND<0.24	ND<0.70	ND<0.24	ND<0.70	ND<0.24	ND<0.70	ND<0.24	ND<0.70	ND<0.24	ND<0.70
trans-1,2-Dichloroethene	5	ND<0.17	ND<0.70	ND<850	85 J	580 J	ND<1800	ND<42	ND<42	4.8 J	ND<70	ND<170	ND<170	ND<0.13	ND<700	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70	ND<0.17	ND<0.70
4-Methyl-2-pentanone	--	ND<0.53	ND<1	ND<2,600	ND<260	ND<990	ND<2500	ND<130	ND<130	ND<9.9	ND<100	ND<530	ND<530	ND<0.99	ND<1000	ND<0.53	ND<1	ND<0.53	ND<1	ND<0.53	ND<1	ND<0.53	ND<1	ND<0.53	ND<1	ND<0.53	ND<1
Trichloroethene	5	0.20 J	ND<0.18	ND<720	140 J	590 J	ND<440	4,200	6,100	1,800	3,400	27,000	25,000	0.45 J	35,000	ND<0.14	0.29 J	ND<0.14	ND<0.18	ND<0.14	ND<0.18	ND<0.14	ND<0.18	0.14 J	ND<0.18	0.15 J	ND<0.18
Vinyl chloride	2	ND<0.23	ND<0.07	22,000	12,000	57,000	70,000	ND<57	ND<57	ND<1.4	ND<7	ND<230	ND<1,000	ND<0.14	ND<70	ND<0.23	ND<0.07	ND<0.23	ND<0.07	ND<0.23	ND<0.07	ND<0.23	ND<0.07	ND<0.23	ND<0.07	ND<0.23	ND<0.07

TCL VOC Parameters ¹	GWQS/GV ² (ug/L)	MW 9R					MW 10		MW 11R					MW 12					MW 13				MW 14				
		11/19/2013	4/22/2014	10/28/2014	4/29/2015	Duplicate ³	4/21/2014	4/29/2015	11/19/2013	4/22/2014	Duplicate ³	10/28/2014	4/29/2015	11/20/2013	Duplicate ³	4/21/2014	10/28/2014	4/29/2015 ⁴	11/20/2013	4/21/2014	10/28/2014	4/29/2015	11/19/2013	4/21/2014	10/28/2014	Duplicate ³	4/29/2015
Acetone	50	ND<1,300	ND<500	65	ND<150	ND<150	ND<2.5	ND<1.5	ND<5,000	ND<250	ND<250	ND<13	ND<730	ND<2.5	ND<2.5	ND<2.5	ND<2.7	ND<73	ND<630	ND<500	ND<27	ND<150	ND<2,500	ND<2,500	ND<67	ND<27	ND<360
Benzene	1	ND<53	ND<21	0.089 J	ND<16	ND<16	0.17 J	ND<0.16	ND<210	ND<11	ND<11	ND<0.40	ND<80	ND<0.11	ND<0.11	ND<0.11	ND<0.08	ND<8	ND<26	ND<21	ND<0.80	ND<16	ND<110	ND<110	ND<2.0	ND<0.80	ND<40
2-Butanone	--	ND<270	ND<110	9.6	260 J	250 J	ND<0.55	ND<1.9	ND<1,100	ND<55	ND<55	ND<12	1,300 J	ND<0.55	ND<0.55	ND<0.55	ND<2.3	ND<97	ND<140	ND<110	ND<23	ND<190	ND<550	ND<550	ND<58	ND<23	ND<480
Carbon disulfide	--	ND<110	ND<42	3	ND<100	ND<100	ND<0.21	ND<1	ND<420	ND<21	ND<21	ND<0.65	ND<500	ND<0.21	ND<0.21	ND<0.21	ND<0.13	ND<50	ND<53	ND<42	ND<1.3	ND<100	ND<210	ND<210	ND<3.3	ND<1.3	ND<250
Chloroform	7	150 J,B	ND<34	ND<0.08	ND<70	ND<70	ND<0.17	ND<0.70	780 J,B	ND<17	ND<17	ND<0.40	ND<350	ND<0.17	ND<0.17	ND<0.17	ND<0.08	ND<35	160 J,B	ND<34	ND<0.80	ND<70	350 J,B	ND<170	ND<2.0	ND<0.80	ND<180
1,1-Dichloroethene	5	ND<150	ND<59	2.9 J	ND<14	ND<14	ND<0.30	ND<0.14	ND<590	ND<30	ND<30	1.7 J	ND<71	ND<0.30	ND<0.30	ND<0.30	ND<0.09	ND<7.1	ND<74	ND<59	3.7 J	ND<14	ND<300	ND<300	12 J	4.7 J	ND<36
2-Hexanone	50	ND<80	ND<32	1.2 J	ND<100	ND<100	ND<0.16	ND<1	ND<320	ND<16	ND<16	ND<2.5	ND<500	ND<0.16	ND<0.16	ND<0.16	ND<0.50	ND<50	ND<40	ND<32	ND<5.0	ND<100	ND<160	ND<160	ND<13	ND<5.0	ND<250
Methylene chloride	5	ND<630	220	ND<0.18	ND<70	ND<70	ND<0.13	ND<0.70	ND<250	130	110	ND<0.90	ND<350	ND<0.13	ND<0.13	ND<0.13	ND<0.18	ND<35	ND<31	270	ND<1.8	ND<70	ND<130	1,300	ND<4.5	ND<1.8	ND<180
cis-1,2 Dichloroethene	5	4,000	3,300	640	3,100	3,000	ND<0.24	ND<0.70	4,300	1,000	990	580	3,600	ND<0.24	ND<0.24	ND<0.24	ND<0.18	93 J	1,100	2,100	3,200	1,600	3,900	2,700	5,000	4,900	1,300
trans-1,2-Dichloroethene	5	ND<500	39 J	2.0 J	ND<70	ND<70	ND<0.17	ND<0.70	ND<340	ND<17	ND<17	3.1 J	ND<350	ND<0.17	ND<0.17	ND<0.17	ND<0.13	ND<35	ND<42	ND<34	140	ND<70	ND<170	ND<170	28	42	ND<180
4-Methyl-2-pentanone	--	ND<260	ND<110	7	ND<100	ND<100	ND<0.53	ND<1	ND<1,100	ND<53	ND<53	ND<5	ND<500	ND<0.53	ND<0.53	ND<0.53	ND<0.99	ND<50	ND<130	ND<110	ND<9.9	ND<100	ND<530	ND<530	ND<25	ND<9.9	ND<250
Trichloroethene	5	5,300	2,800	1.8	1,600	1,400	ND<0.14	ND<0.18	33,000	2,000	2,000	910	14,000	0.27 J	ND<0.14	0.26 J	0.29 J	3,200	2,500	2,500	180	7,600	14,000	15,000	7,800	4,500	9,700
Vinyl chloride	2	450 J	360	4.9	250	250	ND<0.23	ND<0.07	ND<450	ND<23	ND<23	1.9 J	ND<35	ND<0.23	ND<0.23	ND<0.23	ND<0.14	ND<3.5	ND<57	ND<45	3.1 J	ND<7.0	ND<230	ND<230	20 J	8.6 J	ND<17

Notes:

- 1. All concentrations are reported in the units of ug/L.
- 2. NYSDEC Class GA Groundwater Quality Standards and Guidance Values per Technical & Operational Guidance Series (TOGS 1.1.1).
- 3. MW-11R, MW-12, MW-14, and MW-9R blind duplicates collected on 4/22/14, 11/20/13, 10/28/14, and 4/29/15, respectfully.
- 4. Groundwater measured at 0.1-inch below top of riser

Acronyms:

ND<2.5 = Parameter not detected above the Method Detection Limit (MDL) of 2.5 ug/L.
J = Estimated value; result is less than the Reporting Limit but greater than or equal to the MDL.
B = The associated method blank or trip blank contains the target analyte at a reportable level.
TCL VOC = Target compound list volatile organic compound

BOLD = Result exceeds GWQS/GV

TABLE 4

**GROUNDWATER AND SURFACE WATER ELEVATIONS
ANNUAL PERIODIC REVIEW REPORT (MAY 1, 2014 TO APRIL 30, 2015)**

**FORMER VAC AIR ALLOYS SITE
FREWSBURG, NEW YORK**

Identification No.	Northing	Easting	Well Screen Interval		TOR Elevation ¹	10/16/14		04/28/15	
						Static Depth to Water	Groundwater Elevation	Static Depth to Water	Groundwater Elevation
			(fbgs)	(fmsl)	(fbTOR)	(fmsl)	(fbTOR)	(fmsl)	
Shallow (Water Table Aquifer) Groundwater Monitoring Wells									
MW-1	753582.272	993176.910	13.0	18.0	1260.60	7.87	1252.73	5.13	1255.47
MW-2	754709.398	992707.170	8.0	13.0	1251.60	12.69	1238.91	10.17	1241.43
MW-3	754489.895	992385.281	10.0	20.0	1252.30	12.66	1239.64	8.98	1243.32
MW-4	754309.896	992361.619	8.0	18.0	1250.10	6.37	1243.73	3.45	1246.65
MW-5	753946.741	992257.513	8.0	18.0	1256.50	10.03	1246.47	6.65	1249.85
MW-6	754411.051	992998.558	9.0	16.0	1253.70	6.88	1246.82	6.47	1247.23
MW-7	754152.401	992169.996	14.0	24.0	1253.76	9.33	1244.43	7.80	1245.96
MW-8	753782.558	992527.862	8.0	18.0	1256.65	8.02	1248.63	4.18	1252.47
MW-9R ²	754468.882	992566.048	13.0	23.0	1249.88	11.17	1238.71	4.13	1245.75
MW-10	NM	NM	12.9	22.9	1253.50	8.87	1244.63	5.25	1248.25
MW-11R ²	754185.012	992774.749	10.0	15.0	1250.80	11.21	1239.59	3.83	1246.97
MW-12	754377.212	992165.746	8.8	13.8	1243.08	1.57	1241.51	0.10	1242.98
MW-13	754425.429	992258.073	8.0	18.0	1246.04	7.73	1238.31	2.48	1243.56
MW-14	754515.841	992312.910	8.0	18.0	1247.46	9.01	1238.45	6.53	1240.93
Deep (Frewsburg Aquifer) Groundwater Monitoring Wells									
MW-4D	NM	NM	NM	NM	1249.37	15.21	1234.16	6.87	1242.50
MW-5D	753930.294	992256.958	NM	NM	1255.14	18.69	1236.45	6.03	1249.11
Piezometers									
PZ-1 ²	754223.607	992742.288	NM	NM	1250.22	6.43	1243.79	3.74	1246.48
PZ-2	754517.869	992960.618	8.00	18.00	1247.43	6.11	1241.32	4.32	1243.11
PZ-3	754633.236	992814.195	NM	NM	1250.82	7.48	1243.34	5.68	1245.14
Surface Water									
SG-1	754582.568	992242.369	NA	NA	1253.91	18.65	1235.26	20.21	1233.70

Notes:

1. Top of riser elevation based upon an assumed datum of surveyed by others.
2. Surveyed using known monitoring well riser elevations (MW-10 & MW-3) on 4/20/11 by Benchmark personnel.
3. Included for reference; surface water elevation of Conewango Creek will be measured.

Acronyms:

DTW = depth to water
TOR = top of riser
fmsl = feet above mean sea level

fbgs = feet below ground surface
NA = Not applicable
NM = Not measured

TABLE 4

GROUNDWATER AND SURFACE WATER ELEVATIONS
ANNUAL PERIODIC REVIEW REPORT (MAY 1, 2014 TO APRIL 30, 2015)
FORMER VAC AIR ALLOYS SITE
FREWSBURG, NEW YORK

Identification No.	Bottom of Screened Interval Elevation	Ground Elevation	10/16/14		04/28/15	
			Static Depth to Water	Groundwater Elevation	Static Depth to Water	Groundwater Elevation
	(fbgs)	(fmsl)	(fbgs)	(fmsl)	(fbgs)	(fmsl)
Extraction Wells (barrier wall alignment)						
EW-1	1230.02	1246.00	19.27	1226.73	3.22	1242.78
EW-2	1228.68	1246.48	19.48	1227.00	3.70	1242.78
EW-3	1230.10	1247.85	19.63	1228.22	5.90	1241.95
EW-4	1231.18	1248.93	20.11	1228.82	NM	--
EW-5	1227.35	1249.35	19.71	1229.64	5.92	1243.43
EW-6	1226.18	1249.93	19.35	1230.58	6.52	1243.41
EW-7	1227.85	1249.60	20.02	1229.58	NM	--
EW-8	1231.85	1249.10	19.86	1229.24	7.24	1241.86
EW-9	1232.18	1250.10	19.39	1230.71	6.35	1243.75
EW-10	1230.93	1249.10	19.16	1229.94	13.65	1235.45
EW-11	1232.35	1249.35	19.52	1229.83	6.50	1242.85
EW-12	1230.02	1251.00	19.25	1231.75	5.40	1245.60
Extraction Wells (near MW-11R)						
EW-13	1231.85	1251.60	19.01	1232.59	4.74	1246.86
EW-14	1233.60	1251.35	19.84	1231.51	6.34	1245.01
EW-15	1233.52	1251.27	19.47	1231.80	4.54	1246.73
EW-16	1231.52	1251.00	19.59	1231.41	NM	--
EW-17	1231.52	1251.27	19.13	1232.14	3.88	1247.39
EW-18	1227.18	1250.93	19.55	1231.38	NM	--

Notes:

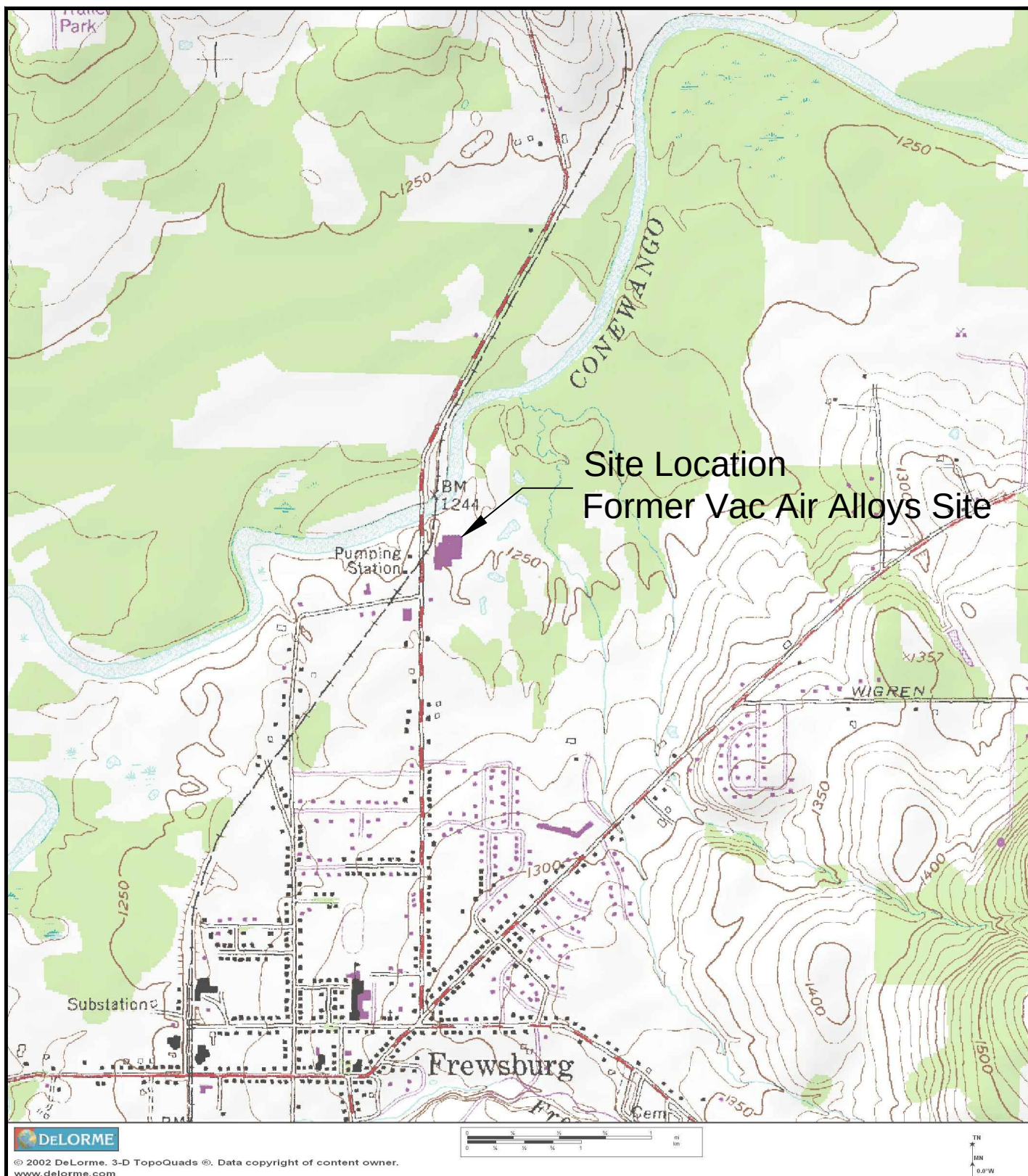
1. Top of riser elevation based upon an assumed datum of surveyed by others.
2. Surveyed using known monitoring well riser elevations (MW-10 & MW-3) on 4/20/11 by Benchmark personnel.
3. Included for reference; surface water elevation of Conewango Creek will be measured.

Acronyms:

DTW = depth to water	fbgs = feet below ground surface
TOR = top of riser	NA = Not applicable
fmsl = feet above mean sea level	NM = Not measured due to product obstructing the well

FIGURES

FIGURE 1



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www.delorme.com



2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

SITE LOCATION AND VICINITY MAP

ANNUAL PERIODIC REVIEW REPORT

FORMER VAC AIR ALLOYS SITE
INACTIVE HAZARDOUS WASTE SITE NO. C907016
FREWSBURG, NEW YORK

PREPARED FOR
SGK VENTURES, LLC

PROJECT NO.: 0095-015-002

DATE: JUNE 2015

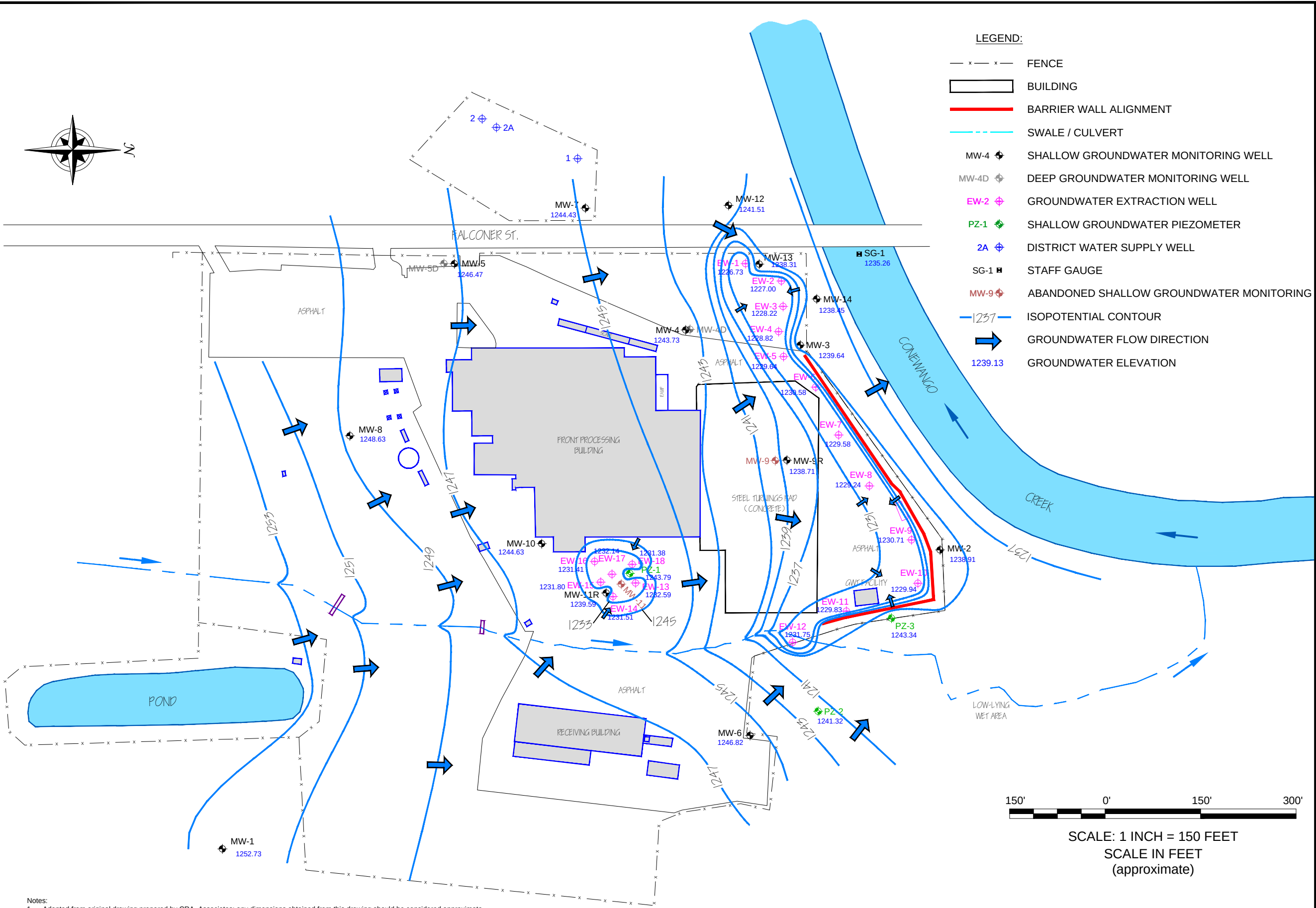
DRAFTED BY: BLR



F:\CAD\Benchmark\SGK Ventures LLC (formerly Keywell LLC)\Annual & Semi-Annual Reporting\June 2015 Annual PRR\Figure 3: Isopotential Map for October 2014.dwg

DATE: JUNE 2015
DRAFTED BY: BLR

Notes:
1. Adapted from original drawing prepared by CRA, Associates; any dimensions obtained from this drawing should be considered approximate.



**SHALLOW GROUNDWATER
ISOPOTENTIAL MAP FOR OCTOBER 2014**
ANNUAL PERIODIC REVIEW REPORT
FORMER VAC AIR ALLOYS SITE
INACTIVE HAZARDOUS WASTE SITE NO. C907016
FREWSBURG, NEW YORK
PREPARED FOR
SGK VENTURES, LLC

BENCHMARK
ENVIRONMENTAL
ENGINEERING
SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0095-015-002

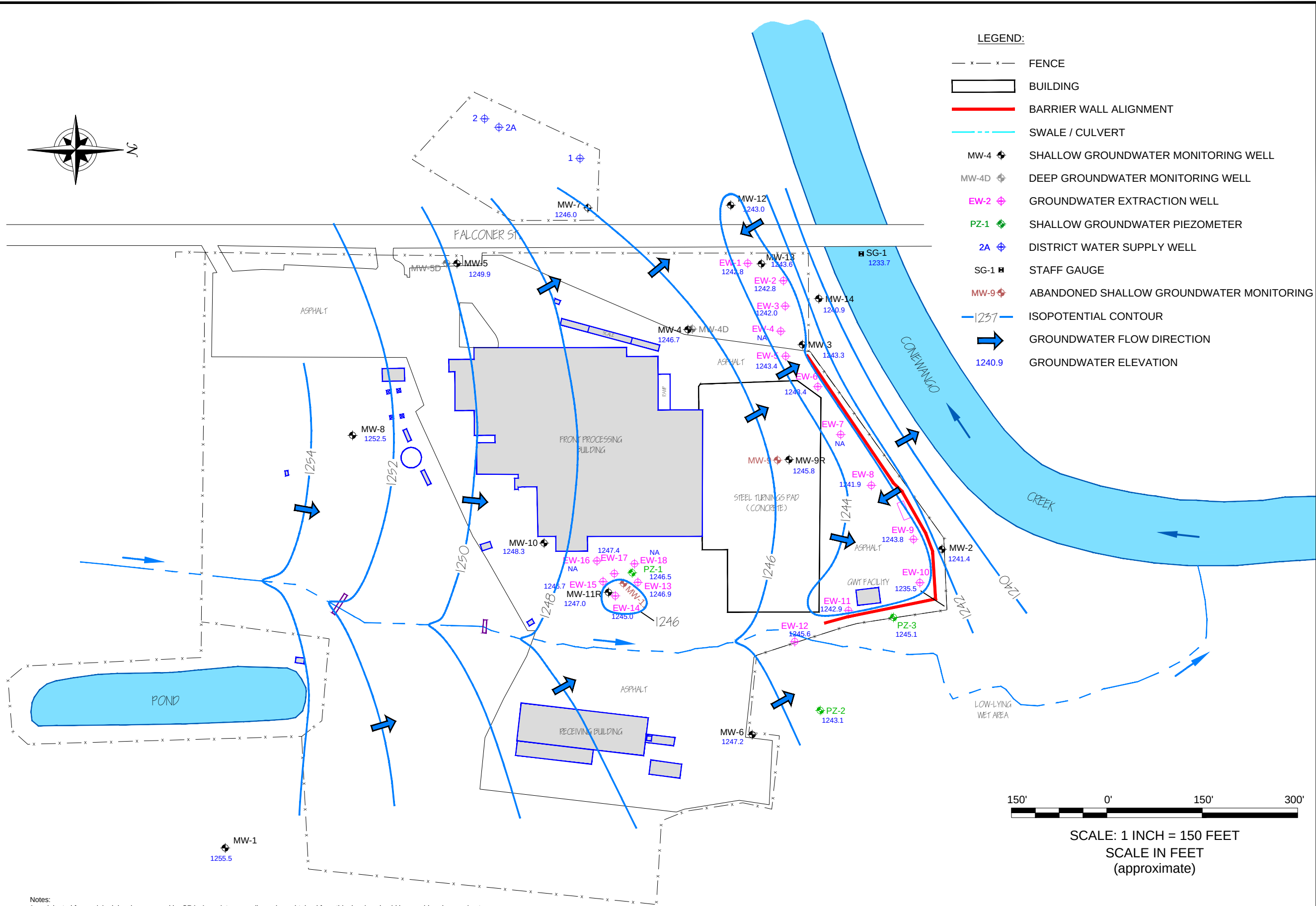
FIGURE 3

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

F:\CAD\Benchmark\SGK Ventures LLC (formerly Keywell LLC)\Annual & Semi-Annual Reporting\June 2015 Annual PRR\Figure 4 - Isopotential Map for April 2015.dwg

DATE: JUNE 2015
DRAFTED BY: BLR

- Notes:
- Adapted from original drawing prepared by CRA, Associates; any dimensions obtained from this drawing should be considered approximate.
 - NA = Not accessible



**SHALLOW GROUNDWATER
ISOPOTENTIAL MAP FOR APRIL 2015**
ANNUAL PERIODIC REVIEW REPORT
FORMER VAC AIR ALLOYS SITE
INACTIVE HAZARDOUS WASTE SITE NO. C907016
FREWSBURG, NEW YORK
PREPARED FOR
SGK VENTURES, LLC

BENCHMARK
ENVIRONMENTAL
ENGINEERING
SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

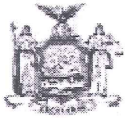
JOB NO.: 0095-015-002

FIGURE 4

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

APPENDIX A

NYSDEC INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. 907016

Site Name ~~Keywell L.L.C. Vac Air Division~~ SGK Ventures, LLC Former Vac Air Alloys Site
300 Falconer St.
Site Address: ~~Falconer Road~~ Zip Code: 14738
City/Town: Carroll
County: Chautauqua
Site Acreage: 15.0

Reporting Period: ~~February 05, 2009 to May 18, 2015~~ May 1, 2014 to April 30, 2015

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Is the information above correct? | ☐ | ☒ |
| If NO, include handwritten above or on a separate sheet. | | |
| 2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? | ☐ | ☒ |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? Operations ceased March 31, 2015 | ☒ | ☐ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | ☐ | ☒ |
| If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form. | | |
| 5. Is the site currently undergoing development? | ☐ | ☒ |

Box 2

- | | YES | NO |
|---|-------------------------------------|-------------------------------------|
| 6. Is the current site use consistent with the use(s) listed below?
Industrial | ☒ | ☐ |
| 7. Are all ICs/ECs in place and functioning as designed? | ☐ | ☒ |

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.



Signature of Owner, Remedial Party or Designated Representative

6-15-15

Date

APPENDIX B

ANALYTICAL DATA REPORTS

(PROVIDED ELECTRONICALLY)

APPENDIX B1

ANALYTICAL DATA REPORTS

MONTHLY MONITORING

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-32748-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

5/28/2014 1:17:43 PM

Craig Addison, Project Management Assistant I

(412)963-7058

craig.addison@testamericainc.com

Designee for

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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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12

13

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	10
QC Sample Results	16
QC Association Summary	21
Chain of Custody	22
Receipt Checklists	23



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Job ID: 180-32748-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-32748-1

Receipt

The samples were received on 5/14/2014 10:19 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

Method 8260C: The following sample were diluted to bring the concentration of target analytes within the calibration range: MW14 (180-32748-2), MW2 (180-32748-1). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-14
California	NELAP	9	4224CA	03-31-14 *
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-14
Illinois	NELAP	5	002602	06-30-14
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-14
New Hampshire	NELAP	1	203011	04-05-14 *
New Jersey	NELAP	2	PA005	06-30-14
New York	NELAP	2	11182	03-31-15
North Carolina DENR	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-14 *
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	04-30-14 *
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-14 *
Wisconsin	State Program	5	998027800	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-32748-1	MW2	Water	05/13/14 07:00	05/14/14 10:19
180-32748-2	MW14	Water	05/13/14 08:00	05/14/14 10:19
180-32748-3	EFFLUENT	Water	05/13/14 09:00	05/14/14 10:19
180-32748-4	TRIP BLANK	Water	05/13/14 00:00	05/14/14 10:19

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: MW2

Date Collected: 05/13/14 07:00

Date Received: 05/14/14 10:19

Lab Sample ID: 180-32748-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5000	5 mL	5 mL	106435	05/21/14 20:38	DLF	TAL PIT
Instrument ID: CHHP6										
Total/NA	Analysis	8260C		500	5 mL	5 mL	106561	05/22/14 20:15	DLF	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: MW14

Date Collected: 05/13/14 08:00

Date Received: 05/14/14 10:19

Lab Sample ID: 180-32748-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	106435	05/21/14 21:02	DLF	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: EFFLUENT

Date Collected: 05/13/14 09:00

Date Received: 05/14/14 10:19

Lab Sample ID: 180-32748-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	106561	05/22/14 16:39	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	106124	05/18/14 09:12	CEH	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	106274	05/19/14 12:48	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	1664B		1	910 mL	1000 mL	106746	05/23/14 15:45	JWM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			910 mL	1000 mL	106734	05/23/14 15:45	JWM	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		50 mL	106112	05/20/14 09:56	HRA	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TRIP BLANK

Date Collected: 05/13/14 00:00

Date Received: 05/14/14 10:19

Lab Sample ID: 180-32748-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	106561	05/22/14 16:14	DLF	TAL PIT
Instrument ID: CHHP6										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Analyst References:

- Lab: TAL PIT
- Batch Type: Prep
- CEH = Caitlyn Haluck
 - JWM = Jeremiah McLaughlin
- Batch Type: Analysis
- DLF = Donald Ferguson
 - HRA = Hannah Anderson
 - JWM = Jeremiah McLaughlin
 - RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: MW2

Date Collected: 05/13/14 07:00

Date Received: 05/14/14 10:19

Lab Sample ID: 180-32748-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			05/22/14 20:15	500
Benzene	ND		500	53	ug/L			05/22/14 20:15	500
Bromoform	ND		500	96	ug/L			05/22/14 20:15	500
Bromomethane	ND		500	160	ug/L			05/22/14 20:15	500
2-Butanone	ND		2500	270	ug/L			05/22/14 20:15	500
Carbon disulfide	ND		500	110	ug/L			05/22/14 20:15	500
Carbon tetrachloride	ND		500	68	ug/L			05/22/14 20:15	500
Chlorobenzene	ND		500	68	ug/L			05/22/14 20:15	500
Chlorodibromomethane	ND		500	68	ug/L			05/22/14 20:15	500
Chloroethane	ND		500	110	ug/L			05/22/14 20:15	500
Chloroform	ND		500	85	ug/L			05/22/14 20:15	500
Chloromethane	ND		500	140	ug/L			05/22/14 20:15	500
cis-1,2-Dichloroethene	53000	E	500	120	ug/L			05/22/14 20:15	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			05/22/14 20:15	500
Dichlorobromomethane	ND		500	65	ug/L			05/22/14 20:15	500
1,1-Dichloroethane	ND		500	58	ug/L			05/22/14 20:15	500
1,2-Dichloroethane	ND		500	110	ug/L			05/22/14 20:15	500
1,1-Dichloroethene	ND		500	150	ug/L			05/22/14 20:15	500
1,2-Dichloropropane	ND		500	47	ug/L			05/22/14 20:15	500
Ethylbenzene	ND		500	110	ug/L			05/22/14 20:15	500
2-Hexanone	ND		2500	80	ug/L			05/22/14 20:15	500
Methylene Chloride	ND		500	63	ug/L			05/22/14 20:15	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			05/22/14 20:15	500
Styrene	ND		500	48	ug/L			05/22/14 20:15	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			05/22/14 20:15	500
Tetrachloroethene	ND		500	74	ug/L			05/22/14 20:15	500
Toluene	ND		500	75	ug/L			05/22/14 20:15	500
trans-1,2-Dichloroethene	100	J	500	85	ug/L			05/22/14 20:15	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			05/22/14 20:15	500
1,1,1-Trichloroethane	ND		500	140	ug/L			05/22/14 20:15	500
1,1,2-Trichloroethane	ND		500	100	ug/L			05/22/14 20:15	500
Trichloroethene	ND		500	72	ug/L			05/22/14 20:15	500
Vinyl chloride	11000		500	110	ug/L			05/22/14 20:15	500
Xylenes, Total	ND		1500	240	ug/L			05/22/14 20:15	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 118		05/22/14 20:15	500
Dibromofluoromethane (Surr)	96		70 - 128		05/22/14 20:15	500
1,2-Dichloroethane-d4 (Surr)	89		64 - 135		05/22/14 20:15	500
Toluene-d8 (Surr)	99		71 - 118		05/22/14 20:15	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25000	13000	ug/L			05/21/14 20:38	5000
Benzene	ND		5000	530	ug/L			05/21/14 20:38	5000
Bromoform	ND		5000	960	ug/L			05/21/14 20:38	5000
Bromomethane	ND		5000	1600	ug/L			05/21/14 20:38	5000
2-Butanone	ND		25000	2700	ug/L			05/21/14 20:38	5000
Carbon disulfide	ND		5000	1100	ug/L			05/21/14 20:38	5000
Carbon tetrachloride	ND		5000	680	ug/L			05/21/14 20:38	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: MW2

Lab Sample ID: 180-32748-1

Date Collected: 05/13/14 07:00

Matrix: Water

Date Received: 05/14/14 10:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5000	680	ug/L			05/21/14 20:38	5000
Chlorodibromomethane	ND		5000	680	ug/L			05/21/14 20:38	5000
Chloroethane	ND		5000	1100	ug/L			05/21/14 20:38	5000
Chloroform	ND		5000	850	ug/L			05/21/14 20:38	5000
Chloromethane	ND		5000	1400	ug/L			05/21/14 20:38	5000
cis-1,2-Dichloroethene	47000		5000	1200	ug/L			05/21/14 20:38	5000
cis-1,3-Dichloropropene	ND		5000	930	ug/L			05/21/14 20:38	5000
Dichlorobromomethane	ND		5000	650	ug/L			05/21/14 20:38	5000
1,1-Dichloroethane	ND		5000	580	ug/L			05/21/14 20:38	5000
1,2-Dichloroethane	ND		5000	1100	ug/L			05/21/14 20:38	5000
1,1-Dichloroethene	ND		5000	1500	ug/L			05/21/14 20:38	5000
1,2-Dichloropropane	ND		5000	470	ug/L			05/21/14 20:38	5000
Ethylbenzene	ND		5000	1100	ug/L			05/21/14 20:38	5000
2-Hexanone	ND		25000	800	ug/L			05/21/14 20:38	5000
Methylene Chloride	1600	J	5000	630	ug/L			05/21/14 20:38	5000
4-Methyl-2-pentanone	ND		25000	2600	ug/L			05/21/14 20:38	5000
Styrene	ND		5000	480	ug/L			05/21/14 20:38	5000
1,1,2,2-Tetrachloroethane	ND		5000	1000	ug/L			05/21/14 20:38	5000
Tetrachloroethene	ND		5000	740	ug/L			05/21/14 20:38	5000
Toluene	ND		5000	750	ug/L			05/21/14 20:38	5000
trans-1,2-Dichloroethene	ND		5000	850	ug/L			05/21/14 20:38	5000
trans-1,3-Dichloropropene	ND		5000	740	ug/L			05/21/14 20:38	5000
1,1,1-Trichloroethane	ND		5000	1400	ug/L			05/21/14 20:38	5000
1,1,2-Trichloroethane	ND		5000	1000	ug/L			05/21/14 20:38	5000
Trichloroethene	ND		5000	720	ug/L			05/21/14 20:38	5000
Vinyl chloride	9100		5000	1100	ug/L			05/21/14 20:38	5000
Xylenes, Total	ND		15000	2400	ug/L			05/21/14 20:38	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 118		05/21/14 20:38	5000
Dibromofluoromethane (Surr)	97		70 - 128		05/21/14 20:38	5000
1,2-Dichloroethane-d4 (Surr)	88		64 - 135		05/21/14 20:38	5000
Toluene-d8 (Surr)	98		71 - 118		05/21/14 20:38	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: MW14

Lab Sample ID: 180-32748-2

Date Collected: 05/13/14 08:00

Matrix: Water

Date Received: 05/14/14 10:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			05/21/14 21:02	500
Benzene	ND		500	53	ug/L			05/21/14 21:02	500
Bromoform	ND		500	96	ug/L			05/21/14 21:02	500
Bromomethane	ND		500	160	ug/L			05/21/14 21:02	500
2-Butanone	ND		2500	270	ug/L			05/21/14 21:02	500
Carbon disulfide	ND		500	110	ug/L			05/21/14 21:02	500
Carbon tetrachloride	ND		500	68	ug/L			05/21/14 21:02	500
Chlorobenzene	ND		500	68	ug/L			05/21/14 21:02	500
Chlorodibromomethane	ND		500	68	ug/L			05/21/14 21:02	500
Chloroethane	ND		500	110	ug/L			05/21/14 21:02	500
Chloroform	ND		500	85	ug/L			05/21/14 21:02	500
Chloromethane	ND		500	140	ug/L			05/21/14 21:02	500
cis-1,2-Dichloroethene	1800		500	120	ug/L			05/21/14 21:02	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			05/21/14 21:02	500
Dichlorobromomethane	ND		500	65	ug/L			05/21/14 21:02	500
1,1-Dichloroethane	ND		500	58	ug/L			05/21/14 21:02	500
1,2-Dichloroethane	ND		500	110	ug/L			05/21/14 21:02	500
1,1,1-Dichloroethene	ND		500	150	ug/L			05/21/14 21:02	500
1,2-Dichloropropane	ND		500	47	ug/L			05/21/14 21:02	500
Ethylbenzene	ND		500	110	ug/L			05/21/14 21:02	500
2-Hexanone	ND		2500	80	ug/L			05/21/14 21:02	500
Methylene Chloride	160 J		500	63	ug/L			05/21/14 21:02	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			05/21/14 21:02	500
Styrene	ND		500	48	ug/L			05/21/14 21:02	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			05/21/14 21:02	500
Tetrachloroethene	ND		500	74	ug/L			05/21/14 21:02	500
Toluene	ND		500	75	ug/L			05/21/14 21:02	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			05/21/14 21:02	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			05/21/14 21:02	500
1,1,1-Trichloroethane	ND		500	140	ug/L			05/21/14 21:02	500
1,1,2-Trichloroethane	ND		500	100	ug/L			05/21/14 21:02	500
Trichloroethene	11000		500	72	ug/L			05/21/14 21:02	500
Vinyl chloride	ND		500	110	ug/L			05/21/14 21:02	500
Xylenes, Total	ND		1500	240	ug/L			05/21/14 21:02	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		05/21/14 21:02	500
Dibromofluoromethane (Surr)	94		70 - 128		05/21/14 21:02	500
1,2-Dichloroethane-d4 (Surr)	93		64 - 135		05/21/14 21:02	500
Toluene-d8 (Surr)	98		71 - 118		05/21/14 21:02	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-32748-3

Date Collected: 05/13/14 09:00

Matrix: Water

Date Received: 05/14/14 10:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.3	J	5.0	2.5	ug/L			05/22/14 16:39	1
Benzene	ND		1.0	0.11	ug/L			05/22/14 16:39	1
Bromoform	ND		1.0	0.19	ug/L			05/22/14 16:39	1
Bromomethane	ND		1.0	0.31	ug/L			05/22/14 16:39	1
2-Butanone	ND		5.0	0.55	ug/L			05/22/14 16:39	1
Carbon disulfide	ND		1.0	0.21	ug/L			05/22/14 16:39	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			05/22/14 16:39	1
Chlorobenzene	ND		1.0	0.14	ug/L			05/22/14 16:39	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			05/22/14 16:39	1
Chloroethane	ND		1.0	0.21	ug/L			05/22/14 16:39	1
Chloroform	ND		1.0	0.17	ug/L			05/22/14 16:39	1
Chloromethane	ND		1.0	0.28	ug/L			05/22/14 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			05/22/14 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/22/14 16:39	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			05/22/14 16:39	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			05/22/14 16:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 16:39	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			05/22/14 16:39	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			05/22/14 16:39	1
Ethylbenzene	ND		1.0	0.23	ug/L			05/22/14 16:39	1
2-Hexanone	ND		5.0	0.16	ug/L			05/22/14 16:39	1
Methylene Chloride	ND		1.0	0.13	ug/L			05/22/14 16:39	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			05/22/14 16:39	1
Styrene	ND		1.0	0.097	ug/L			05/22/14 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			05/22/14 16:39	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/22/14 16:39	1
Toluene	ND		1.0	0.15	ug/L			05/22/14 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/22/14 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			05/22/14 16:39	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			05/22/14 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			05/22/14 16:39	1
Trichloroethene	1.0		1.0	0.14	ug/L			05/22/14 16:39	1
Vinyl chloride	ND		1.0	0.23	ug/L			05/22/14 16:39	1
Xylenes, Total	ND		3.0	0.49	ug/L			05/22/14 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 118		05/22/14 16:39	1
Dibromofluoromethane (Surr)	93		70 - 128		05/22/14 16:39	1
1,2-Dichloroethane-d4 (Surr)	89		64 - 135		05/22/14 16:39	1
Toluene-d8 (Surr)	101		71 - 118		05/22/14 16:39	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		05/18/14 09:12	05/19/14 12:48	1
Iron	ND		100	9.5	ug/L		05/18/14 09:12	05/19/14 12:48	1
Zinc	64		20	1.0	ug/L		05/18/14 09:12	05/19/14 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	9.0	B	5.5	1.6	mg/L		05/23/14 15:45	05/23/14 15:45	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-32748-3

Date Collected: 05/13/14 09:00

Matrix: Water

Date Received: 05/14/14 10:19

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.51	HF	0.100	0.100	SU	—		05/20/14 09:56	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-32748-4

Date Collected: 05/13/14 00:00

Matrix: Water

Date Received: 05/14/14 10:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			05/22/14 16:14	1
Benzene	ND		1.0	0.11	ug/L			05/22/14 16:14	1
Bromoform	ND		1.0	0.19	ug/L			05/22/14 16:14	1
Bromomethane	ND		1.0	0.31	ug/L			05/22/14 16:14	1
2-Butanone	ND		5.0	0.55	ug/L			05/22/14 16:14	1
Carbon disulfide	ND		1.0	0.21	ug/L			05/22/14 16:14	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			05/22/14 16:14	1
Chlorobenzene	ND		1.0	0.14	ug/L			05/22/14 16:14	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			05/22/14 16:14	1
Chloroethane	ND		1.0	0.21	ug/L			05/22/14 16:14	1
Chloroform	ND		1.0	0.17	ug/L			05/22/14 16:14	1
Chloromethane	ND		1.0	0.28	ug/L			05/22/14 16:14	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			05/22/14 16:14	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/22/14 16:14	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			05/22/14 16:14	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			05/22/14 16:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 16:14	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			05/22/14 16:14	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			05/22/14 16:14	1
Ethylbenzene	ND		1.0	0.23	ug/L			05/22/14 16:14	1
2-Hexanone	ND		5.0	0.16	ug/L			05/22/14 16:14	1
Methylene Chloride	2.4		1.0	0.13	ug/L			05/22/14 16:14	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			05/22/14 16:14	1
Styrene	ND		1.0	0.097	ug/L			05/22/14 16:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			05/22/14 16:14	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/22/14 16:14	1
Toluene	ND		1.0	0.15	ug/L			05/22/14 16:14	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/22/14 16:14	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			05/22/14 16:14	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			05/22/14 16:14	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			05/22/14 16:14	1
Trichloroethene	ND		1.0	0.14	ug/L			05/22/14 16:14	1
Vinyl chloride	ND		1.0	0.23	ug/L			05/22/14 16:14	1
Xylenes, Total	ND		3.0	0.49	ug/L			05/22/14 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 118		05/22/14 16:14	1
Dibromofluoromethane (Surr)	93		70 - 128		05/22/14 16:14	1
1,2-Dichloroethane-d4 (Surr)	92		64 - 135		05/22/14 16:14	1
Toluene-d8 (Surr)	100		71 - 118		05/22/14 16:14	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

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

Lab Sample ID: MB 180-106435/7

Matrix: Water

Analysis Batch: 106435

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			05/21/14 11:12	1
Benzene	ND		1.0	0.11	ug/L			05/21/14 11:12	1
Bromoform	ND		1.0	0.19	ug/L			05/21/14 11:12	1
Bromomethane	ND		1.0	0.31	ug/L			05/21/14 11:12	1
2-Butanone	ND		5.0	0.55	ug/L			05/21/14 11:12	1
Carbon disulfide	ND		1.0	0.21	ug/L			05/21/14 11:12	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			05/21/14 11:12	1
Chlorobenzene	ND		1.0	0.14	ug/L			05/21/14 11:12	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			05/21/14 11:12	1
Chloroethane	ND		1.0	0.21	ug/L			05/21/14 11:12	1
Chloroform	ND		1.0	0.17	ug/L			05/21/14 11:12	1
Chloromethane	ND		1.0	0.28	ug/L			05/21/14 11:12	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			05/21/14 11:12	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/21/14 11:12	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			05/21/14 11:12	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			05/21/14 11:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/14 11:12	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			05/21/14 11:12	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			05/21/14 11:12	1
Ethylbenzene	ND		1.0	0.23	ug/L			05/21/14 11:12	1
2-Hexanone	ND		5.0	0.16	ug/L			05/21/14 11:12	1
Methylene Chloride	ND		1.0	0.13	ug/L			05/21/14 11:12	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			05/21/14 11:12	1
Styrene	ND		1.0	0.097	ug/L			05/21/14 11:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			05/21/14 11:12	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/21/14 11:12	1
Toluene	ND		1.0	0.15	ug/L			05/21/14 11:12	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/21/14 11:12	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			05/21/14 11:12	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			05/21/14 11:12	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			05/21/14 11:12	1
Trichloroethene	ND		1.0	0.14	ug/L			05/21/14 11:12	1
Vinyl chloride	ND		1.0	0.23	ug/L			05/21/14 11:12	1
Xylenes, Total	ND		3.0	0.49	ug/L			05/21/14 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		05/21/14 11:12	1
Dibromofluoromethane (Surr)	94		70 - 128		05/21/14 11:12	1
1,2-Dichloroethane-d4 (Surr)	89		64 - 135		05/21/14 11:12	1
Toluene-d8 (Surr)	98		71 - 118		05/21/14 11:12	1

Lab Sample ID: LCS 180-106435/10

Matrix: Water

Analysis Batch: 106435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	9.38		ug/L		94	22 - 150
Benzene	10.0	9.63		ug/L		96	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

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

Lab Sample ID: LCS 180-106435/10

Matrix: Water

Analysis Batch: 106435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	9.50		ug/L		95	46 - 150
Bromomethane	10.0	12.9		ug/L		129	33 - 150
2-Butanone	10.0	11.9		ug/L		119	39 - 138
Carbon disulfide	10.0	9.57		ug/L		96	54 - 132
Carbon tetrachloride	10.0	11.1		ug/L		111	55 - 150
Chlorobenzene	10.0	9.97		ug/L		100	80 - 120
Chlorodibromomethane	10.0	9.80		ug/L		98	60 - 140
Chloroethane	10.0	11.7		ug/L		117	36 - 142
Chloroform	10.0	9.42		ug/L		94	72 - 127
Chloromethane	10.0	12.7		ug/L		127	50 - 139
cis-1,2-Dichloroethene	10.0	9.76		ug/L		98	70 - 120
cis-1,3-Dichloropropene	10.0	9.13		ug/L		91	66 - 120
Dichlorobromomethane	10.0	9.33		ug/L		93	66 - 130
1,1-Dichloroethane	10.0	10.5		ug/L		105	73 - 126
1,2-Dichloroethane	10.0	10.1		ug/L		101	68 - 132
1,1-Dichloroethene	10.0	9.45		ug/L		95	65 - 136
1,2-Dichloropropane	10.0	10.1		ug/L		101	76 - 124
Ethylbenzene	10.0	9.79		ug/L		98	72 - 126
2-Hexanone	10.0	10.8		ug/L		108	25 - 132
Methylene Chloride	10.0	9.65		ug/L		97	63 - 129
4-Methyl-2-pentanone	10.0	11.5		ug/L		115	45 - 145
Styrene	10.0	10.1		ug/L		101	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.72		ug/L		97	62 - 125
Tetrachloroethene	10.0	10.4		ug/L		104	70 - 135
Toluene	10.0	10.5		ug/L		105	80 - 123
trans-1,2-Dichloroethene	10.0	9.88		ug/L		99	73 - 126
trans-1,3-Dichloropropene	10.0	9.94		ug/L		99	65 - 125
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 133
1,1,2-Trichloroethane	10.0	9.80		ug/L		98	77 - 127
Trichloroethene	10.0	10.2		ug/L		102	73 - 120
Vinyl chloride	10.0	11.1		ug/L		111	53 - 138
Xylenes, Total	20.0	20.2		ug/L		101	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 118
Dibromofluoromethane (Surr)	93		70 - 128
1,2-Dichloroethane-d4 (Surr)	90		64 - 135
Toluene-d8 (Surr)	94		71 - 118

Lab Sample ID: MB 180-106561/5

Matrix: Water

Analysis Batch: 106561

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			05/22/14 10:53	1
Benzene	ND		1.0	0.11	ug/L			05/22/14 10:53	1
Bromoform	ND		1.0	0.19	ug/L			05/22/14 10:53	1
Bromomethane	ND		1.0	0.31	ug/L			05/22/14 10:53	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

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

Lab Sample ID: MB 180-106561/5

Matrix: Water

Analysis Batch: 106561

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			05/22/14 10:53	1
Carbon disulfide	ND		1.0	0.21	ug/L			05/22/14 10:53	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			05/22/14 10:53	1
Chlorobenzene	ND		1.0	0.14	ug/L			05/22/14 10:53	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			05/22/14 10:53	1
Chloroethane	ND		1.0	0.21	ug/L			05/22/14 10:53	1
Chloroform	ND		1.0	0.17	ug/L			05/22/14 10:53	1
Chloromethane	ND		1.0	0.28	ug/L			05/22/14 10:53	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			05/22/14 10:53	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/22/14 10:53	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			05/22/14 10:53	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			05/22/14 10:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 10:53	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			05/22/14 10:53	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			05/22/14 10:53	1
Ethylbenzene	ND		1.0	0.23	ug/L			05/22/14 10:53	1
2-Hexanone	ND		5.0	0.16	ug/L			05/22/14 10:53	1
Methylene Chloride	ND		1.0	0.13	ug/L			05/22/14 10:53	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			05/22/14 10:53	1
Styrene	ND		1.0	0.097	ug/L			05/22/14 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			05/22/14 10:53	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/22/14 10:53	1
Toluene	ND		1.0	0.15	ug/L			05/22/14 10:53	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/22/14 10:53	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			05/22/14 10:53	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			05/22/14 10:53	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			05/22/14 10:53	1
Trichloroethene	ND		1.0	0.14	ug/L			05/22/14 10:53	1
Vinyl chloride	ND		1.0	0.23	ug/L			05/22/14 10:53	1
Xylenes, Total	ND		3.0	0.49	ug/L			05/22/14 10:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 118		05/22/14 10:53	1
Dibromofluoromethane (Surr)	93		70 - 128		05/22/14 10:53	1
1,2-Dichloroethane-d4 (Surr)	90		64 - 135		05/22/14 10:53	1
Toluene-d8 (Surr)	98		71 - 118		05/22/14 10:53	1

Lab Sample ID: LCS 180-106561/8

Matrix: Water

Analysis Batch: 106561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	9.01		ug/L		90	22 - 150
Benzene	10.0	9.34		ug/L		93	80 - 120
Bromoform	10.0	9.11		ug/L		91	46 - 150
Bromomethane	10.0	12.7		ug/L		127	33 - 150
2-Butanone	10.0	10.7		ug/L		107	39 - 138
Carbon disulfide	10.0	9.49		ug/L		95	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

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

Lab Sample ID: LCS 180-106561/8

Matrix: Water

Analysis Batch: 106561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	11.3		ug/L		113	55 - 150
Chlorobenzene	10.0	9.72		ug/L		97	80 - 120
Chlorodibromomethane	10.0	9.63		ug/L		96	60 - 140
Chloroethane	10.0	11.7		ug/L		117	36 - 142
Chloroform	10.0	9.17		ug/L		92	72 - 127
Chloromethane	10.0	12.7		ug/L		127	50 - 139
cis-1,2-Dichloroethene	10.0	9.30		ug/L		93	70 - 120
cis-1,3-Dichloropropene	10.0	8.93		ug/L		89	66 - 120
Dichlorobromomethane	10.0	8.78		ug/L		88	66 - 130
1,1-Dichloroethane	10.0	9.90		ug/L		99	73 - 126
1,2-Dichloroethane	10.0	9.41		ug/L		94	68 - 132
1,1-Dichloroethene	10.0	9.13		ug/L		91	65 - 136
1,2-Dichloropropane	10.0	9.82		ug/L		98	76 - 124
Ethylbenzene	10.0	9.56		ug/L		96	72 - 126
2-Hexanone	10.0	10.5		ug/L		105	25 - 132
Methylene Chloride	10.0	9.00		ug/L		90	63 - 129
4-Methyl-2-pentanone	10.0	11.3		ug/L		113	45 - 145
Styrene	10.0	9.82		ug/L		98	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.50		ug/L		95	62 - 125
Tetrachloroethene	10.0	10.2		ug/L		102	70 - 135
Toluene	10.0	9.87		ug/L		99	80 - 123
trans-1,2-Dichloroethene	10.0	9.83		ug/L		98	73 - 126
trans-1,3-Dichloropropene	10.0	9.71		ug/L		97	65 - 125
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	63 - 133
1,1,2-Trichloroethane	10.0	9.22		ug/L		92	77 - 127
Trichloroethene	10.0	9.58		ug/L		96	73 - 120
Vinyl chloride	10.0	10.9		ug/L		109	53 - 138
Xylenes, Total	20.0	19.5		ug/L		97	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 118
Dibromofluoromethane (Surr)	91		70 - 128
1,2-Dichloroethane-d4 (Surr)	90		64 - 135
Toluene-d8 (Surr)	96		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-106124/1-A

Matrix: Water

Analysis Batch: 106274

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 106124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16.4	J	200	16	ug/L		05/18/14 09:12	05/19/14 11:47	1
Iron	ND		100	9.5	ug/L		05/18/14 09:12	05/19/14 11:47	1
Zinc	ND		20	1.0	ug/L		05/18/14 09:12	05/19/14 11:47	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-106124/2-A

Matrix: Water

Analysis Batch: 106274

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 106124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2050		ug/L		103	85 - 115
Iron	1000	1050		ug/L		105	85 - 115
Zinc	500	523		ug/L		105	85 - 115

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-106734/1-A

Matrix: Water

Analysis Batch: 106746

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.70	J	5.0	1.5	mg/L		05/23/14 15:45	05/23/14 15:45	1

Lab Sample ID: LCS 180-106734/2-A

Matrix: Water

Analysis Batch: 106746

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	33.3		mg/L		83	78 - 114

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-106112/1

Matrix: Water

Analysis Batch: 106112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-32748-1

GC/MS VOA

Analysis Batch: 106435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-1 - DL	MW2	Total/NA	Water	8260C	
180-32748-2	MW14	Total/NA	Water	8260C	
LCS 180-106435/10	Lab Control Sample	Total/NA	Water	8260C	
MB 180-106435/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 106561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-1	MW2	Total/NA	Water	8260C	
180-32748-3	EFFLUENT	Total/NA	Water	8260C	
180-32748-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-106561/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-106561/5	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 106124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-3	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-106124/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-106124/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 106274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-3	EFFLUENT	Total Recoverable	Water	200.7	106124
LCS 180-106124/2-A	Lab Control Sample	Total Recoverable	Water	200.7	106124
MB 180-106124/1-A	Method Blank	Total Recoverable	Water	200.7	106124

General Chemistry

Analysis Batch: 106112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-106112/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 106734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-106734/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 180-106734/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 106746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-32748-3	EFFLUENT	Total/NA	Water	1664B	106734
LCS 180-106734/2-A	Lab Control Sample	Total/NA	Water	1664B	106734
MB 180-106734/1-A	Method Blank	Total/NA	Water	1664B	106734

TestAmerica Pittsburgh

Chain of Custody Record

Client Information Client Contact: Patty Lundin Company: SGK Ventures, LLC Address: 300 Falconer Road City: Frewsburg State, Zip: NY, 14738 Phone: Email: pllundin@keywell.com Project Name: SGK Ventures, LLC - Frewsburg Site:		Lab PM: Dunlap, David A E-Mail: dave.dunlap@testamericainc.com Phone: 716 592-9102 Carrier Tracking No(s): COC No: 180-11355-31.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #: Project #: 18006934 SSOW#:		Analysis Requested (Specify)	
SHORT HOLD			
 180-32748 Chain of Custody			
Sample Identification MW 2 MW 14 EFFLUENT also received at Trip Blank for volatility 2/25/14		Field Filtered Sample (Yes or No) Matrix (W=water, S=solid, G=grab, A=air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Presentation Code Matrix (W=water, S=solid, G=grab, A=air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Presentation Code Matrix (W=water, S=solid, G=grab, A=air)	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: Chuck Becker Relinquished by: Relinquished by:		Date: Date/Time: 5/13/14 Date/Time: Date/Time:	
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-32748-1

Login Number: 32748

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (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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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-34259-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

7/11/2014 3:26:27 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

1

2

3

4

5

6

7

8

9

10

11

12

13

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Definitions/Glossary 4

Certification Summary 5

Sample Summary 6

Method Summary 7

Lab Chronicle 8

Client Sample Results 10

QC Sample Results 16

QC Association Summary 22

Chain of Custody 24

Receipt Checklists 25



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Job ID: 180-34259-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-34259-1

Receipt

The samples were received on 6/25/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.4° C.

GC/MS VOA

Method(s) 8260C: The laboratory control sample (LCS) for batch 109826 recovered above the control limits for the following analytes: bromomethane and trans-1,3-dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-34259-1) and MW14 (180-34259-2). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	NELAP	9	4224CA	03-31-14 *
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-14 *
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-15
Wisconsin	State Program	5	998027800	08-31-14

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-34259-1	MW2	Water	06/24/14 07:00	06/25/14 09:00
180-34259-2	MW14	Water	06/24/14 08:00	06/25/14 09:00
180-34259-3	EFFLUENT	Water	06/24/14 09:30	06/25/14 09:00
180-34259-4	TRIP BLANK	Water	06/24/14 00:00	06/25/14 09:00

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: MW2

Date Collected: 06/24/14 07:00

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5000	5 mL	5 mL	109826	06/27/14 17:41	MAZ	TAL PIT
Instrument ID: CHHP6										
Total/NA	Analysis	8260C		500	5 mL	5 mL	109961	06/30/14 11:22	MAZ	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: MW14

Date Collected: 06/24/14 08:00

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	109826	06/27/14 18:05	MAZ	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: EFFLUENT

Date Collected: 06/24/14 09:30

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	109826	06/27/14 18:29	MAZ	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	110590	07/07/14 08:50	CNS	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	110836	07/08/14 11:15	RJG	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	1664B		1	880 mL	1000 mL	109757	06/26/14 08:00	MTW	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			880 mL	1000 mL	109637	06/26/14 08:00	MTW	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		50 mL	109847	06/27/14 14:29	AJB	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TRIP BLANK

Date Collected: 06/24/14 00:00

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	109826	06/27/14 18:53	MAZ	TAL PIT
Instrument ID: CHHP6										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Analyst References:

- Lab: TAL PIT
- Batch Type: Prep
- CNS = Caitlin Ferguson
 - MTW = Michael Wesoloski
- Batch Type: Analysis
- AJB = Amanda Brunick
 - MAZ = Mike Zukowski
 - MTW = Michael Wesoloski
 - RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: MW2

Date Collected: 06/24/14 07:00

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			06/30/14 11:22	500
Benzene	ND		500	53	ug/L			06/30/14 11:22	500
Bromoform	ND		500	96	ug/L			06/30/14 11:22	500
Bromomethane	ND		500	160	ug/L			06/30/14 11:22	500
2-Butanone	ND		2500	270	ug/L			06/30/14 11:22	500
Carbon disulfide	ND		500	110	ug/L			06/30/14 11:22	500
Carbon tetrachloride	ND		500	68	ug/L			06/30/14 11:22	500
Chlorobenzene	ND		500	68	ug/L			06/30/14 11:22	500
Chlorodibromomethane	ND		500	68	ug/L			06/30/14 11:22	500
Chloroethane	ND		500	110	ug/L			06/30/14 11:22	500
Chloroform	ND		500	85	ug/L			06/30/14 11:22	500
Chloromethane	ND		500	140	ug/L			06/30/14 11:22	500
cis-1,2-Dichloroethene	77000	E	500	120	ug/L			06/30/14 11:22	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			06/30/14 11:22	500
Dichlorobromomethane	ND		500	65	ug/L			06/30/14 11:22	500
1,1-Dichloroethane	ND		500	58	ug/L			06/30/14 11:22	500
1,2-Dichloroethane	ND		500	110	ug/L			06/30/14 11:22	500
1,1-Dichloroethene	ND		500	150	ug/L			06/30/14 11:22	500
1,2-Dichloropropane	ND		500	47	ug/L			06/30/14 11:22	500
Ethylbenzene	ND		500	110	ug/L			06/30/14 11:22	500
2-Hexanone	ND		2500	80	ug/L			06/30/14 11:22	500
Methylene Chloride	ND		500	63	ug/L			06/30/14 11:22	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			06/30/14 11:22	500
Styrene	ND		500	48	ug/L			06/30/14 11:22	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			06/30/14 11:22	500
Tetrachloroethene	ND		500	74	ug/L			06/30/14 11:22	500
Toluene	ND		500	75	ug/L			06/30/14 11:22	500
trans-1,2-Dichloroethene	130	J	500	85	ug/L			06/30/14 11:22	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			06/30/14 11:22	500
1,1,1-Trichloroethane	ND		500	140	ug/L			06/30/14 11:22	500
1,1,2-Trichloroethane	ND		500	100	ug/L			06/30/14 11:22	500
Trichloroethene	ND		500	72	ug/L			06/30/14 11:22	500
Vinyl chloride	13000		500	110	ug/L			06/30/14 11:22	500
Xylenes, Total	ND		1500	240	ug/L			06/30/14 11:22	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 118		06/30/14 11:22	500
Dibromofluoromethane (Surr)	119		70 - 128		06/30/14 11:22	500
1,2-Dichloroethane-d4 (Surr)	115		64 - 135		06/30/14 11:22	500
Toluene-d8 (Surr)	106		71 - 118		06/30/14 11:22	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25000	13000	ug/L			06/27/14 17:41	5000
Benzene	ND		5000	530	ug/L			06/27/14 17:41	5000
Bromoform	ND		5000	960	ug/L			06/27/14 17:41	5000
Bromomethane	ND	*	5000	1600	ug/L			06/27/14 17:41	5000
2-Butanone	ND		25000	2700	ug/L			06/27/14 17:41	5000
Carbon disulfide	ND		5000	1100	ug/L			06/27/14 17:41	5000
Carbon tetrachloride	ND		5000	680	ug/L			06/27/14 17:41	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: MW2

Lab Sample ID: 180-34259-1

Date Collected: 06/24/14 07:00

Matrix: Water

Date Received: 06/25/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5000	680	ug/L			06/27/14 17:41	5000
Chlorodibromomethane	ND		5000	680	ug/L			06/27/14 17:41	5000
Chloroethane	ND		5000	1100	ug/L			06/27/14 17:41	5000
Chloroform	ND		5000	850	ug/L			06/27/14 17:41	5000
Chloromethane	ND		5000	1400	ug/L			06/27/14 17:41	5000
cis-1,2-Dichloroethene	70000		5000	1200	ug/L			06/27/14 17:41	5000
cis-1,3-Dichloropropene	ND		5000	930	ug/L			06/27/14 17:41	5000
Dichlorobromomethane	ND		5000	650	ug/L			06/27/14 17:41	5000
1,1-Dichloroethane	ND		5000	580	ug/L			06/27/14 17:41	5000
1,2-Dichloroethane	ND		5000	1100	ug/L			06/27/14 17:41	5000
1,1-Dichloroethene	ND		5000	1500	ug/L			06/27/14 17:41	5000
1,2-Dichloropropane	ND		5000	470	ug/L			06/27/14 17:41	5000
Ethylbenzene	ND		5000	1100	ug/L			06/27/14 17:41	5000
2-Hexanone	ND		25000	800	ug/L			06/27/14 17:41	5000
Methylene Chloride	ND		5000	630	ug/L			06/27/14 17:41	5000
4-Methyl-2-pentanone	ND		25000	2600	ug/L			06/27/14 17:41	5000
Styrene	ND		5000	480	ug/L			06/27/14 17:41	5000
1,1,2,2-Tetrachloroethane	ND		5000	1000	ug/L			06/27/14 17:41	5000
Tetrachloroethene	ND		5000	740	ug/L			06/27/14 17:41	5000
Toluene	ND		5000	750	ug/L			06/27/14 17:41	5000
trans-1,2-Dichloroethene	ND		5000	850	ug/L			06/27/14 17:41	5000
trans-1,3-Dichloropropene	ND *		5000	740	ug/L			06/27/14 17:41	5000
1,1,1-Trichloroethane	ND		5000	1400	ug/L			06/27/14 17:41	5000
1,1,2-Trichloroethane	ND		5000	1000	ug/L			06/27/14 17:41	5000
Trichloroethene	ND		5000	720	ug/L			06/27/14 17:41	5000
Vinyl chloride	12000		5000	1100	ug/L			06/27/14 17:41	5000
Xylenes, Total	ND		15000	2400	ug/L			06/27/14 17:41	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 118		06/27/14 17:41	5000
Dibromofluoromethane (Surr)	112		70 - 128		06/27/14 17:41	5000
1,2-Dichloroethane-d4 (Surr)	117		64 - 135		06/27/14 17:41	5000
Toluene-d8 (Surr)	111		71 - 118		06/27/14 17:41	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: MW14

Date Collected: 06/24/14 08:00

Date Received: 06/25/14 09:00

Lab Sample ID: 180-34259-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			06/27/14 18:05	500
Benzene	ND		500	53	ug/L			06/27/14 18:05	500
Bromoform	ND		500	96	ug/L			06/27/14 18:05	500
Bromomethane	ND	*	500	160	ug/L			06/27/14 18:05	500
2-Butanone	ND		2500	270	ug/L			06/27/14 18:05	500
Carbon disulfide	ND		500	110	ug/L			06/27/14 18:05	500
Carbon tetrachloride	ND		500	68	ug/L			06/27/14 18:05	500
Chlorobenzene	ND		500	68	ug/L			06/27/14 18:05	500
Chlorodibromomethane	ND		500	68	ug/L			06/27/14 18:05	500
Chloroethane	ND		500	110	ug/L			06/27/14 18:05	500
Chloroform	ND		500	85	ug/L			06/27/14 18:05	500
Chloromethane	ND		500	140	ug/L			06/27/14 18:05	500
cis-1,2-Dichloroethene	2600		500	120	ug/L			06/27/14 18:05	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			06/27/14 18:05	500
Dichlorobromomethane	ND		500	65	ug/L			06/27/14 18:05	500
1,1-Dichloroethane	ND		500	58	ug/L			06/27/14 18:05	500
1,2-Dichloroethane	ND		500	110	ug/L			06/27/14 18:05	500
1,1-Dichloroethene	ND		500	150	ug/L			06/27/14 18:05	500
1,2-Dichloropropane	ND		500	47	ug/L			06/27/14 18:05	500
Ethylbenzene	ND		500	110	ug/L			06/27/14 18:05	500
2-Hexanone	ND		2500	80	ug/L			06/27/14 18:05	500
Methylene Chloride	ND		500	63	ug/L			06/27/14 18:05	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			06/27/14 18:05	500
Styrene	ND		500	48	ug/L			06/27/14 18:05	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			06/27/14 18:05	500
Tetrachloroethene	ND		500	74	ug/L			06/27/14 18:05	500
Toluene	ND		500	75	ug/L			06/27/14 18:05	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			06/27/14 18:05	500
trans-1,3-Dichloropropene	ND	*	500	74	ug/L			06/27/14 18:05	500
1,1,1-Trichloroethane	ND		500	140	ug/L			06/27/14 18:05	500
1,1,2-Trichloroethane	ND		500	100	ug/L			06/27/14 18:05	500
Trichloroethene	11000		500	72	ug/L			06/27/14 18:05	500
Vinyl chloride	ND		500	110	ug/L			06/27/14 18:05	500
Xylenes, Total	ND		1500	240	ug/L			06/27/14 18:05	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 118		06/27/14 18:05	500
Dibromofluoromethane (Surr)	111		70 - 128		06/27/14 18:05	500
1,2-Dichloroethane-d4 (Surr)	115		64 - 135		06/27/14 18:05	500
Toluene-d8 (Surr)	106		71 - 118		06/27/14 18:05	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-34259-3

Date Collected: 06/24/14 09:30

Matrix: Water

Date Received: 06/25/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			06/27/14 18:29	1
Benzene	ND		1.0	0.11	ug/L			06/27/14 18:29	1
Bromoform	ND		1.0	0.19	ug/L			06/27/14 18:29	1
Bromomethane	ND	*	1.0	0.31	ug/L			06/27/14 18:29	1
2-Butanone	ND		5.0	0.55	ug/L			06/27/14 18:29	1
Carbon disulfide	ND		1.0	0.21	ug/L			06/27/14 18:29	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			06/27/14 18:29	1
Chlorobenzene	ND		1.0	0.14	ug/L			06/27/14 18:29	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			06/27/14 18:29	1
Chloroethane	ND		1.0	0.21	ug/L			06/27/14 18:29	1
Chloroform	0.27	J	1.0	0.17	ug/L			06/27/14 18:29	1
Chloromethane	ND		1.0	0.28	ug/L			06/27/14 18:29	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/27/14 18:29	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			06/27/14 18:29	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			06/27/14 18:29	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			06/27/14 18:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/27/14 18:29	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			06/27/14 18:29	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			06/27/14 18:29	1
Ethylbenzene	ND		1.0	0.23	ug/L			06/27/14 18:29	1
2-Hexanone	ND		5.0	0.16	ug/L			06/27/14 18:29	1
Methylene Chloride	ND		1.0	0.13	ug/L			06/27/14 18:29	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			06/27/14 18:29	1
Styrene	ND		1.0	0.097	ug/L			06/27/14 18:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			06/27/14 18:29	1
Tetrachloroethene	ND		1.0	0.15	ug/L			06/27/14 18:29	1
Toluene	ND		1.0	0.15	ug/L			06/27/14 18:29	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			06/27/14 18:29	1
trans-1,3-Dichloropropene	ND	*	1.0	0.15	ug/L			06/27/14 18:29	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			06/27/14 18:29	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			06/27/14 18:29	1
Trichloroethene	0.14	J	1.0	0.14	ug/L			06/27/14 18:29	1
Vinyl chloride	ND		1.0	0.23	ug/L			06/27/14 18:29	1
Xylenes, Total	ND		3.0	0.49	ug/L			06/27/14 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 118		06/27/14 18:29	1
Dibromofluoromethane (Surr)	114		70 - 128		06/27/14 18:29	1
1,2-Dichloroethane-d4 (Surr)	116		64 - 135		06/27/14 18:29	1
Toluene-d8 (Surr)	107		71 - 118		06/27/14 18:29	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	22	J	200	16	ug/L		07/07/14 08:50	07/08/14 11:15	1
Iron	280		100	9.5	ug/L		07/07/14 08:50	07/08/14 11:15	1
Zinc	10	J	20	1.0	ug/L		07/07/14 08:50	07/08/14 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	2.7	J B	5.7	1.7	mg/L		06/26/14 08:00	06/26/14 08:00	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-34259-3

Date Collected: 06/24/14 09:30

Matrix: Water

Date Received: 06/25/14 09:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.12	HF	0.100	0.100	SU	—		06/27/14 14:29	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-34259-4

Date Collected: 06/24/14 00:00

Matrix: Water

Date Received: 06/25/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			06/27/14 18:53	1
Benzene	ND		1.0	0.11	ug/L			06/27/14 18:53	1
Bromoform	ND		1.0	0.19	ug/L			06/27/14 18:53	1
Bromomethane	ND	*	1.0	0.31	ug/L			06/27/14 18:53	1
2-Butanone	ND		5.0	0.55	ug/L			06/27/14 18:53	1
Carbon disulfide	ND		1.0	0.21	ug/L			06/27/14 18:53	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			06/27/14 18:53	1
Chlorobenzene	ND		1.0	0.14	ug/L			06/27/14 18:53	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			06/27/14 18:53	1
Chloroethane	ND		1.0	0.21	ug/L			06/27/14 18:53	1
Chloroform	ND		1.0	0.17	ug/L			06/27/14 18:53	1
Chloromethane	ND		1.0	0.28	ug/L			06/27/14 18:53	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/27/14 18:53	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			06/27/14 18:53	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			06/27/14 18:53	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			06/27/14 18:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/27/14 18:53	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			06/27/14 18:53	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			06/27/14 18:53	1
Ethylbenzene	ND		1.0	0.23	ug/L			06/27/14 18:53	1
2-Hexanone	ND		5.0	0.16	ug/L			06/27/14 18:53	1
Methylene Chloride	ND		1.0	0.13	ug/L			06/27/14 18:53	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			06/27/14 18:53	1
Styrene	ND		1.0	0.097	ug/L			06/27/14 18:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			06/27/14 18:53	1
Tetrachloroethene	ND		1.0	0.15	ug/L			06/27/14 18:53	1
Toluene	ND		1.0	0.15	ug/L			06/27/14 18:53	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			06/27/14 18:53	1
trans-1,3-Dichloropropene	ND	*	1.0	0.15	ug/L			06/27/14 18:53	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			06/27/14 18:53	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			06/27/14 18:53	1
Trichloroethene	ND		1.0	0.14	ug/L			06/27/14 18:53	1
Vinyl chloride	ND		1.0	0.23	ug/L			06/27/14 18:53	1
Xylenes, Total	ND		3.0	0.49	ug/L			06/27/14 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 118		06/27/14 18:53	1
Dibromofluoromethane (Surr)	116		70 - 128		06/27/14 18:53	1
1,2-Dichloroethane-d4 (Surr)	118		64 - 135		06/27/14 18:53	1
Toluene-d8 (Surr)	107		71 - 118		06/27/14 18:53	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

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

Lab Sample ID: MB 180-109826/3

Matrix: Water

Analysis Batch: 109826

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			06/27/14 10:12	1
Benzene	ND		1.0	0.11	ug/L			06/27/14 10:12	1
Bromoform	ND		1.0	0.19	ug/L			06/27/14 10:12	1
Bromomethane	ND		1.0	0.31	ug/L			06/27/14 10:12	1
2-Butanone	ND		5.0	0.55	ug/L			06/27/14 10:12	1
Carbon disulfide	ND		1.0	0.21	ug/L			06/27/14 10:12	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			06/27/14 10:12	1
Chlorobenzene	ND		1.0	0.14	ug/L			06/27/14 10:12	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			06/27/14 10:12	1
Chloroethane	ND		1.0	0.21	ug/L			06/27/14 10:12	1
Chloroform	ND		1.0	0.17	ug/L			06/27/14 10:12	1
Chloromethane	ND		1.0	0.28	ug/L			06/27/14 10:12	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/27/14 10:12	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			06/27/14 10:12	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			06/27/14 10:12	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			06/27/14 10:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/27/14 10:12	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			06/27/14 10:12	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			06/27/14 10:12	1
Ethylbenzene	ND		1.0	0.23	ug/L			06/27/14 10:12	1
2-Hexanone	ND		5.0	0.16	ug/L			06/27/14 10:12	1
Methylene Chloride	ND		1.0	0.13	ug/L			06/27/14 10:12	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			06/27/14 10:12	1
Styrene	ND		1.0	0.097	ug/L			06/27/14 10:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			06/27/14 10:12	1
Tetrachloroethene	ND		1.0	0.15	ug/L			06/27/14 10:12	1
Toluene	ND		1.0	0.15	ug/L			06/27/14 10:12	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			06/27/14 10:12	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			06/27/14 10:12	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			06/27/14 10:12	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			06/27/14 10:12	1
Trichloroethene	ND		1.0	0.14	ug/L			06/27/14 10:12	1
Vinyl chloride	ND		1.0	0.23	ug/L			06/27/14 10:12	1
Xylenes, Total	ND		3.0	0.49	ug/L			06/27/14 10:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 118		06/27/14 10:12	1
Dibromofluoromethane (Surr)	112		70 - 128		06/27/14 10:12	1
1,2-Dichloroethane-d4 (Surr)	113		64 - 135		06/27/14 10:12	1
Toluene-d8 (Surr)	110		71 - 118		06/27/14 10:12	1

Lab Sample ID: LCS 180-109826/6

Matrix: Water

Analysis Batch: 109826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	7.53		ug/L		75	22 - 150
Benzene	10.0	10.7		ug/L		107	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

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

Lab Sample ID: LCS 180-109826/6

Matrix: Water

Analysis Batch: 109826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	12.1		ug/L		121	46 - 150
Bromomethane	10.0	16.8	*	ug/L		168	33 - 150
2-Butanone	10.0	9.28		ug/L		93	39 - 138
Carbon disulfide	10.0	11.2		ug/L		112	54 - 132
Carbon tetrachloride	10.0	13.2		ug/L		132	55 - 150
Chlorobenzene	10.0	11.4		ug/L		114	80 - 120
Chlorodibromomethane	10.0	12.9		ug/L		129	60 - 140
Chloroethane	10.0	11.4		ug/L		114	36 - 142
Chloroform	10.0	11.6		ug/L		116	72 - 127
Chloromethane	10.0	8.60		ug/L		86	50 - 139
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	70 - 120
cis-1,3-Dichloropropene	10.0	11.3		ug/L		113	66 - 120
Dichlorobromomethane	10.0	12.0		ug/L		120	66 - 130
1,1-Dichloroethane	10.0	11.0		ug/L		110	73 - 126
1,2-Dichloroethane	10.0	11.6		ug/L		116	68 - 132
1,1-Dichloroethene	10.0	10.4		ug/L		104	65 - 136
1,2-Dichloropropane	10.0	10.3		ug/L		103	76 - 124
Ethylbenzene	10.0	11.7		ug/L		117	72 - 126
2-Hexanone	10.0	10.9		ug/L		109	25 - 132
Methylene Chloride	10.0	10.0		ug/L		100	63 - 129
4-Methyl-2-pentanone	10.0	10.4		ug/L		104	45 - 145
Styrene	10.0	11.7		ug/L		117	71 - 127
1,1,2,2-Tetrachloroethane	10.0	12.1		ug/L		121	62 - 125
Tetrachloroethene	10.0	11.3		ug/L		113	70 - 135
Toluene	10.0	11.7		ug/L		117	80 - 123
trans-1,2-Dichloroethene	10.0	11.0		ug/L		110	73 - 126
trans-1,3-Dichloropropene	10.0	13.4	*	ug/L		134	65 - 125
1,1,1-Trichloroethane	10.0	11.9		ug/L		119	63 - 133
1,1,2-Trichloroethane	10.0	11.9		ug/L		119	77 - 127
Trichloroethene	10.0	10.5		ug/L		105	73 - 120
Vinyl chloride	10.0	9.85		ug/L		98	53 - 138
Xylenes, Total	20.0	22.7		ug/L		114	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 118
Dibromofluoromethane (Surr)	106		70 - 128
1,2-Dichloroethane-d4 (Surr)	110		64 - 135
Toluene-d8 (Surr)	105		71 - 118

Lab Sample ID: MB 180-109961/13

Matrix: Water

Analysis Batch: 109961

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			06/30/14 01:59	1
Benzene	ND		1.0	0.11	ug/L			06/30/14 01:59	1
Bromoform	ND		1.0	0.19	ug/L			06/30/14 01:59	1
Bromomethane	ND		1.0	0.31	ug/L			06/30/14 01:59	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

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

Lab Sample ID: MB 180-109961/13

Matrix: Water

Analysis Batch: 109961

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			06/30/14 01:59	1
Carbon disulfide	ND		1.0	0.21	ug/L			06/30/14 01:59	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			06/30/14 01:59	1
Chlorobenzene	ND		1.0	0.14	ug/L			06/30/14 01:59	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			06/30/14 01:59	1
Chloroethane	ND		1.0	0.21	ug/L			06/30/14 01:59	1
Chloroform	ND		1.0	0.17	ug/L			06/30/14 01:59	1
Chloromethane	ND		1.0	0.28	ug/L			06/30/14 01:59	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/30/14 01:59	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			06/30/14 01:59	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			06/30/14 01:59	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			06/30/14 01:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/14 01:59	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			06/30/14 01:59	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			06/30/14 01:59	1
Ethylbenzene	ND		1.0	0.23	ug/L			06/30/14 01:59	1
2-Hexanone	ND		5.0	0.16	ug/L			06/30/14 01:59	1
Methylene Chloride	ND		1.0	0.13	ug/L			06/30/14 01:59	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			06/30/14 01:59	1
Styrene	ND		1.0	0.097	ug/L			06/30/14 01:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			06/30/14 01:59	1
Tetrachloroethene	ND		1.0	0.15	ug/L			06/30/14 01:59	1
Toluene	ND		1.0	0.15	ug/L			06/30/14 01:59	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			06/30/14 01:59	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			06/30/14 01:59	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			06/30/14 01:59	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			06/30/14 01:59	1
Trichloroethene	ND		1.0	0.14	ug/L			06/30/14 01:59	1
Vinyl chloride	ND		1.0	0.23	ug/L			06/30/14 01:59	1
Xylenes, Total	ND		3.0	0.49	ug/L			06/30/14 01:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 118		06/30/14 01:59	1
Dibromofluoromethane (Surr)	122		70 - 128		06/30/14 01:59	1
1,2-Dichloroethane-d4 (Surr)	116		64 - 135		06/30/14 01:59	1
Toluene-d8 (Surr)	103		71 - 118		06/30/14 01:59	1

Lab Sample ID: LCS 180-109961/9

Matrix: Water

Analysis Batch: 109961

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	7.92		ug/L		79	22 - 150
Benzene	10.0	9.74		ug/L		97	80 - 120
Bromoform	10.0	10.7		ug/L		107	46 - 150
Bromomethane	10.0	10.3		ug/L		103	33 - 150
2-Butanone	10.0	9.13		ug/L		91	39 - 138
Carbon disulfide	10.0	8.86		ug/L		89	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

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

Lab Sample ID: LCS 180-109961/9

Matrix: Water

Analysis Batch: 109961

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	11.3		ug/L		113	55 - 150
Chlorobenzene	10.0	10.3		ug/L		103	80 - 120
Chlorodibromomethane	10.0	10.9		ug/L		109	60 - 140
Chloroethane	10.0	9.72		ug/L		97	36 - 142
Chloroform	10.0	10.8		ug/L		108	72 - 127
Chloromethane	10.0	8.06		ug/L		81	50 - 139
cis-1,2-Dichloroethene	10.0	9.77		ug/L		98	70 - 120
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	66 - 120
Dichlorobromomethane	10.0	10.7		ug/L		107	66 - 130
1,1-Dichloroethane	10.0	9.78		ug/L		98	73 - 126
1,2-Dichloroethane	10.0	11.1		ug/L		111	68 - 132
1,1-Dichloroethene	10.0	9.83		ug/L		98	65 - 136
1,2-Dichloropropane	10.0	9.62		ug/L		96	76 - 124
Ethylbenzene	10.0	10.5		ug/L		105	72 - 126
2-Hexanone	10.0	8.74		ug/L		87	25 - 132
Methylene Chloride	10.0	11.4		ug/L		114	63 - 129
4-Methyl-2-pentanone	10.0	8.84		ug/L		88	45 - 145
Styrene	10.0	10.4		ug/L		104	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	62 - 125
Tetrachloroethene	10.0	10.7		ug/L		107	70 - 135
Toluene	10.0	10.2		ug/L		102	80 - 123
trans-1,2-Dichloroethene	10.0	9.77		ug/L		98	73 - 126
trans-1,3-Dichloropropene	10.0	9.97		ug/L		100	65 - 125
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 133
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	77 - 127
Trichloroethene	10.0	10.3		ug/L		103	73 - 120
Vinyl chloride	10.0	9.09		ug/L		91	53 - 138
Xylenes, Total	20.0	20.5		ug/L		103	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 118
Dibromofluoromethane (Surr)	106		70 - 128
1,2-Dichloroethane-d4 (Surr)	108		64 - 135
Toluene-d8 (Surr)	104		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-110590/1-A

Matrix: Water

Analysis Batch: 110836

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 110590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		07/07/14 08:50	07/08/14 10:53	1
Iron	ND		100	9.5	ug/L		07/07/14 08:50	07/08/14 10:53	1
Zinc	ND		20	1.0	ug/L		07/07/14 08:50	07/08/14 10:53	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-110590/2-A

Matrix: Water

Analysis Batch: 110836

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 110590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2030		ug/L		101	85 - 115
Iron	1000	1020		ug/L		102	85 - 115
Zinc	500	503		ug/L		101	85 - 115

Lab Sample ID: 180-34259-3 MS

Matrix: Water

Analysis Batch: 110836

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 110590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	22	J	2000	2090		ug/L		104	70 - 130
Iron	280		1000	1310		ug/L		103	70 - 130
Zinc	10	J	500	504		ug/L		99	70 - 130

Lab Sample ID: 180-34259-3 MSD

Matrix: Water

Analysis Batch: 110836

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 110590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	22	J	2000	2000		ug/L		99	70 - 130	5	20
Iron	280		1000	1260		ug/L		98	70 - 130	4	20
Zinc	10	J	500	493		ug/L		97	70 - 130	2	20

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-109637/1-A

Matrix: Water

Analysis Batch: 109757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.50	J	5.0	1.5	mg/L		06/26/14 08:00	06/26/14 08:00	1

Lab Sample ID: LCS 180-109637/2-A

Matrix: Water

Analysis Batch: 109757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	34.8		mg/L		87	78 - 114

Lab Sample ID: LCSD 180-109637/3-A

Matrix: Water

Analysis Batch: 109757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
HEM (Oil & Grease)	40.0	33.1		mg/L		83	78 - 114	5	18

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-109847/1

Matrix: Water

Analysis Batch: 109847

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

GC/MS VOA

Analysis Batch: 109826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-1 - DL	MW2	Total/NA	Water	8260C	
180-34259-2	MW14	Total/NA	Water	8260C	
180-34259-3	EFFLUENT	Total/NA	Water	8260C	
180-34259-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-109826/6	Lab Control Sample	Total/NA	Water	8260C	
MB 180-109826/3	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 109961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-1	MW2	Total/NA	Water	8260C	
LCS 180-109961/9	Lab Control Sample	Total/NA	Water	8260C	
MB 180-109961/13	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 110590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-3	EFFLUENT	Total Recoverable	Water	200.7	
180-34259-3 MS	EFFLUENT	Total Recoverable	Water	200.7	
180-34259-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-110590/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-110590/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 110836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-3	EFFLUENT	Total Recoverable	Water	200.7	110590
180-34259-3 MS	EFFLUENT	Total Recoverable	Water	200.7	110590
180-34259-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	110590
LCS 180-110590/2-A	Lab Control Sample	Total Recoverable	Water	200.7	110590
MB 180-110590/1-A	Method Blank	Total Recoverable	Water	200.7	110590

General Chemistry

Prep Batch: 109637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-109637/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-109637/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-109637/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 109757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-3	EFFLUENT	Total/NA	Water	1664B	109637
LCS 180-109637/2-A	Lab Control Sample	Total/NA	Water	1664B	109637
LCSD 180-109637/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	109637
MB 180-109637/1-A	Method Blank	Total/NA	Water	1664B	109637

Analysis Batch: 109847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34259-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34259-1

General Chemistry (Continued)

Analysis Batch: 109847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-109847/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	



Sample: *Chuck Becker*
Lab PM: Dunlap, David A
E-Mail: dave.dunlap@testamerica.com

Client Information
Client Contact: Patty Lundin
Company: SGK Ventures, LLC

Address: 300 Falconer Road
City: Frewsburg
State Zip: NY, 14738

Phone: PO #:
Purchase Order not required

Email: plundin@keywell.com
Project Name: SGK Ventures, LLC - Frewsburg

Site: SOW#:

Due Date Requested:
TAT Requested (days):

Analysis Requested

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8260C_LL - TCL 3.2 - Low Level

SM4500_H+ - pH

200.7 - ICP Metals (Al, Fe, Zn)

1664B - HEM (Oil and Grease)

Total Number of containers

Special Instructions/Note:

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Anhydrous
H - Acetic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2OAS
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Sample Identification

Sample Date

Sample Time

Sample Type (C=comp, G=grab)

Matrix (Water, Solid, Organic, Aqueous)

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8260C_LL - TCL 3.2 - Low Level

SM4500_H+ - pH

200.7 - ICP Metals (Al, Fe, Zn)

1664B - HEM (Oil and Grease)

SHORT HOLD

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-34259-1

Login Number: 34259

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (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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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-34682-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

7/28/2014 12:20:35 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Definitions/Glossary 4

Certification Summary 5

Sample Summary 6

Method Summary 7

Lab Chronicle 8

Client Sample Results 10

QC Sample Results 17

QC Association Summary 24

Chain of Custody 26

Receipt Checklists 27



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Job ID: 180-34682-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-34682-1

Receipt

The samples were received on 7/10/2014 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

Trip blanks were received, but not listed on the COC. Notation was added to the COC.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-34682-1), MW14 (180-34682-2), and INFLUENT (180-34682-4). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These 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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-34682-1	MW2	Water	07/09/14 07:00	07/10/14 09:20
180-34682-2	MW14	Water	07/09/14 08:00	07/10/14 09:20
180-34682-3	EFFLUENT	Water	07/09/14 09:15	07/10/14 09:20
180-34682-4	INFLUENT	Water	07/09/14 09:30	07/10/14 09:20
180-34682-5	TRIP BLANK	Water	07/09/14 00:00	07/10/14 09:20

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: MW2

Date Collected: 07/09/14 07:00

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	112038	07/21/14 19:12	DLF	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	8260C	DL	5000	5 mL	5 mL	111872	07/18/14 16:43	DLF	TAL PIT
		Instrument ID: CHHP6								

Client Sample ID: MW14

Date Collected: 07/09/14 08:00

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	111872	07/18/14 17:07	DLF	TAL PIT
		Instrument ID: CHHP6								

Client Sample ID: EFFLUENT

Date Collected: 07/09/14 09:15

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	111604	07/16/14 20:28	DLF	TAL PIT
		Instrument ID: CHHP6								
Total Recoverable	Prep	200.7			50 mL	50 mL	111733	07/17/14 07:58	SLB	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	111977	07/18/14 18:07	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Prep	1664B			900 mL	1000 mL	111634	07/16/14 15:14	NK	TAL PIT
Total/NA	Analysis	1664B		1	900 mL	1000 mL	111653	07/17/14 09:06	NK	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		50 mL	111404	07/14/14 14:55	AJB	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: INFLUENT

Date Collected: 07/09/14 09:30

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		400	5 mL	5 mL	111872	07/18/14 17:31	DLF	TAL PIT
		Instrument ID: CHHP6								

Client Sample ID: TRIP BLANK

Date Collected: 07/09/14 00:00

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	111604	07/16/14 20:04	DLF	TAL PIT

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-34682-5

Date Collected: 07/09/14 00:00

Matrix: Water

Date Received: 07/10/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	111604	07/16/14 20:04	DLF	TAL PIT
Instrument ID: CHHP6										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

NK = Neil Klingman

SLB = Sandy Becker

Batch Type: Analysis

AJB = Amanda Brunick

DLF = Donald Ferguson

NK = Neil Klingman

RJG = Rob Good

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: MW2

Date Collected: 07/09/14 07:00

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			07/21/14 19:12	500
Benzene	ND		500	53	ug/L			07/21/14 19:12	500
Bromoform	ND		500	96	ug/L			07/21/14 19:12	500
Bromomethane	ND		500	160	ug/L			07/21/14 19:12	500
2-Butanone	ND		2500	270	ug/L			07/21/14 19:12	500
Carbon disulfide	ND		500	110	ug/L			07/21/14 19:12	500
Carbon tetrachloride	ND		500	68	ug/L			07/21/14 19:12	500
Chlorobenzene	ND		500	68	ug/L			07/21/14 19:12	500
Chlorodibromomethane	ND		500	68	ug/L			07/21/14 19:12	500
Chloroethane	ND		500	110	ug/L			07/21/14 19:12	500
Chloroform	ND		500	85	ug/L			07/21/14 19:12	500
Chloromethane	ND		500	140	ug/L			07/21/14 19:12	500
cis-1,2-Dichloroethene	110000	E	500	120	ug/L			07/21/14 19:12	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			07/21/14 19:12	500
Dichlorobromomethane	ND		500	65	ug/L			07/21/14 19:12	500
1,1-Dichloroethane	ND		500	58	ug/L			07/21/14 19:12	500
1,2-Dichloroethane	ND		500	110	ug/L			07/21/14 19:12	500
1,1-Dichloroethene	230	J	500	150	ug/L			07/21/14 19:12	500
1,2-Dichloropropane	ND		500	47	ug/L			07/21/14 19:12	500
Ethylbenzene	ND		500	110	ug/L			07/21/14 19:12	500
2-Hexanone	ND		2500	80	ug/L			07/21/14 19:12	500
Methylene Chloride	610		500	63	ug/L			07/21/14 19:12	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			07/21/14 19:12	500
Styrene	ND		500	48	ug/L			07/21/14 19:12	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			07/21/14 19:12	500
Tetrachloroethene	ND		500	74	ug/L			07/21/14 19:12	500
Toluene	ND		500	75	ug/L			07/21/14 19:12	500
trans-1,2-Dichloroethene	190	J	500	85	ug/L			07/21/14 19:12	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			07/21/14 19:12	500
1,1,1-Trichloroethane	ND		500	140	ug/L			07/21/14 19:12	500
1,1,2-Trichloroethane	ND		500	100	ug/L			07/21/14 19:12	500
Trichloroethene	ND		500	72	ug/L			07/21/14 19:12	500
Vinyl chloride	18000		500	110	ug/L			07/21/14 19:12	500
Xylenes, Total	ND		1500	240	ug/L			07/21/14 19:12	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 118		07/21/14 19:12	500
Dibromofluoromethane (Surr)	123		70 - 128		07/21/14 19:12	500
1,2-Dichloroethane-d4 (Surr)	114		64 - 135		07/21/14 19:12	500
Toluene-d8 (Surr)	101		71 - 118		07/21/14 19:12	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25000	13000	ug/L			07/18/14 16:43	5000
Benzene	ND		5000	530	ug/L			07/18/14 16:43	5000
Bromoform	ND		5000	960	ug/L			07/18/14 16:43	5000
Bromomethane	ND		5000	1600	ug/L			07/18/14 16:43	5000
2-Butanone	ND		25000	2700	ug/L			07/18/14 16:43	5000
Carbon disulfide	ND		5000	1100	ug/L			07/18/14 16:43	5000
Carbon tetrachloride	ND		5000	680	ug/L			07/18/14 16:43	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: MW2

Lab Sample ID: 180-34682-1

Date Collected: 07/09/14 07:00

Matrix: Water

Date Received: 07/10/14 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5000	680	ug/L			07/18/14 16:43	5000
Chlorodibromomethane	ND		5000	680	ug/L			07/18/14 16:43	5000
Chloroethane	ND		5000	1100	ug/L			07/18/14 16:43	5000
Chloroform	ND		5000	850	ug/L			07/18/14 16:43	5000
Chloromethane	ND		5000	1400	ug/L			07/18/14 16:43	5000
cis-1,2-Dichloroethene	92000		5000	1200	ug/L			07/18/14 16:43	5000
cis-1,3-Dichloropropene	ND		5000	930	ug/L			07/18/14 16:43	5000
Dichlorobromomethane	ND		5000	650	ug/L			07/18/14 16:43	5000
1,1-Dichloroethane	ND		5000	580	ug/L			07/18/14 16:43	5000
1,2-Dichloroethane	ND		5000	1100	ug/L			07/18/14 16:43	5000
1,1-Dichloroethene	ND		5000	1500	ug/L			07/18/14 16:43	5000
1,2-Dichloropropane	ND		5000	470	ug/L			07/18/14 16:43	5000
Ethylbenzene	ND		5000	1100	ug/L			07/18/14 16:43	5000
2-Hexanone	ND		25000	800	ug/L			07/18/14 16:43	5000
Methylene Chloride	ND		5000	630	ug/L			07/18/14 16:43	5000
4-Methyl-2-pentanone	ND		25000	2600	ug/L			07/18/14 16:43	5000
Styrene	ND		5000	480	ug/L			07/18/14 16:43	5000
1,1,2,2-Tetrachloroethane	ND		5000	1000	ug/L			07/18/14 16:43	5000
Tetrachloroethene	ND		5000	740	ug/L			07/18/14 16:43	5000
Toluene	ND		5000	750	ug/L			07/18/14 16:43	5000
trans-1,2-Dichloroethene	ND		5000	850	ug/L			07/18/14 16:43	5000
trans-1,3-Dichloropropene	ND		5000	740	ug/L			07/18/14 16:43	5000
1,1,1-Trichloroethane	ND		5000	1400	ug/L			07/18/14 16:43	5000
1,1,2-Trichloroethane	ND		5000	1000	ug/L			07/18/14 16:43	5000
Trichloroethene	ND		5000	720	ug/L			07/18/14 16:43	5000
Vinyl chloride	15000		5000	1100	ug/L			07/18/14 16:43	5000
Xylenes, Total	ND		15000	2400	ug/L			07/18/14 16:43	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		07/18/14 16:43	5000
Dibromofluoromethane (Surr)	116		70 - 128		07/18/14 16:43	5000
1,2-Dichloroethane-d4 (Surr)	114		64 - 135		07/18/14 16:43	5000
Toluene-d8 (Surr)	107		71 - 118		07/18/14 16:43	5000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: MW14

Date Collected: 07/09/14 08:00

Date Received: 07/10/14 09:20

Lab Sample ID: 180-34682-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			07/18/14 17:07	500
Benzene	ND		500	53	ug/L			07/18/14 17:07	500
Bromoform	ND		500	96	ug/L			07/18/14 17:07	500
Bromomethane	ND		500	160	ug/L			07/18/14 17:07	500
2-Butanone	ND		2500	270	ug/L			07/18/14 17:07	500
Carbon disulfide	ND		500	110	ug/L			07/18/14 17:07	500
Carbon tetrachloride	ND		500	68	ug/L			07/18/14 17:07	500
Chlorobenzene	ND		500	68	ug/L			07/18/14 17:07	500
Chlorodibromomethane	ND		500	68	ug/L			07/18/14 17:07	500
Chloroethane	ND		500	110	ug/L			07/18/14 17:07	500
Chloroform	ND		500	85	ug/L			07/18/14 17:07	500
Chloromethane	ND		500	140	ug/L			07/18/14 17:07	500
cis-1,2-Dichloroethene	2200		500	120	ug/L			07/18/14 17:07	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			07/18/14 17:07	500
Dichlorobromomethane	ND		500	65	ug/L			07/18/14 17:07	500
1,1-Dichloroethane	ND		500	58	ug/L			07/18/14 17:07	500
1,2-Dichloroethane	ND		500	110	ug/L			07/18/14 17:07	500
1,1-Dichloroethene	ND		500	150	ug/L			07/18/14 17:07	500
1,2-Dichloropropane	ND		500	47	ug/L			07/18/14 17:07	500
Ethylbenzene	ND		500	110	ug/L			07/18/14 17:07	500
2-Hexanone	ND		2500	80	ug/L			07/18/14 17:07	500
Methylene Chloride	ND		500	63	ug/L			07/18/14 17:07	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			07/18/14 17:07	500
Styrene	ND		500	48	ug/L			07/18/14 17:07	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			07/18/14 17:07	500
Tetrachloroethene	ND		500	74	ug/L			07/18/14 17:07	500
Toluene	ND		500	75	ug/L			07/18/14 17:07	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			07/18/14 17:07	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			07/18/14 17:07	500
1,1,1-Trichloroethane	ND		500	140	ug/L			07/18/14 17:07	500
1,1,2-Trichloroethane	ND		500	100	ug/L			07/18/14 17:07	500
Trichloroethene	9500		500	72	ug/L			07/18/14 17:07	500
Vinyl chloride	ND		500	110	ug/L			07/18/14 17:07	500
Xylenes, Total	ND		1500	240	ug/L			07/18/14 17:07	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		07/18/14 17:07	500
Dibromofluoromethane (Surr)	119		70 - 128		07/18/14 17:07	500
1,2-Dichloroethane-d4 (Surr)	114		64 - 135		07/18/14 17:07	500
Toluene-d8 (Surr)	107		71 - 118		07/18/14 17:07	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-34682-3

Date Collected: 07/09/14 09:15

Matrix: Water

Date Received: 07/10/14 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			07/16/14 20:28	1
Benzene	ND		1.0	0.11	ug/L			07/16/14 20:28	1
Bromoform	4.6		1.0	0.19	ug/L			07/16/14 20:28	1
Bromomethane	ND		1.0	0.31	ug/L			07/16/14 20:28	1
2-Butanone	ND		5.0	0.55	ug/L			07/16/14 20:28	1
Carbon disulfide	ND		1.0	0.21	ug/L			07/16/14 20:28	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			07/16/14 20:28	1
Chlorobenzene	ND		1.0	0.14	ug/L			07/16/14 20:28	1
Chlorodibromomethane	2.3		1.0	0.14	ug/L			07/16/14 20:28	1
Chloroethane	ND		1.0	0.21	ug/L			07/16/14 20:28	1
Chloroform	0.26	J	1.0	0.17	ug/L			07/16/14 20:28	1
Chloromethane	ND		1.0	0.28	ug/L			07/16/14 20:28	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			07/16/14 20:28	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/16/14 20:28	1
Dichlorobromomethane	0.88	J	1.0	0.13	ug/L			07/16/14 20:28	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			07/16/14 20:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/16/14 20:28	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/16/14 20:28	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			07/16/14 20:28	1
Ethylbenzene	ND		1.0	0.23	ug/L			07/16/14 20:28	1
2-Hexanone	ND		5.0	0.16	ug/L			07/16/14 20:28	1
Methylene Chloride	ND		1.0	0.13	ug/L			07/16/14 20:28	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			07/16/14 20:28	1
Styrene	ND		1.0	0.097	ug/L			07/16/14 20:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			07/16/14 20:28	1
Tetrachloroethene	ND		1.0	0.15	ug/L			07/16/14 20:28	1
Toluene	ND		1.0	0.15	ug/L			07/16/14 20:28	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			07/16/14 20:28	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			07/16/14 20:28	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			07/16/14 20:28	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			07/16/14 20:28	1
Trichloroethene	ND		1.0	0.14	ug/L			07/16/14 20:28	1
Vinyl chloride	ND		1.0	0.23	ug/L			07/16/14 20:28	1
Xylenes, Total	ND		3.0	0.49	ug/L			07/16/14 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 118		07/16/14 20:28	1
Dibromofluoromethane (Surr)	115		70 - 128		07/16/14 20:28	1
1,2-Dichloroethane-d4 (Surr)	109		64 - 135		07/16/14 20:28	1
Toluene-d8 (Surr)	113		71 - 118		07/16/14 20:28	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16	J	200	16	ug/L		07/17/14 07:58	07/18/14 18:07	1
Iron	57	J	100	9.5	ug/L		07/17/14 07:58	07/18/14 18:07	1
Zinc	7.8	J	20	1.0	ug/L		07/17/14 07:58	07/18/14 18:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	2.3	J	5.6	1.7	mg/L		07/16/14 15:14	07/17/14 09:06	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-34682-3

Date Collected: 07/09/14 09:15

Matrix: Water

Date Received: 07/10/14 09:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.78	HF	0.100	0.100	SU	—		07/14/14 14:55	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: INFLUENT

Lab Sample ID: 180-34682-4

Date Collected: 07/09/14 09:30

Matrix: Water

Date Received: 07/10/14 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2000	1000	ug/L			07/18/14 17:31	400
Benzene	ND		400	42	ug/L			07/18/14 17:31	400
Bromoform	ND		400	77	ug/L			07/18/14 17:31	400
Bromomethane	ND		400	130	ug/L			07/18/14 17:31	400
2-Butanone	ND		2000	220	ug/L			07/18/14 17:31	400
Carbon disulfide	ND		400	85	ug/L			07/18/14 17:31	400
Carbon tetrachloride	ND		400	55	ug/L			07/18/14 17:31	400
Chlorobenzene	ND		400	54	ug/L			07/18/14 17:31	400
Chlorodibromomethane	ND		400	55	ug/L			07/18/14 17:31	400
Chloroethane	ND		400	86	ug/L			07/18/14 17:31	400
Chloroform	ND		400	68	ug/L			07/18/14 17:31	400
Chloromethane	ND		400	110	ug/L			07/18/14 17:31	400
cis-1,2-Dichloroethene	2200		400	95	ug/L			07/18/14 17:31	400
cis-1,3-Dichloropropene	ND		400	75	ug/L			07/18/14 17:31	400
Dichlorobromomethane	ND		400	52	ug/L			07/18/14 17:31	400
1,1-Dichloroethane	ND		400	47	ug/L			07/18/14 17:31	400
1,2-Dichloroethane	ND		400	85	ug/L			07/18/14 17:31	400
1,1-Dichloroethene	ND		400	120	ug/L			07/18/14 17:31	400
1,2-Dichloropropane	ND		400	38	ug/L			07/18/14 17:31	400
Ethylbenzene	ND		400	91	ug/L			07/18/14 17:31	400
2-Hexanone	ND		2000	64	ug/L			07/18/14 17:31	400
Methylene Chloride	ND		400	50	ug/L			07/18/14 17:31	400
4-Methyl-2-pentanone	ND		2000	210	ug/L			07/18/14 17:31	400
Styrene	ND		400	39	ug/L			07/18/14 17:31	400
1,1,2,2-Tetrachloroethane	ND		400	80	ug/L			07/18/14 17:31	400
Tetrachloroethene	ND		400	59	ug/L			07/18/14 17:31	400
Toluene	ND		400	60	ug/L			07/18/14 17:31	400
trans-1,2-Dichloroethene	ND		400	68	ug/L			07/18/14 17:31	400
trans-1,3-Dichloropropene	ND		400	59	ug/L			07/18/14 17:31	400
1,1,1-Trichloroethane	ND		400	110	ug/L			07/18/14 17:31	400
1,1,2-Trichloroethane	ND		400	81	ug/L			07/18/14 17:31	400
Trichloroethene	8300		400	57	ug/L			07/18/14 17:31	400
Vinyl chloride	ND		400	91	ug/L			07/18/14 17:31	400
Xylenes, Total	ND		1200	200	ug/L			07/18/14 17:31	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 118		07/18/14 17:31	400
Dibromofluoromethane (Surr)	119		70 - 128		07/18/14 17:31	400
1,2-Dichloroethane-d4 (Surr)	113		64 - 135		07/18/14 17:31	400
Toluene-d8 (Surr)	102		71 - 118		07/18/14 17:31	400

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-34682-5

Date Collected: 07/09/14 00:00

Matrix: Water

Date Received: 07/10/14 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			07/16/14 20:04	1
Benzene	ND		1.0	0.11	ug/L			07/16/14 20:04	1
Bromoform	ND		1.0	0.19	ug/L			07/16/14 20:04	1
Bromomethane	ND		1.0	0.31	ug/L			07/16/14 20:04	1
2-Butanone	ND		5.0	0.55	ug/L			07/16/14 20:04	1
Carbon disulfide	ND		1.0	0.21	ug/L			07/16/14 20:04	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			07/16/14 20:04	1
Chlorobenzene	ND		1.0	0.14	ug/L			07/16/14 20:04	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			07/16/14 20:04	1
Chloroethane	ND		1.0	0.21	ug/L			07/16/14 20:04	1
Chloroform	ND		1.0	0.17	ug/L			07/16/14 20:04	1
Chloromethane	ND		1.0	0.28	ug/L			07/16/14 20:04	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			07/16/14 20:04	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/16/14 20:04	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			07/16/14 20:04	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			07/16/14 20:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/16/14 20:04	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/16/14 20:04	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			07/16/14 20:04	1
Ethylbenzene	ND		1.0	0.23	ug/L			07/16/14 20:04	1
2-Hexanone	ND		5.0	0.16	ug/L			07/16/14 20:04	1
Methylene Chloride	ND		1.0	0.13	ug/L			07/16/14 20:04	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			07/16/14 20:04	1
Styrene	ND		1.0	0.097	ug/L			07/16/14 20:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			07/16/14 20:04	1
Tetrachloroethene	ND		1.0	0.15	ug/L			07/16/14 20:04	1
Toluene	ND		1.0	0.15	ug/L			07/16/14 20:04	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			07/16/14 20:04	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			07/16/14 20:04	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			07/16/14 20:04	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			07/16/14 20:04	1
Trichloroethene	ND		1.0	0.14	ug/L			07/16/14 20:04	1
Vinyl chloride	ND		1.0	0.23	ug/L			07/16/14 20:04	1
Xylenes, Total	ND		3.0	0.49	ug/L			07/16/14 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 118		07/16/14 20:04	1
Dibromofluoromethane (Surr)	121		70 - 128		07/16/14 20:04	1
1,2-Dichloroethane-d4 (Surr)	112		64 - 135		07/16/14 20:04	1
Toluene-d8 (Surr)	113		71 - 118		07/16/14 20:04	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: MB 180-111604/5

Matrix: Water

Analysis Batch: 111604

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			07/16/14 11:44	1
Benzene	ND		1.0	0.11	ug/L			07/16/14 11:44	1
Bromoform	ND		1.0	0.19	ug/L			07/16/14 11:44	1
Bromomethane	ND		1.0	0.31	ug/L			07/16/14 11:44	1
2-Butanone	ND		5.0	0.55	ug/L			07/16/14 11:44	1
Carbon disulfide	ND		1.0	0.21	ug/L			07/16/14 11:44	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			07/16/14 11:44	1
Chlorobenzene	ND		1.0	0.14	ug/L			07/16/14 11:44	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			07/16/14 11:44	1
Chloroethane	ND		1.0	0.21	ug/L			07/16/14 11:44	1
Chloroform	ND		1.0	0.17	ug/L			07/16/14 11:44	1
Chloromethane	ND		1.0	0.28	ug/L			07/16/14 11:44	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			07/16/14 11:44	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/16/14 11:44	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			07/16/14 11:44	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			07/16/14 11:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/16/14 11:44	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/16/14 11:44	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			07/16/14 11:44	1
Ethylbenzene	ND		1.0	0.23	ug/L			07/16/14 11:44	1
2-Hexanone	ND		5.0	0.16	ug/L			07/16/14 11:44	1
Methylene Chloride	ND		1.0	0.13	ug/L			07/16/14 11:44	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			07/16/14 11:44	1
Styrene	ND		1.0	0.097	ug/L			07/16/14 11:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			07/16/14 11:44	1
Tetrachloroethene	ND		1.0	0.15	ug/L			07/16/14 11:44	1
Toluene	ND		1.0	0.15	ug/L			07/16/14 11:44	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			07/16/14 11:44	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			07/16/14 11:44	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			07/16/14 11:44	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			07/16/14 11:44	1
Trichloroethene	ND		1.0	0.14	ug/L			07/16/14 11:44	1
Vinyl chloride	ND		1.0	0.23	ug/L			07/16/14 11:44	1
Xylenes, Total	ND		3.0	0.49	ug/L			07/16/14 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		07/16/14 11:44	1
Dibromofluoromethane (Surr)	107		70 - 128		07/16/14 11:44	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 135		07/16/14 11:44	1
Toluene-d8 (Surr)	105		71 - 118		07/16/14 11:44	1

Lab Sample ID: LCS 180-111604/8

Matrix: Water

Analysis Batch: 111604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	8.47		ug/L		85	22 - 150
Benzene	10.0	10.6		ug/L		106	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: LCS 180-111604/8

Matrix: Water

Analysis Batch: 111604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	9.42		ug/L		94	46 - 150
Bromomethane	10.0	13.5		ug/L		135	33 - 150
2-Butanone	10.0	10.5		ug/L		105	39 - 138
Carbon disulfide	10.0	8.71		ug/L		87	54 - 132
Carbon tetrachloride	10.0	12.0		ug/L		120	55 - 150
Chlorobenzene	10.0	11.3		ug/L		113	80 - 120
Chlorodibromomethane	10.0	10.6		ug/L		106	60 - 140
Chloroethane	10.0	11.1		ug/L		111	36 - 142
Chloroform	10.0	11.7		ug/L		117	72 - 127
Chloromethane	10.0	8.82		ug/L		88	50 - 139
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	70 - 120
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	66 - 120
Dichlorobromomethane	10.0	11.5		ug/L		115	66 - 130
1,1-Dichloroethane	10.0	10.4		ug/L		104	73 - 126
1,2-Dichloroethane	10.0	10.7		ug/L		107	68 - 132
1,1-Dichloroethene	10.0	10.7		ug/L		107	65 - 136
1,2-Dichloropropane	10.0	9.58		ug/L		96	76 - 124
Ethylbenzene	10.0	10.4		ug/L		104	72 - 126
2-Hexanone	10.0	10.8		ug/L		108	25 - 132
Methylene Chloride	10.0	10.9		ug/L		109	63 - 129
4-Methyl-2-pentanone	10.0	10.4		ug/L		104	45 - 145
Styrene	10.0	10.6		ug/L		106	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	62 - 125
Tetrachloroethene	10.0	11.0		ug/L		110	70 - 135
Toluene	10.0	10.8		ug/L		108	80 - 123
trans-1,2-Dichloroethene	10.0	11.5		ug/L		115	73 - 126
trans-1,3-Dichloropropene	10.0	11.4		ug/L		114	65 - 125
1,1,1-Trichloroethane	10.0	12.0		ug/L		120	63 - 133
1,1,2-Trichloroethane	10.0	10.9		ug/L		109	77 - 127
Trichloroethene	10.0	11.0		ug/L		110	73 - 120
Vinyl chloride	10.0	9.61		ug/L		96	53 - 138
Xylenes, Total	20.0	21.0		ug/L		105	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 118
Dibromofluoromethane (Surr)	106		70 - 128
1,2-Dichloroethane-d4 (Surr)	105		64 - 135
Toluene-d8 (Surr)	103		71 - 118

Lab Sample ID: MB 180-111872/7

Matrix: Water

Analysis Batch: 111872

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			07/18/14 12:16	1
Benzene	ND		1.0	0.11	ug/L			07/18/14 12:16	1
Bromoform	ND		1.0	0.19	ug/L			07/18/14 12:16	1
Bromomethane	ND		1.0	0.31	ug/L			07/18/14 12:16	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: MB 180-111872/7

Matrix: Water

Analysis Batch: 111872

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			07/18/14 12:16	1
Carbon disulfide	ND		1.0	0.21	ug/L			07/18/14 12:16	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			07/18/14 12:16	1
Chlorobenzene	ND		1.0	0.14	ug/L			07/18/14 12:16	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			07/18/14 12:16	1
Chloroethane	ND		1.0	0.21	ug/L			07/18/14 12:16	1
Chloroform	ND		1.0	0.17	ug/L			07/18/14 12:16	1
Chloromethane	ND		1.0	0.28	ug/L			07/18/14 12:16	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			07/18/14 12:16	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/18/14 12:16	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			07/18/14 12:16	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			07/18/14 12:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/18/14 12:16	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/18/14 12:16	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			07/18/14 12:16	1
Ethylbenzene	ND		1.0	0.23	ug/L			07/18/14 12:16	1
2-Hexanone	ND		5.0	0.16	ug/L			07/18/14 12:16	1
Methylene Chloride	ND		1.0	0.13	ug/L			07/18/14 12:16	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			07/18/14 12:16	1
Styrene	ND		1.0	0.097	ug/L			07/18/14 12:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			07/18/14 12:16	1
Tetrachloroethene	ND		1.0	0.15	ug/L			07/18/14 12:16	1
Toluene	ND		1.0	0.15	ug/L			07/18/14 12:16	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			07/18/14 12:16	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			07/18/14 12:16	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			07/18/14 12:16	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			07/18/14 12:16	1
Trichloroethene	ND		1.0	0.14	ug/L			07/18/14 12:16	1
Vinyl chloride	ND		1.0	0.23	ug/L			07/18/14 12:16	1
Xylenes, Total	ND		3.0	0.49	ug/L			07/18/14 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 118		07/18/14 12:16	1
Dibromofluoromethane (Surr)	111		70 - 128		07/18/14 12:16	1
1,2-Dichloroethane-d4 (Surr)	112		64 - 135		07/18/14 12:16	1
Toluene-d8 (Surr)	110		71 - 118		07/18/14 12:16	1

Lab Sample ID: LCS 180-111872/9

Matrix: Water

Analysis Batch: 111872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	7.74		ug/L		77	22 - 150
Benzene	10.0	9.03		ug/L		90	80 - 120
Bromoform	10.0	11.0		ug/L		110	46 - 150
Bromomethane	10.0	13.3		ug/L		133	33 - 150
2-Butanone	10.0	8.71		ug/L		87	39 - 138
Carbon disulfide	10.0	8.50		ug/L		85	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: LCS 180-111872/9

Matrix: Water

Analysis Batch: 111872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	9.24		ug/L		92	55 - 150
Chlorobenzene	10.0	11.8		ug/L		118	80 - 120
Chlorodibromomethane	10.0	11.3		ug/L		113	60 - 140
Chloroethane	10.0	10.6		ug/L		106	36 - 142
Chloroform	10.0	9.70		ug/L		97	72 - 127
Chloromethane	10.0	8.20		ug/L		82	50 - 139
cis-1,2-Dichloroethene	10.0	9.70		ug/L		97	70 - 120
cis-1,3-Dichloropropene	10.0	9.47		ug/L		95	66 - 120
Dichlorobromomethane	10.0	8.92		ug/L		89	66 - 130
1,1-Dichloroethane	10.0	8.98		ug/L		90	73 - 126
1,2-Dichloroethane	10.0	8.69		ug/L		87	68 - 132
1,1,1-Dichloroethene	10.0	10.9		ug/L		109	65 - 136
1,2-Dichloropropane	10.0	8.54		ug/L		85	76 - 124
Ethylbenzene	10.0	10.4		ug/L		104	72 - 126
2-Hexanone	10.0	9.53		ug/L		95	25 - 132
Methylene Chloride	10.0	10.3		ug/L		103	63 - 129
4-Methyl-2-pentanone	10.0	10.6		ug/L		106	45 - 145
Styrene	10.0	10.6		ug/L		106	71 - 127
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	62 - 125
Tetrachloroethene	10.0	11.0		ug/L		110	70 - 135
Toluene	10.0	10.7		ug/L		107	80 - 123
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	73 - 126
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	65 - 125
1,1,1-Trichloroethane	10.0	9.18		ug/L		92	63 - 133
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	77 - 127
Trichloroethene	10.0	9.75		ug/L		97	73 - 120
Vinyl chloride	10.0	9.28		ug/L		93	53 - 138
Xylenes, Total	20.0	20.3		ug/L		101	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 118
Dibromofluoromethane (Surr)	84		70 - 128
1,2-Dichloroethane-d4 (Surr)	82		64 - 135
Toluene-d8 (Surr)	94		71 - 118

Lab Sample ID: MB 180-112038/5

Matrix: Water

Analysis Batch: 112038

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			07/21/14 10:56	1
Benzene	ND		1.0	0.11	ug/L			07/21/14 10:56	1
Bromoform	ND		1.0	0.19	ug/L			07/21/14 10:56	1
Bromomethane	ND		1.0	0.31	ug/L			07/21/14 10:56	1
2-Butanone	ND		5.0	0.55	ug/L			07/21/14 10:56	1
Carbon disulfide	ND		1.0	0.21	ug/L			07/21/14 10:56	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			07/21/14 10:56	1
Chlorobenzene	ND		1.0	0.14	ug/L			07/21/14 10:56	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: MB 180-112038/5

Matrix: Water

Analysis Batch: 112038

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		1.0	0.14	ug/L			07/21/14 10:56	1
Chloroethane	ND		1.0	0.21	ug/L			07/21/14 10:56	1
Chloroform	ND		1.0	0.17	ug/L			07/21/14 10:56	1
Chloromethane	ND		1.0	0.28	ug/L			07/21/14 10:56	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			07/21/14 10:56	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/21/14 10:56	1
Dichlorodibromomethane	ND		1.0	0.13	ug/L			07/21/14 10:56	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			07/21/14 10:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/14 10:56	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/21/14 10:56	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			07/21/14 10:56	1
Ethylbenzene	ND		1.0	0.23	ug/L			07/21/14 10:56	1
2-Hexanone	ND		5.0	0.16	ug/L			07/21/14 10:56	1
Methylene Chloride	ND		1.0	0.13	ug/L			07/21/14 10:56	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			07/21/14 10:56	1
Styrene	ND		1.0	0.097	ug/L			07/21/14 10:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			07/21/14 10:56	1
Tetrachloroethene	ND		1.0	0.15	ug/L			07/21/14 10:56	1
Toluene	ND		1.0	0.15	ug/L			07/21/14 10:56	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			07/21/14 10:56	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			07/21/14 10:56	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			07/21/14 10:56	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			07/21/14 10:56	1
Trichloroethene	ND		1.0	0.14	ug/L			07/21/14 10:56	1
Vinyl chloride	ND		1.0	0.23	ug/L			07/21/14 10:56	1
Xylenes, Total	ND		3.0	0.49	ug/L			07/21/14 10:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 118		07/21/14 10:56	1
Dibromofluoromethane (Surr)	113		70 - 128		07/21/14 10:56	1
1,2-Dichloroethane-d4 (Surr)	108		64 - 135		07/21/14 10:56	1
Toluene-d8 (Surr)	104		71 - 118		07/21/14 10:56	1

Lab Sample ID: LCS 180-112038/8

Matrix: Water

Analysis Batch: 112038

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	9.24		ug/L		92	22 - 150
Benzene	10.0	10.3		ug/L		103	80 - 120
Bromoform	10.0	9.63		ug/L		96	46 - 150
Bromomethane	10.0	12.5		ug/L		125	33 - 150
2-Butanone	10.0	9.36		ug/L		94	39 - 138
Carbon disulfide	10.0	10.0		ug/L		100	54 - 132
Carbon tetrachloride	10.0	10.6		ug/L		106	55 - 150
Chlorobenzene	10.0	10.4		ug/L		104	80 - 120
Chlorodibromomethane	10.0	10.3		ug/L		103	60 - 140
Chloroethane	10.0	10.2		ug/L		102	36 - 142

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

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

Lab Sample ID: LCS 180-112038/8

Matrix: Water

Analysis Batch: 112038

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	10.0	10.5		ug/L		105	72 - 127
Chloromethane	10.0	10.5		ug/L		105	50 - 139
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	70 - 120
cis-1,3-Dichloropropene	10.0	9.20		ug/L		92	66 - 120
Dichlorobromomethane	10.0	9.85		ug/L		98	66 - 130
1,1-Dichloroethane	10.0	10.7		ug/L		107	73 - 126
1,2-Dichloroethane	10.0	10.0		ug/L		100	68 - 132
1,1-Dichloroethene	10.0	10.2		ug/L		102	65 - 136
1,2-Dichloropropane	10.0	9.86		ug/L		99	76 - 124
Ethylbenzene	10.0	10.6		ug/L		106	72 - 126
2-Hexanone	10.0	8.01		ug/L		80	25 - 132
Methylene Chloride	10.0	9.99		ug/L		100	63 - 129
4-Methyl-2-pentanone	10.0	8.90		ug/L		89	45 - 145
Styrene	10.0	10.5		ug/L		105	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.72		ug/L		97	62 - 125
Tetrachloroethene	10.0	10.5		ug/L		105	70 - 135
Toluene	10.0	10.8		ug/L		108	80 - 123
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	73 - 126
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	65 - 125
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	63 - 133
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	77 - 127
Trichloroethene	10.0	10.4		ug/L		104	73 - 120
Vinyl chloride	10.0	10.6		ug/L		106	53 - 138
Xylenes, Total	20.0	21.0		ug/L		105	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 118
Dibromofluoromethane (Surr)	88		70 - 128
1,2-Dichloroethane-d4 (Surr)	85		64 - 135
Toluene-d8 (Surr)	86		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-111733/1-A

Matrix: Water

Analysis Batch: 111977

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 111733

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		07/17/14 07:58	07/18/14 17:01	1
Iron	ND		100	9.5	ug/L		07/17/14 07:58	07/18/14 17:01	1
Zinc	ND		20	1.0	ug/L		07/17/14 07:58	07/18/14 17:01	1

Lab Sample ID: LCS 180-111733/2-A

Matrix: Water

Analysis Batch: 111977

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 111733

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2030		ug/L		102	85 - 115

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-111733/2-A

Matrix: Water

Analysis Batch: 111977

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 111733

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	1000	1010		ug/L		101	85 - 115
Zinc	500	512		ug/L		102	85 - 115

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-111634/1-A

Matrix: Water

Analysis Batch: 111653

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		07/16/14 11:40	07/17/14 09:06	1

Lab Sample ID: LCS 180-111634/2-A

Matrix: Water

Analysis Batch: 111653

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	34.3		mg/L		86	78 - 114

Lab Sample ID: LCSD 180-111634/3-A

Matrix: Water

Analysis Batch: 111653

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111634

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM (Oil & Grease)	40.0	35.1		mg/L		88	78 - 114	2	18

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-111404/1

Matrix: Water

Analysis Batch: 111404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.020		SU		100	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

GC/MS VOA

Analysis Batch: 111604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total/NA	Water	8260C	
180-34682-5	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-111604/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-111604/5	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 111872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-1 - DL	MW2	Total/NA	Water	8260C	
180-34682-2	MW14	Total/NA	Water	8260C	
180-34682-4	INFLUENT	Total/NA	Water	8260C	
LCS 180-111872/9	Lab Control Sample	Total/NA	Water	8260C	
MB 180-111872/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 112038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-1	MW2	Total/NA	Water	8260C	
LCS 180-112038/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-112038/5	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 111733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-111733/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-111733/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 111977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total Recoverable	Water	200.7	111733
LCS 180-111733/2-A	Lab Control Sample	Total Recoverable	Water	200.7	111733
MB 180-111733/1-A	Method Blank	Total Recoverable	Water	200.7	111733

General Chemistry

Analysis Batch: 111404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-111404/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 111634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-111634/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-111634/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-111634/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 111653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-34682-3	EFFLUENT	Total/NA	Water	1664B	111634

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-34682-1

General Chemistry (Continued)

Analysis Batch: 111653 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-111634/2-A	Lab Control Sample	Total/NA	Water	1664B	111634
LCSD 180-111634/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	111634
MB 180-111634/1-A	Method Blank	Total/NA	Water	1664B	111634

Chain of Custody Record

Client Information Client Contact: Patty Lundin Company: SGK Ventures, LLC Address: 300 Falconer Road City: Frewsburg State, Zip: NY, 14738 Phone: (716) 8922-9102 Email: pillundin@keywell.com Project Name: SGK Ventures, LLC - Frewsburg Site:		Lab PM: Dunlap, David A E-Mail: dave.dunlap@testamericainc.com Lab No: 180-11355-31.1 Page: Page 1 of 1 Job #:		Carrier Tracking No(s): Analysis Requested:	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Special Instructions/Note:	
Sample Identification MW 2 MW 14 EFFLUENT INFILTRANT also received a Trip Blank for radon 7/19/14		Sample Date 7/9/14 7:00 7/9/14 8:00 7/9/14 9:15 7/9/14 9:30		Sample Type (C=comp, G=grab) G G G G	
Matrix (W=water, S=solid, O=soil, A=air, T=tissue, A=asphalt) W W W W		Field Filtered Sample (Yes or No) YES YES YES YES		Field Filtered Sample (Yes or No) YES YES YES YES	
8260C LL - TCL 3.2 - Low Level 5M4500 LH - pH 200.7 - ICP Metals (Al, Fe, Zn) 1664B - HEM (Oil and Grease)		Total Number of Containers 3 3 7 3		Special Instructions/Note:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by: Chuck Becker Date/Time: 7/9/14 10:00 AM Relinquished by: Company Date/Time: Relinquished by: Company Date/Time: Relinquished by: Company Date/Time:					
Sample Disposal (A fee may be assessed if samples are retained) ☐ Return To Client ☒ Disposal By Lab ☐ Arch Special Instructions/OC Requirements:					
Method of Shipment: Date/Time: Received by: Date/Time: Received by: Date/Time: Received by: Date/Time:					
Cooler Temperature(s) °C and Other Remarks:					

SHORT HOLD

920 TAP

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-34682-1

Login Number: 34682

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Butcher, Ryan M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-36185-1

Client Project/Site: Frewsburg

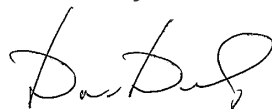
For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

9/16/2014 11:28:48 AM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	10
QC Sample Results	16
QC Association Summary	21
Chain of Custody	22
Receipt Checklists	23



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Job ID: 180-36185-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-36185-1

Receipt

The samples were received on 8/28/2014 8:56 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-36185-1) and MW14 (180-36185-2). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Qualifiers

GC/MS VOA

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

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-36185-1	MW2	Water	08/27/14 07:00	08/28/14 08:56
180-36185-2	MW14	Water	08/27/14 08:00	08/28/14 08:56
180-36185-3	EFFLUENT	Water	08/27/14 09:00	08/28/14 08:56
180-36185-4	TRIP BLANK	Water	08/27/14 00:00	08/28/14 08:56

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: MW2

Date Collected: 08/27/14 07:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20000	5 mL	5 mL	117422	09/09/14 14:13	DLF	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	8260C		2000	5 mL	5 mL	117422	09/09/14 15:01	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: MW14

Date Collected: 08/27/14 08:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	117422	09/09/14 14:37	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: EFFLUENT

Date Collected: 08/27/14 09:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	117313	09/08/14 21:10	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	116795	09/03/14 06:12	SLB	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	117105	09/04/14 19:29	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	1664B		1	900 mL	1000 mL	116562	08/29/14 08:52	NAK	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			900 mL	1000 mL	116489	08/29/14 08:52	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		50 mL	117897	09/12/14 10:54	AB1	TAL PIT
Instrument ID: PHAR25										

Client Sample ID: TRIP BLANK

Date Collected: 08/27/14 00:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	117313	09/08/14 20:46	DLF	TAL PIT
Instrument ID: CHHP5										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Analyst References:

Lab: TAL PIT

- Batch Type: Prep
 - NAK = Neil Klingman
 - SLB = Sandy Becker

- Batch Type: Analysis
 - AB1 = Ashwin Baikadi
 - DLF = Donald Ferguson
 - NAK = Neil Klingman
 - RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: MW2

Date Collected: 08/27/14 07:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10000	5000	ug/L			09/09/14 15:01	2000
Benzene	ND		2000	210	ug/L			09/09/14 15:01	2000
Bromoform	ND		2000	380	ug/L			09/09/14 15:01	2000
Bromomethane	ND		2000	630	ug/L			09/09/14 15:01	2000
2-Butanone	ND		10000	1100	ug/L			09/09/14 15:01	2000
Carbon disulfide	ND		2000	420	ug/L			09/09/14 15:01	2000
Carbon tetrachloride	ND		2000	270	ug/L			09/09/14 15:01	2000
Chlorobenzene	ND		2000	270	ug/L			09/09/14 15:01	2000
Chlorodibromomethane	ND		2000	270	ug/L			09/09/14 15:01	2000
Chloroethane	ND		2000	430	ug/L			09/09/14 15:01	2000
Chloroform	ND		2000	340	ug/L			09/09/14 15:01	2000
Chloromethane	ND		2000	570	ug/L			09/09/14 15:01	2000
cis-1,2-Dichloroethene	250000	E	2000	470	ug/L			09/09/14 15:01	2000
cis-1,3-Dichloropropene	ND		2000	370	ug/L			09/09/14 15:01	2000
Dichlorobromomethane	ND		2000	260	ug/L			09/09/14 15:01	2000
1,1-Dichloroethane	ND		2000	230	ug/L			09/09/14 15:01	2000
1,2-Dichloroethane	ND		2000	420	ug/L			09/09/14 15:01	2000
1,1-Dichloroethene	ND		2000	590	ug/L			09/09/14 15:01	2000
1,2-Dichloropropane	ND		2000	190	ug/L			09/09/14 15:01	2000
Ethylbenzene	ND		2000	450	ug/L			09/09/14 15:01	2000
2-Hexanone	ND		10000	320	ug/L			09/09/14 15:01	2000
Methylene Chloride	ND		2000	250	ug/L			09/09/14 15:01	2000
4-Methyl-2-pentanone	ND		10000	1100	ug/L			09/09/14 15:01	2000
Styrene	ND		2000	190	ug/L			09/09/14 15:01	2000
1,1,2,2-Tetrachloroethane	ND		2000	400	ug/L			09/09/14 15:01	2000
Tetrachloroethene	ND		2000	300	ug/L			09/09/14 15:01	2000
Toluene	ND		2000	300	ug/L			09/09/14 15:01	2000
trans-1,2-Dichloroethene	ND		2000	340	ug/L			09/09/14 15:01	2000
trans-1,3-Dichloropropene	ND		2000	300	ug/L			09/09/14 15:01	2000
1,1,1-Trichloroethane	ND		2000	570	ug/L			09/09/14 15:01	2000
1,1,2-Trichloroethane	ND		2000	400	ug/L			09/09/14 15:01	2000
Trichloroethene	3300		2000	290	ug/L			09/09/14 15:01	2000
Vinyl chloride	62000		2000	450	ug/L			09/09/14 15:01	2000
Xylenes, Total	ND		6000	980	ug/L			09/09/14 15:01	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 118		09/09/14 15:01	2000
Dibromofluoromethane (Surr)	95		70 - 128		09/09/14 15:01	2000
1,2-Dichloroethane-d4 (Surr)	95		64 - 135		09/09/14 15:01	2000
Toluene-d8 (Surr)	92		71 - 118		09/09/14 15:01	2000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100000	50000	ug/L			09/09/14 14:13	20000
Benzene	ND		20000	2100	ug/L			09/09/14 14:13	20000
Bromoform	ND		20000	3800	ug/L			09/09/14 14:13	20000
Bromomethane	ND		20000	6300	ug/L			09/09/14 14:13	20000
2-Butanone	ND		100000	11000	ug/L			09/09/14 14:13	20000
Carbon disulfide	ND		20000	4200	ug/L			09/09/14 14:13	20000
Carbon tetrachloride	ND		20000	2700	ug/L			09/09/14 14:13	20000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: MW2

Lab Sample ID: 180-36185-1

Date Collected: 08/27/14 07:00

Matrix: Water

Date Received: 08/28/14 08:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		20000	2700	ug/L			09/09/14 14:13	20000
Chlorodibromomethane	ND		20000	2700	ug/L			09/09/14 14:13	20000
Chloroethane	ND		20000	4300	ug/L			09/09/14 14:13	20000
Chloroform	ND		20000	3400	ug/L			09/09/14 14:13	20000
Chloromethane	ND		20000	5700	ug/L			09/09/14 14:13	20000
cis-1,2-Dichloroethene	330000		20000	4700	ug/L			09/09/14 14:13	20000
cis-1,3-Dichloropropene	ND		20000	3700	ug/L			09/09/14 14:13	20000
Dichlorobromomethane	ND		20000	2600	ug/L			09/09/14 14:13	20000
1,1-Dichloroethane	ND		20000	2300	ug/L			09/09/14 14:13	20000
1,2-Dichloroethane	ND		20000	4200	ug/L			09/09/14 14:13	20000
1,1-Dichloroethene	ND		20000	5900	ug/L			09/09/14 14:13	20000
1,2-Dichloropropane	ND		20000	1900	ug/L			09/09/14 14:13	20000
Ethylbenzene	ND		20000	4500	ug/L			09/09/14 14:13	20000
2-Hexanone	ND		100000	3200	ug/L			09/09/14 14:13	20000
Methylene Chloride	ND		20000	2500	ug/L			09/09/14 14:13	20000
4-Methyl-2-pentanone	ND		100000	11000	ug/L			09/09/14 14:13	20000
Styrene	ND		20000	1900	ug/L			09/09/14 14:13	20000
1,1,2,2-Tetrachloroethane	ND		20000	4000	ug/L			09/09/14 14:13	20000
Tetrachloroethene	ND		20000	3000	ug/L			09/09/14 14:13	20000
Toluene	ND		20000	3000	ug/L			09/09/14 14:13	20000
trans-1,2-Dichloroethene	ND		20000	3400	ug/L			09/09/14 14:13	20000
trans-1,3-Dichloropropene	ND		20000	3000	ug/L			09/09/14 14:13	20000
1,1,1-Trichloroethane	ND		20000	5700	ug/L			09/09/14 14:13	20000
1,1,2-Trichloroethane	ND		20000	4000	ug/L			09/09/14 14:13	20000
Trichloroethene	4100 J		20000	2900	ug/L			09/09/14 14:13	20000
Vinyl chloride	87000		20000	4500	ug/L			09/09/14 14:13	20000
Xylenes, Total	ND		60000	9800	ug/L			09/09/14 14:13	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		09/09/14 14:13	20000
Dibromofluoromethane (Surr)	112		70 - 128		09/09/14 14:13	20000
1,2-Dichloroethane-d4 (Surr)	110		64 - 135		09/09/14 14:13	20000
Toluene-d8 (Surr)	112		71 - 118		09/09/14 14:13	20000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: MW14

Date Collected: 08/27/14 08:00

Date Received: 08/28/14 08:56

Lab Sample ID: 180-36185-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			09/09/14 14:37	500
Benzene	ND		500	53	ug/L			09/09/14 14:37	500
Bromoform	ND		500	96	ug/L			09/09/14 14:37	500
Bromomethane	ND		500	160	ug/L			09/09/14 14:37	500
2-Butanone	ND		2500	270	ug/L			09/09/14 14:37	500
Carbon disulfide	ND		500	110	ug/L			09/09/14 14:37	500
Carbon tetrachloride	ND		500	68	ug/L			09/09/14 14:37	500
Chlorobenzene	ND		500	68	ug/L			09/09/14 14:37	500
Chlorodibromomethane	ND		500	68	ug/L			09/09/14 14:37	500
Chloroethane	ND		500	110	ug/L			09/09/14 14:37	500
Chloroform	ND		500	85	ug/L			09/09/14 14:37	500
Chloromethane	ND		500	140	ug/L			09/09/14 14:37	500
cis-1,2-Dichloroethene	2600		500	120	ug/L			09/09/14 14:37	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			09/09/14 14:37	500
Dichlorobromomethane	ND		500	65	ug/L			09/09/14 14:37	500
1,1-Dichloroethane	ND		500	58	ug/L			09/09/14 14:37	500
1,2-Dichloroethane	ND		500	110	ug/L			09/09/14 14:37	500
1,1,1-Dichloroethene	ND		500	150	ug/L			09/09/14 14:37	500
1,2-Dichloropropane	ND		500	47	ug/L			09/09/14 14:37	500
Ethylbenzene	ND		500	110	ug/L			09/09/14 14:37	500
2-Hexanone	ND		2500	80	ug/L			09/09/14 14:37	500
Methylene Chloride	ND		500	63	ug/L			09/09/14 14:37	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			09/09/14 14:37	500
Styrene	ND		500	48	ug/L			09/09/14 14:37	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			09/09/14 14:37	500
Tetrachloroethene	ND		500	74	ug/L			09/09/14 14:37	500
Toluene	ND		500	75	ug/L			09/09/14 14:37	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			09/09/14 14:37	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			09/09/14 14:37	500
1,1,1-Trichloroethane	ND		500	140	ug/L			09/09/14 14:37	500
1,1,2-Trichloroethane	ND		500	100	ug/L			09/09/14 14:37	500
Trichloroethene	8700		500	72	ug/L			09/09/14 14:37	500
Vinyl chloride	ND		500	110	ug/L			09/09/14 14:37	500
Xylenes, Total	ND		1500	240	ug/L			09/09/14 14:37	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 118		09/09/14 14:37	500
Dibromofluoromethane (Surr)	103		70 - 128		09/09/14 14:37	500
1,2-Dichloroethane-d4 (Surr)	99		64 - 135		09/09/14 14:37	500
Toluene-d8 (Surr)	108		71 - 118		09/09/14 14:37	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-36185-3

Date Collected: 08/27/14 09:00

Matrix: Water

Date Received: 08/28/14 08:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/08/14 21:10	1
Benzene	ND		1.0	0.11	ug/L			09/08/14 21:10	1
Bromoform	3.0		1.0	0.19	ug/L			09/08/14 21:10	1
Bromomethane	ND		1.0	0.31	ug/L			09/08/14 21:10	1
2-Butanone	ND		5.0	0.55	ug/L			09/08/14 21:10	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/08/14 21:10	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/08/14 21:10	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/08/14 21:10	1
Chlorodibromomethane	1.9		1.0	0.14	ug/L			09/08/14 21:10	1
Chloroethane	ND		1.0	0.21	ug/L			09/08/14 21:10	1
Chloroform	0.18 J		1.0	0.17	ug/L			09/08/14 21:10	1
Chloromethane	ND		1.0	0.28	ug/L			09/08/14 21:10	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/08/14 21:10	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/08/14 21:10	1
Dichlorobromomethane	0.65 J		1.0	0.13	ug/L			09/08/14 21:10	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/08/14 21:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/14 21:10	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/08/14 21:10	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/08/14 21:10	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/08/14 21:10	1
2-Hexanone	ND		5.0	0.16	ug/L			09/08/14 21:10	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/08/14 21:10	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/08/14 21:10	1
Styrene	ND		1.0	0.097	ug/L			09/08/14 21:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/08/14 21:10	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/08/14 21:10	1
Toluene	ND		1.0	0.15	ug/L			09/08/14 21:10	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/08/14 21:10	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/08/14 21:10	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/08/14 21:10	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/08/14 21:10	1
Trichloroethene	ND		1.0	0.14	ug/L			09/08/14 21:10	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/08/14 21:10	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/08/14 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 118		09/08/14 21:10	1
Dibromofluoromethane (Surr)	124		70 - 128		09/08/14 21:10	1
1,2-Dichloroethane-d4 (Surr)	118		64 - 135		09/08/14 21:10	1
Toluene-d8 (Surr)	110		71 - 118		09/08/14 21:10	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		09/03/14 06:12	09/04/14 19:29	1
Iron	1600		100	9.5	ug/L		09/03/14 06:12	09/04/14 19:29	1
Zinc	1100		20	1.0	ug/L		09/03/14 06:12	09/04/14 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	3.6 J		5.6	1.7	mg/L		08/29/14 08:52	08/29/14 08:52	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-36185-3

Date Collected: 08/27/14 09:00

Matrix: Water

Date Received: 08/28/14 08:56

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.89	HF	0.100	0.100	SU	—		09/12/14 10:54	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-36185-4

Date Collected: 08/27/14 00:00

Matrix: Water

Date Received: 08/28/14 08:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/08/14 20:46	1
Benzene	ND		1.0	0.11	ug/L			09/08/14 20:46	1
Bromoform	ND		1.0	0.19	ug/L			09/08/14 20:46	1
Bromomethane	ND		1.0	0.31	ug/L			09/08/14 20:46	1
2-Butanone	ND		5.0	0.55	ug/L			09/08/14 20:46	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/08/14 20:46	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/08/14 20:46	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/08/14 20:46	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/08/14 20:46	1
Chloroethane	ND		1.0	0.21	ug/L			09/08/14 20:46	1
Chloroform	ND		1.0	0.17	ug/L			09/08/14 20:46	1
Chloromethane	ND		1.0	0.28	ug/L			09/08/14 20:46	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/08/14 20:46	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/08/14 20:46	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/08/14 20:46	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/08/14 20:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/14 20:46	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/08/14 20:46	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/08/14 20:46	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/08/14 20:46	1
2-Hexanone	ND		5.0	0.16	ug/L			09/08/14 20:46	1
Methylene Chloride	0.50	J	1.0	0.13	ug/L			09/08/14 20:46	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/08/14 20:46	1
Styrene	ND		1.0	0.097	ug/L			09/08/14 20:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/08/14 20:46	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/08/14 20:46	1
Toluene	ND		1.0	0.15	ug/L			09/08/14 20:46	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/08/14 20:46	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/08/14 20:46	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/08/14 20:46	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/08/14 20:46	1
Trichloroethene	ND		1.0	0.14	ug/L			09/08/14 20:46	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/08/14 20:46	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/08/14 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 118		09/08/14 20:46	1
Dibromofluoromethane (Surr)	119		70 - 128		09/08/14 20:46	1
1,2-Dichloroethane-d4 (Surr)	123		64 - 135		09/08/14 20:46	1
Toluene-d8 (Surr)	114		71 - 118		09/08/14 20:46	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

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

Lab Sample ID: MB 180-117313/10

Matrix: Water

Analysis Batch: 117313

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/08/14 12:56	1
Benzene	ND		1.0	0.11	ug/L			09/08/14 12:56	1
Bromoform	ND		1.0	0.19	ug/L			09/08/14 12:56	1
Bromomethane	ND		1.0	0.31	ug/L			09/08/14 12:56	1
2-Butanone	ND		5.0	0.55	ug/L			09/08/14 12:56	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/08/14 12:56	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/08/14 12:56	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/08/14 12:56	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/08/14 12:56	1
Chloroethane	ND		1.0	0.21	ug/L			09/08/14 12:56	1
Chloroform	ND		1.0	0.17	ug/L			09/08/14 12:56	1
Chloromethane	ND		1.0	0.28	ug/L			09/08/14 12:56	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/08/14 12:56	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/08/14 12:56	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/08/14 12:56	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/08/14 12:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/14 12:56	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/08/14 12:56	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/08/14 12:56	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/08/14 12:56	1
2-Hexanone	ND		5.0	0.16	ug/L			09/08/14 12:56	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/08/14 12:56	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/08/14 12:56	1
Styrene	ND		1.0	0.097	ug/L			09/08/14 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/08/14 12:56	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/08/14 12:56	1
Toluene	ND		1.0	0.15	ug/L			09/08/14 12:56	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/08/14 12:56	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/08/14 12:56	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/08/14 12:56	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/08/14 12:56	1
Trichloroethene	ND		1.0	0.14	ug/L			09/08/14 12:56	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/08/14 12:56	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/08/14 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 118		09/08/14 12:56	1
Dibromofluoromethane (Surr)	111		70 - 128		09/08/14 12:56	1
1,2-Dichloroethane-d4 (Surr)	110		64 - 135		09/08/14 12:56	1
Toluene-d8 (Surr)	117		71 - 118		09/08/14 12:56	1

Lab Sample ID: LCS 180-117313/13

Matrix: Water

Analysis Batch: 117313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.2		ug/L		81	22 - 150
Benzene	10.0	10.0		ug/L		100	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

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

Lab Sample ID: LCS 180-117313/13

Matrix: Water

Analysis Batch: 117313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	10.3		ug/L		103	46 - 150
Bromomethane	10.0	11.5		ug/L		115	33 - 150
2-Butanone	20.0	17.9		ug/L		90	39 - 138
Carbon disulfide	10.0	9.19		ug/L		92	54 - 132
Carbon tetrachloride	10.0	9.51		ug/L		95	55 - 150
Chlorobenzene	10.0	10.3		ug/L		103	80 - 120
Chlorodibromomethane	10.0	10.8		ug/L		108	60 - 140
Chloroethane	10.0	9.67		ug/L		97	36 - 142
Chloroform	10.0	9.96		ug/L		100	72 - 127
Chloromethane	10.0	8.76		ug/L		88	50 - 139
cis-1,2-Dichloroethene	10.0	9.66		ug/L		97	70 - 120
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	66 - 120
Dichlorobromomethane	10.0	10.1		ug/L		101	66 - 130
1,1-Dichloroethane	10.0	9.73		ug/L		97	73 - 126
1,2-Dichloroethane	10.0	9.77		ug/L		98	68 - 132
1,1-Dichloroethene	10.0	9.46		ug/L		95	65 - 136
1,2-Dichloropropane	10.0	10.0		ug/L		100	76 - 124
Ethylbenzene	10.0	10.0		ug/L		100	72 - 126
2-Hexanone	20.0	16.2		ug/L		81	25 - 132
Methylene Chloride	10.0	9.07		ug/L		91	63 - 129
4-Methyl-2-pentanone	20.0	17.0		ug/L		85	45 - 145
Styrene	10.0	10.5		ug/L		105	71 - 127
1,1,2,2-Tetrachloroethane	10.0	11.3		ug/L		113	62 - 125
Tetrachloroethene	10.0	9.87		ug/L		99	70 - 135
Toluene	10.0	10.8		ug/L		108	80 - 123
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	73 - 126
trans-1,3-Dichloropropene	10.0	11.7		ug/L		117	65 - 125
1,1,1-Trichloroethane	10.0	9.28		ug/L		93	63 - 133
1,1,2-Trichloroethane	10.0	11.1		ug/L		111	77 - 127
Trichloroethene	10.0	9.90		ug/L		99	73 - 120
Vinyl chloride	10.0	9.62		ug/L		96	53 - 138
Xylenes, Total	20.0	20.5		ug/L		103	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 118
Dibromofluoromethane (Surr)	97		70 - 128
1,2-Dichloroethane-d4 (Surr)	93		64 - 135
Toluene-d8 (Surr)	108		71 - 118

Lab Sample ID: MB 180-117422/5

Matrix: Water

Analysis Batch: 117422

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/09/14 11:09	1
Benzene	ND		1.0	0.11	ug/L			09/09/14 11:09	1
Bromoform	ND		1.0	0.19	ug/L			09/09/14 11:09	1
Bromomethane	ND		1.0	0.31	ug/L			09/09/14 11:09	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

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

Lab Sample ID: MB 180-117422/5

Matrix: Water

Analysis Batch: 117422

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			09/09/14 11:09	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/09/14 11:09	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/09/14 11:09	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/09/14 11:09	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/09/14 11:09	1
Chloroethane	ND		1.0	0.21	ug/L			09/09/14 11:09	1
Chloroform	ND		1.0	0.17	ug/L			09/09/14 11:09	1
Chloromethane	ND		1.0	0.28	ug/L			09/09/14 11:09	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/09/14 11:09	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/09/14 11:09	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/09/14 11:09	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/09/14 11:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 11:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/09/14 11:09	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/09/14 11:09	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/09/14 11:09	1
2-Hexanone	ND		5.0	0.16	ug/L			09/09/14 11:09	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/09/14 11:09	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/09/14 11:09	1
Styrene	ND		1.0	0.097	ug/L			09/09/14 11:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/09/14 11:09	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/09/14 11:09	1
Toluene	ND		1.0	0.15	ug/L			09/09/14 11:09	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/09/14 11:09	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/09/14 11:09	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/09/14 11:09	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/09/14 11:09	1
Trichloroethene	ND		1.0	0.14	ug/L			09/09/14 11:09	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/09/14 11:09	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/09/14 11:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		09/09/14 11:09	1
Dibromofluoromethane (Surr)	119		70 - 128		09/09/14 11:09	1
1,2-Dichloroethane-d4 (Surr)	115		64 - 135		09/09/14 11:09	1
Toluene-d8 (Surr)	112		71 - 118		09/09/14 11:09	1

Lab Sample ID: LCS 180-117422/10

Matrix: Water

Analysis Batch: 117422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.9		ug/L		95	22 - 150
Benzene	10.0	10.0		ug/L		100	80 - 120
Bromoform	10.0	10.3		ug/L		103	46 - 150
Bromomethane	10.0	10.5		ug/L		105	33 - 150
2-Butanone	20.0	19.5		ug/L		98	39 - 138
Carbon disulfide	10.0	9.26		ug/L		93	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

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

Lab Sample ID: LCS 180-117422/10

Matrix: Water

Analysis Batch: 117422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	9.35		ug/L		94	55 - 150
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120
Chlorodibromomethane	10.0	10.6		ug/L		106	60 - 140
Chloroethane	10.0	9.89		ug/L		99	36 - 142
Chloroform	10.0	9.64		ug/L		96	72 - 127
Chloromethane	10.0	8.85		ug/L		88	50 - 139
cis-1,2-Dichloroethene	10.0	9.94		ug/L		99	70 - 120
cis-1,3-Dichloropropene	10.0	9.80		ug/L		98	66 - 120
Dichlorobromomethane	10.0	9.84		ug/L		98	66 - 130
1,1-Dichloroethane	10.0	9.76		ug/L		98	73 - 126
1,2-Dichloroethane	10.0	9.65		ug/L		97	68 - 132
1,1-Dichloroethene	10.0	9.46		ug/L		95	65 - 136
1,2-Dichloropropane	10.0	9.51		ug/L		95	76 - 124
Ethylbenzene	10.0	9.85		ug/L		98	72 - 126
2-Hexanone	20.0	18.0		ug/L		90	25 - 132
Methylene Chloride	10.0	9.33		ug/L		93	63 - 129
4-Methyl-2-pentanone	20.0	19.0		ug/L		95	45 - 145
Styrene	10.0	10.2		ug/L		102	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.8		ug/L		108	62 - 125
Tetrachloroethene	10.0	10.2		ug/L		102	70 - 135
Toluene	10.0	10.7		ug/L		107	80 - 123
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	73 - 126
trans-1,3-Dichloropropene	10.0	11.0		ug/L		110	65 - 125
1,1,1-Trichloroethane	10.0	9.41		ug/L		94	63 - 133
1,1,2-Trichloroethane	10.0	11.0		ug/L		110	77 - 127
Trichloroethene	10.0	10.3		ug/L		103	73 - 120
Vinyl chloride	10.0	9.56		ug/L		96	53 - 138
Xylenes, Total	20.0	20.6		ug/L		103	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 118
Dibromofluoromethane (Surr)	99		70 - 128
1,2-Dichloroethane-d4 (Surr)	96		64 - 135
Toluene-d8 (Surr)	106		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-116795/1-A

Matrix: Water

Analysis Batch: 117105

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 116795

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		09/03/14 06:12	09/04/14 17:28	1
Iron	ND		100	9.5	ug/L		09/03/14 06:12	09/04/14 17:28	1
Zinc	ND		20	1.0	ug/L		09/03/14 06:12	09/04/14 17:28	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-116795/2-A

Matrix: Water

Analysis Batch: 117105

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 116795

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2060		ug/L		103	85 - 115
Iron	1000	1050		ug/L		105	85 - 115
Zinc	500	515		ug/L		103	85 - 115

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-116489/1-A

Matrix: Water

Analysis Batch: 116562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		08/29/14 08:52	08/29/14 08:52	1

Lab Sample ID: LCS 180-116489/2-A

Matrix: Water

Analysis Batch: 116562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	35.6		mg/L		89	78 - 114

Lab Sample ID: LCSD 180-116489/3-A

Matrix: Water

Analysis Batch: 116562

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
HEM (Oil & Grease)	40.0	35.8		mg/L		90	78 - 114	1	18

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-117897/1

Matrix: Water

Analysis Batch: 117897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.020		SU		100	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36185-1

GC/MS VOA

Analysis Batch: 117313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total/NA	Water	8260C	
180-36185-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-117313/13	Lab Control Sample	Total/NA	Water	8260C	
MB 180-117313/10	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 117422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-1 - DL	MW2	Total/NA	Water	8260C	
180-36185-1	MW2	Total/NA	Water	8260C	
180-36185-2	MW14	Total/NA	Water	8260C	
LCS 180-117422/10	Lab Control Sample	Total/NA	Water	8260C	
MB 180-117422/5	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 116795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-116795/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-116795/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 117105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total Recoverable	Water	200.7	116795
LCS 180-116795/2-A	Lab Control Sample	Total Recoverable	Water	200.7	116795
MB 180-116795/1-A	Method Blank	Total Recoverable	Water	200.7	116795

General Chemistry

Prep Batch: 116489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-116489/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-116489/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-116489/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 116562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total/NA	Water	1664B	116489
LCS 180-116489/2-A	Lab Control Sample	Total/NA	Water	1664B	116489
LCSD 180-116489/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	116489
MB 180-116489/1-A	Method Blank	Total/NA	Water	1664B	116489

Analysis Batch: 117897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36185-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-117897/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

TestAmerica Pittsburgh

TestAmerica Pittsburgh

301 Alpha Drive RUDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Patty Lundin Company: SGK Ventures, LLC Address: 300 Falconer Road City: Frewsburg State, Zip: NY, 14738 Phone: 14738 Email: plundin@keywell.com Project Name: SGK Ventures, LLC - Frewsburg Site:		Lab PM: Dunlap, David A E-Mail: dave.dunlap@testamericainc.com Carrier Tracking No(s): 180-11355-31.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #: Project #: 18006934 SSOW#:		180-36185 Chain of Custody  Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
Sample Identification Sample ID: MW2 Sample ID: MW14 Sample ID: EFFLUENT Sample ID: also rec. at trip blank 8/28/14		Total Number of Containers: 1 Special Instructions/Note:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are returned to client) ☐ Return To Client ☒ Disposal By Lab ☐ At	
Relinquished by: <i>Chuck Becker</i> Relinquished by: <i>Chuck Becker</i> Relinquished by:		Special Instructions/QC Requirements: Method of Shipment:	
Date/Time: 8/27/14 10:00 AM Date/Time: 8/27/14 10:00 AM Date/Time:		Date/Time: 8/27/14 10:00 AM Date/Time: 8/27/14 10:00 AM Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:	

SHORT HOLD

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Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-36185-1

Login Number: 36185

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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	trip blank rec, not listed on coc
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-36753-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

9/29/2014 11:42:43 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Definitions/Glossary 4

Certification Summary 5

Sample Summary 6

Method Summary 7

Lab Chronicle 8

Client Sample Results 10

QC Sample Results 16

QC Association Summary 25

Chain of Custody 27

Receipt Checklists 28



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Job ID: 180-36753-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-36753-1

Receipt

The samples were received on 9/17/2014 10:33 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-36753-1) and MW14 (180-36753-2). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Qualifiers

GC/MS VOA

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

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-36753-1	MW2	Water	09/15/14 07:00	09/17/14 10:33
180-36753-2	MW14	Water	09/15/14 08:00	09/17/14 10:33
180-36753-3	EFFLUENT	Water	09/15/14 10:00	09/17/14 10:33
180-36753-4	TRIP BLANK	Water	09/15/14 00:00	09/17/14 10:33

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: MW2

Date Collected: 09/15/14 07:00

Date Received: 09/17/14 10:33

Lab Sample ID: 180-36753-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	119259	09/25/14 14:57	DLF	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	8260C		1000	5 mL	5 mL	119397	09/26/14 22:29	DLF	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: MW14

Date Collected: 09/15/14 08:00

Date Received: 09/17/14 10:33

Lab Sample ID: 180-36753-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	119259	09/25/14 15:21	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: EFFLUENT

Date Collected: 09/15/14 10:00

Date Received: 09/17/14 10:33

Lab Sample ID: 180-36753-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	119118	09/24/14 13:45	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	118778	09/22/14 05:33	SLB	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	119303	09/25/14 10:15	RJR	TAL PIT
Instrument ID: C										
Total/NA	Analysis	1664B		1	910 mL	1000 mL	119385	09/25/14 08:34	NAK	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			910 mL	1000 mL	119191	09/25/14 08:34	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	119610	09/29/14 10:04	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TRIP BLANK

Date Collected: 09/15/14 00:00

Date Received: 09/17/14 10:33

Lab Sample ID: 180-36753-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	119118	09/24/14 14:09	DLF	TAL PIT
Instrument ID: CHHP5										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Analyst References:

- Lab: TAL PIT
- Batch Type: Prep
- NAK = Neil Klingman
 - SLB = Sandy Becker
- Batch Type: Analysis
- AB1 = Ashwin Baikadi
 - DLF = Donald Ferguson
 - NAK = Neil Klingman
 - RJR = Ron Rosenbaum

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: MW2

Date Collected: 09/15/14 07:00

Date Received: 09/17/14 10:33

Lab Sample ID: 180-36753-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2500	ug/L			09/26/14 22:29	1000
Benzene	ND		1000	110	ug/L			09/26/14 22:29	1000
Bromoform	ND		1000	190	ug/L			09/26/14 22:29	1000
Bromomethane	ND		1000	310	ug/L			09/26/14 22:29	1000
2-Butanone	ND		5000	550	ug/L			09/26/14 22:29	1000
Carbon disulfide	ND		1000	210	ug/L			09/26/14 22:29	1000
Carbon tetrachloride	ND		1000	140	ug/L			09/26/14 22:29	1000
Chlorobenzene	ND		1000	140	ug/L			09/26/14 22:29	1000
Chlorodibromomethane	ND		1000	140	ug/L			09/26/14 22:29	1000
Chloroethane	ND		1000	210	ug/L			09/26/14 22:29	1000
Chloroform	ND		1000	170	ug/L			09/26/14 22:29	1000
Chloromethane	ND		1000	280	ug/L			09/26/14 22:29	1000
cis-1,2-Dichloroethene	160000	E	1000	240	ug/L			09/26/14 22:29	1000
cis-1,3-Dichloropropene	ND		1000	190	ug/L			09/26/14 22:29	1000
Dichlorobromomethane	ND		1000	130	ug/L			09/26/14 22:29	1000
1,1-Dichloroethane	ND		1000	120	ug/L			09/26/14 22:29	1000
1,2-Dichloroethane	ND		1000	210	ug/L			09/26/14 22:29	1000
1,1-Dichloroethene	410	J	1000	300	ug/L			09/26/14 22:29	1000
1,2-Dichloropropane	ND		1000	95	ug/L			09/26/14 22:29	1000
Ethylbenzene	ND		1000	230	ug/L			09/26/14 22:29	1000
2-Hexanone	ND		5000	160	ug/L			09/26/14 22:29	1000
Methylene Chloride	480	J	1000	130	ug/L			09/26/14 22:29	1000
4-Methyl-2-pentanone	ND		5000	530	ug/L			09/26/14 22:29	1000
Styrene	ND		1000	97	ug/L			09/26/14 22:29	1000
1,1,2,2-Tetrachloroethane	ND		1000	200	ug/L			09/26/14 22:29	1000
Tetrachloroethene	ND		1000	150	ug/L			09/26/14 22:29	1000
Toluene	ND		1000	150	ug/L			09/26/14 22:29	1000
trans-1,2-Dichloroethene	340	J	1000	170	ug/L			09/26/14 22:29	1000
trans-1,3-Dichloropropene	ND		1000	150	ug/L			09/26/14 22:29	1000
1,1,1-Trichloroethane	ND		1000	290	ug/L			09/26/14 22:29	1000
1,1,2-Trichloroethane	ND		1000	200	ug/L			09/26/14 22:29	1000
Trichloroethene	ND		1000	140	ug/L			09/26/14 22:29	1000
Vinyl chloride	33000		1000	230	ug/L			09/26/14 22:29	1000
Xylenes, Total	ND		3000	490	ug/L			09/26/14 22:29	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 118		09/26/14 22:29	1000
Dibromofluoromethane (Surr)	110		70 - 128		09/26/14 22:29	1000
1,2-Dichloroethane-d4 (Surr)	120		64 - 135		09/26/14 22:29	1000
Toluene-d8 (Surr)	112		71 - 118		09/26/14 22:29	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			09/25/14 14:57	10000
Benzene	ND		10000	1100	ug/L			09/25/14 14:57	10000
Bromoform	ND		10000	1900	ug/L			09/25/14 14:57	10000
Bromomethane	ND		10000	3100	ug/L			09/25/14 14:57	10000
2-Butanone	ND		50000	5500	ug/L			09/25/14 14:57	10000
Carbon disulfide	ND		10000	2100	ug/L			09/25/14 14:57	10000
Carbon tetrachloride	ND		10000	1400	ug/L			09/25/14 14:57	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: MW2

Lab Sample ID: 180-36753-1

Date Collected: 09/15/14 07:00

Matrix: Water

Date Received: 09/17/14 10:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			09/25/14 14:57	10000
Chlorodibromomethane	ND		10000	1400	ug/L			09/25/14 14:57	10000
Chloroethane	ND		10000	2100	ug/L			09/25/14 14:57	10000
Chloroform	ND		10000	1700	ug/L			09/25/14 14:57	10000
Chloromethane	ND		10000	2800	ug/L			09/25/14 14:57	10000
cis-1,2-Dichloroethene	250000		10000	2400	ug/L			09/25/14 14:57	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			09/25/14 14:57	10000
Dichlorobromomethane	ND		10000	1300	ug/L			09/25/14 14:57	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			09/25/14 14:57	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			09/25/14 14:57	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			09/25/14 14:57	10000
1,2-Dichloropropane	ND		10000	950	ug/L			09/25/14 14:57	10000
Ethylbenzene	ND		10000	2300	ug/L			09/25/14 14:57	10000
2-Hexanone	ND		50000	1600	ug/L			09/25/14 14:57	10000
Methylene Chloride	ND		10000	1300	ug/L			09/25/14 14:57	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			09/25/14 14:57	10000
Styrene	ND		10000	970	ug/L			09/25/14 14:57	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			09/25/14 14:57	10000
Tetrachloroethene	ND		10000	1500	ug/L			09/25/14 14:57	10000
Toluene	ND		10000	1500	ug/L			09/25/14 14:57	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			09/25/14 14:57	10000
trans-1,3-Dichloropropene	ND		10000	1500	ug/L			09/25/14 14:57	10000
1,1,1-Trichloroethane	ND		10000	2900	ug/L			09/25/14 14:57	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			09/25/14 14:57	10000
Trichloroethene	ND		10000	1400	ug/L			09/25/14 14:57	10000
Vinyl chloride	52000		10000	2300	ug/L			09/25/14 14:57	10000
Xylenes, Total	ND		30000	4900	ug/L			09/25/14 14:57	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 118		09/25/14 14:57	10000
Dibromofluoromethane (Surr)	112		70 - 128		09/25/14 14:57	10000
1,2-Dichloroethane-d4 (Surr)	108		64 - 135		09/25/14 14:57	10000
Toluene-d8 (Surr)	107		71 - 118		09/25/14 14:57	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: MW14

Lab Sample ID: 180-36753-2

Date Collected: 09/15/14 08:00

Matrix: Water

Date Received: 09/17/14 10:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			09/25/14 15:21	500
Benzene	ND		500	53	ug/L			09/25/14 15:21	500
Bromoform	ND		500	96	ug/L			09/25/14 15:21	500
Bromomethane	ND		500	160	ug/L			09/25/14 15:21	500
2-Butanone	ND		2500	270	ug/L			09/25/14 15:21	500
Carbon disulfide	ND		500	110	ug/L			09/25/14 15:21	500
Carbon tetrachloride	ND		500	68	ug/L			09/25/14 15:21	500
Chlorobenzene	ND		500	68	ug/L			09/25/14 15:21	500
Chlorodibromomethane	ND		500	68	ug/L			09/25/14 15:21	500
Chloroethane	ND		500	110	ug/L			09/25/14 15:21	500
Chloroform	ND		500	85	ug/L			09/25/14 15:21	500
Chloromethane	ND		500	140	ug/L			09/25/14 15:21	500
cis-1,2-Dichloroethene	4900		500	120	ug/L			09/25/14 15:21	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			09/25/14 15:21	500
Dichlorobromomethane	ND		500	65	ug/L			09/25/14 15:21	500
1,1-Dichloroethane	ND		500	58	ug/L			09/25/14 15:21	500
1,2-Dichloroethane	ND		500	110	ug/L			09/25/14 15:21	500
1,1-Dichloroethene	ND		500	150	ug/L			09/25/14 15:21	500
1,2-Dichloropropane	ND		500	47	ug/L			09/25/14 15:21	500
Ethylbenzene	ND		500	110	ug/L			09/25/14 15:21	500
2-Hexanone	ND		2500	80	ug/L			09/25/14 15:21	500
Methylene Chloride	ND		500	63	ug/L			09/25/14 15:21	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			09/25/14 15:21	500
Styrene	ND		500	48	ug/L			09/25/14 15:21	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			09/25/14 15:21	500
Tetrachloroethene	ND		500	74	ug/L			09/25/14 15:21	500
Toluene	ND		500	75	ug/L			09/25/14 15:21	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			09/25/14 15:21	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			09/25/14 15:21	500
1,1,1-Trichloroethane	ND		500	140	ug/L			09/25/14 15:21	500
1,1,2-Trichloroethane	ND		500	100	ug/L			09/25/14 15:21	500
Trichloroethene	9300		500	72	ug/L			09/25/14 15:21	500
Vinyl chloride	ND		500	110	ug/L			09/25/14 15:21	500
Xylenes, Total	ND		1500	240	ug/L			09/25/14 15:21	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		09/25/14 15:21	500
Dibromofluoromethane (Surr)	117		70 - 128		09/25/14 15:21	500
1,2-Dichloroethane-d4 (Surr)	107		64 - 135		09/25/14 15:21	500
Toluene-d8 (Surr)	110		71 - 118		09/25/14 15:21	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-36753-3

Date Collected: 09/15/14 10:00

Matrix: Water

Date Received: 09/17/14 10:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/24/14 13:45	1
Benzene	ND		1.0	0.11	ug/L			09/24/14 13:45	1
Bromoform	1.8		1.0	0.19	ug/L			09/24/14 13:45	1
Bromomethane	ND		1.0	0.31	ug/L			09/24/14 13:45	1
2-Butanone	ND		5.0	0.55	ug/L			09/24/14 13:45	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/24/14 13:45	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/24/14 13:45	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/24/14 13:45	1
Chlorodibromomethane	1.4		1.0	0.14	ug/L			09/24/14 13:45	1
Chloroethane	ND		1.0	0.21	ug/L			09/24/14 13:45	1
Chloroform	0.22 J		1.0	0.17	ug/L			09/24/14 13:45	1
Chloromethane	ND		1.0	0.28	ug/L			09/24/14 13:45	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/24/14 13:45	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/24/14 13:45	1
Dichlorobromomethane	0.53 J		1.0	0.13	ug/L			09/24/14 13:45	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/24/14 13:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/14 13:45	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/24/14 13:45	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/24/14 13:45	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/24/14 13:45	1
2-Hexanone	ND		5.0	0.16	ug/L			09/24/14 13:45	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/24/14 13:45	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/24/14 13:45	1
Styrene	ND		1.0	0.097	ug/L			09/24/14 13:45	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/24/14 13:45	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/24/14 13:45	1
Toluene	ND		1.0	0.15	ug/L			09/24/14 13:45	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/24/14 13:45	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/24/14 13:45	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/24/14 13:45	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/24/14 13:45	1
Trichloroethene	0.25 J		1.0	0.14	ug/L			09/24/14 13:45	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/24/14 13:45	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/24/14 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 118		09/24/14 13:45	1
Dibromofluoromethane (Surr)	111		70 - 128		09/24/14 13:45	1
1,2-Dichloroethane-d4 (Surr)	106		64 - 135		09/24/14 13:45	1
Toluene-d8 (Surr)	113		71 - 118		09/24/14 13:45	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		09/22/14 05:33	09/25/14 10:15	1
Iron	1800		100	9.5	ug/L		09/22/14 05:33	09/25/14 10:15	1
Zinc	1300		20	1.0	ug/L		09/22/14 05:33	09/25/14 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	3.1 J		5.5	1.6	mg/L		09/25/14 08:34	09/25/14 08:34	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-36753-3

Date Collected: 09/15/14 10:00

Matrix: Water

Date Received: 09/17/14 10:33

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.68	HF	0.100	0.100	SU	—		09/29/14 10:04	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-36753-4

Date Collected: 09/15/14 00:00

Matrix: Water

Date Received: 09/17/14 10:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/24/14 14:09	1
Benzene	ND		1.0	0.11	ug/L			09/24/14 14:09	1
Bromoform	ND		1.0	0.19	ug/L			09/24/14 14:09	1
Bromomethane	ND		1.0	0.31	ug/L			09/24/14 14:09	1
2-Butanone	ND		5.0	0.55	ug/L			09/24/14 14:09	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/24/14 14:09	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/24/14 14:09	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/24/14 14:09	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/24/14 14:09	1
Chloroethane	ND		1.0	0.21	ug/L			09/24/14 14:09	1
Chloroform	ND		1.0	0.17	ug/L			09/24/14 14:09	1
Chloromethane	ND		1.0	0.28	ug/L			09/24/14 14:09	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/24/14 14:09	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/24/14 14:09	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/24/14 14:09	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/24/14 14:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/14 14:09	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/24/14 14:09	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/24/14 14:09	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/24/14 14:09	1
2-Hexanone	ND		5.0	0.16	ug/L			09/24/14 14:09	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/24/14 14:09	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/24/14 14:09	1
Styrene	ND		1.0	0.097	ug/L			09/24/14 14:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/24/14 14:09	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/24/14 14:09	1
Toluene	ND		1.0	0.15	ug/L			09/24/14 14:09	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/24/14 14:09	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/24/14 14:09	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/24/14 14:09	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/24/14 14:09	1
Trichloroethene	0.29	J	1.0	0.14	ug/L			09/24/14 14:09	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/24/14 14:09	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/24/14 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		09/24/14 14:09	1
Dibromofluoromethane (Surr)	115		70 - 128		09/24/14 14:09	1
1,2-Dichloroethane-d4 (Surr)	109		64 - 135		09/24/14 14:09	1
Toluene-d8 (Surr)	111		71 - 118		09/24/14 14:09	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: MB 180-119118/6

Matrix: Water

Analysis Batch: 119118

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/24/14 13:00	1
Benzene	ND		1.0	0.11	ug/L			09/24/14 13:00	1
Bromoform	ND		1.0	0.19	ug/L			09/24/14 13:00	1
Bromomethane	ND		1.0	0.31	ug/L			09/24/14 13:00	1
2-Butanone	ND		5.0	0.55	ug/L			09/24/14 13:00	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/24/14 13:00	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/24/14 13:00	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/24/14 13:00	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/24/14 13:00	1
Chloroethane	ND		1.0	0.21	ug/L			09/24/14 13:00	1
Chloroform	ND		1.0	0.17	ug/L			09/24/14 13:00	1
Chloromethane	ND		1.0	0.28	ug/L			09/24/14 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/24/14 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/24/14 13:00	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/24/14 13:00	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/24/14 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/14 13:00	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/24/14 13:00	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/24/14 13:00	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/24/14 13:00	1
2-Hexanone	ND		5.0	0.16	ug/L			09/24/14 13:00	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/24/14 13:00	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/24/14 13:00	1
Styrene	ND		1.0	0.097	ug/L			09/24/14 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/24/14 13:00	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/24/14 13:00	1
Toluene	ND		1.0	0.15	ug/L			09/24/14 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/24/14 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/24/14 13:00	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/24/14 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/24/14 13:00	1
Trichloroethene	ND		1.0	0.14	ug/L			09/24/14 13:00	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/24/14 13:00	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/24/14 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 118		09/24/14 13:00	1
Dibromofluoromethane (Surr)	110		70 - 128		09/24/14 13:00	1
1,2-Dichloroethane-d4 (Surr)	108		64 - 135		09/24/14 13:00	1
Toluene-d8 (Surr)	107		71 - 118		09/24/14 13:00	1

Lab Sample ID: LCS 180-119118/9

Matrix: Water

Analysis Batch: 119118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.9		ug/L		94	22 - 150
Benzene	10.0	9.63		ug/L		96	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: LCS 180-119118/9

Matrix: Water

Analysis Batch: 119118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	9.87		ug/L		99	46 - 150
Bromomethane	10.0	9.81		ug/L		98	33 - 150
2-Butanone	20.0	19.9		ug/L		99	39 - 138
Carbon disulfide	10.0	8.74		ug/L		87	54 - 132
Carbon tetrachloride	10.0	9.73		ug/L		97	55 - 150
Chlorobenzene	10.0	10.8		ug/L		108	80 - 120
Chlorodibromomethane	10.0	11.1		ug/L		111	60 - 140
Chloroethane	10.0	8.53		ug/L		85	36 - 142
Chloroform	10.0	9.53		ug/L		95	72 - 127
Chloromethane	10.0	8.24		ug/L		82	50 - 139
cis-1,2-Dichloroethene	10.0	9.79		ug/L		98	70 - 120
cis-1,3-Dichloropropene	10.0	9.59		ug/L		96	66 - 120
Dichlorobromomethane	10.0	9.68		ug/L		97	66 - 130
1,1-Dichloroethane	10.0	9.29		ug/L		93	73 - 126
1,2-Dichloroethane	10.0	9.19		ug/L		92	68 - 132
1,1-Dichloroethene	10.0	8.89		ug/L		89	65 - 136
1,2-Dichloropropane	10.0	9.52		ug/L		95	76 - 124
Ethylbenzene	10.0	10.6		ug/L		106	72 - 126
2-Hexanone	20.0	19.8		ug/L		99	25 - 132
Methylene Chloride	10.0	8.83		ug/L		88	63 - 129
4-Methyl-2-pentanone	20.0	19.8		ug/L		99	45 - 145
Styrene	10.0	10.8		ug/L		108	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.5		ug/L		105	62 - 125
Tetrachloroethene	10.0	10.2		ug/L		102	70 - 135
Toluene	10.0	10.9		ug/L		109	80 - 123
trans-1,2-Dichloroethene	10.0	9.44		ug/L		94	73 - 126
trans-1,3-Dichloropropene	10.0	10.8		ug/L		108	65 - 125
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 133
1,1,2-Trichloroethane	10.0	10.8		ug/L		108	77 - 127
Trichloroethene	10.0	9.86		ug/L		99	73 - 120
Vinyl chloride	10.0	9.25		ug/L		93	53 - 138
Xylenes, Total	20.0	21.8		ug/L		109	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 118
Dibromofluoromethane (Surr)	95		70 - 128
1,2-Dichloroethane-d4 (Surr)	93		64 - 135
Toluene-d8 (Surr)	107		71 - 118

Lab Sample ID: 180-36753-3 MS

Matrix: Water

Analysis Batch: 119118

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		10.0	9.94		ug/L		99	22 - 150
Benzene	ND		10.0	9.36		ug/L		94	80 - 120
Bromoform	1.8		10.0	10.4		ug/L		85	46 - 150
Bromomethane	ND		10.0	11.2		ug/L		112	33 - 150

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: 180-36753-3 MS

Matrix: Water

Analysis Batch: 119118

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	ND		10.0	9.69		ug/L		97	39 - 138
Carbon disulfide	ND		10.0	8.46		ug/L		85	54 - 132
Carbon tetrachloride	ND		10.0	9.36		ug/L		94	55 - 150
Chlorobenzene	ND		10.0	9.91		ug/L		99	80 - 120
Chlorodibromomethane	1.4		10.0	12.0		ug/L		106	60 - 140
Chloroethane	ND		10.0	8.41		ug/L		84	36 - 142
Chloroform	0.22	J	10.0	9.36		ug/L		91	72 - 127
Chloromethane	ND		10.0	7.89		ug/L		79	50 - 139
cis-1,2-Dichloroethene	ND		10.0	9.13		ug/L		91	70 - 120
cis-1,3-Dichloropropene	ND		10.0	9.44		ug/L		94	66 - 120
Dichlorobromomethane	0.53	J	10.0	9.95		ug/L		94	66 - 130
1,1-Dichloroethane	ND		10.0	8.75		ug/L		87	73 - 126
1,2-Dichloroethane	ND		10.0	8.93		ug/L		89	68 - 132
1,1-Dichloroethene	ND		10.0	8.76		ug/L		88	65 - 136
1,2-Dichloropropane	ND		10.0	9.07		ug/L		91	76 - 124
Ethylbenzene	ND		10.0	9.80		ug/L		98	72 - 126
2-Hexanone	ND		10.0	9.72		ug/L		97	25 - 132
Methylene Chloride	ND		10.0	8.49		ug/L		85	63 - 129
4-Methyl-2-pentanone	ND		10.0	8.78		ug/L		88	45 - 145
Styrene	ND		10.0	9.68		ug/L		97	71 - 127
1,1,2,2-Tetrachloroethane	ND		10.0	8.94		ug/L		89	62 - 125
Tetrachloroethene	ND		10.0	9.76		ug/L		98	70 - 135
Toluene	ND		10.0	10.4		ug/L		104	80 - 123
trans-1,2-Dichloroethene	ND		10.0	9.10		ug/L		91	73 - 126
trans-1,3-Dichloropropene	ND		10.0	10.6		ug/L		106	65 - 125
1,1,1-Trichloroethane	ND		10.0	9.98		ug/L		100	63 - 133
1,1,2-Trichloroethane	ND		10.0	10.1		ug/L		101	77 - 127
Trichloroethene	0.25	J	10.0	9.49		ug/L		92	73 - 120
Vinyl chloride	ND		10.0	8.66		ug/L		87	53 - 138
Xylenes, Total	ND		20.0	19.5		ug/L		98	76 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 118
Dibromofluoromethane (Surr)	98		70 - 128
1,2-Dichloroethane-d4 (Surr)	93		64 - 135
Toluene-d8 (Surr)	112		71 - 118

Lab Sample ID: 180-36753-3 MSD

Matrix: Water

Analysis Batch: 119118

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		10.0	9.98		ug/L		100	22 - 150	0	35
Benzene	ND		10.0	9.45		ug/L		94	80 - 120	1	32
Bromoform	1.8		10.0	10.9		ug/L		91	46 - 150	5	35
Bromomethane	ND		10.0	12.2		ug/L		122	33 - 150	9	35
2-Butanone	ND		10.0	10.5		ug/L		105	39 - 138	8	35
Carbon disulfide	ND		10.0	8.74		ug/L		87	54 - 132	3	35

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: 180-36753-3 MSD

Matrix: Water

Analysis Batch: 119118

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		10.0	9.33		ug/L		93	55 - 150	0	35
Chlorobenzene	ND		10.0	10.3		ug/L		103	80 - 120	4	29
Chlorodibromomethane	1.4		10.0	12.0		ug/L		106	60 - 140	0	35
Chloroethane	ND		10.0	8.93		ug/L		89	36 - 142	6	35
Chloroform	0.22	J	10.0	10.0		ug/L		98	72 - 127	7	35
Chloromethane	ND		10.0	8.57		ug/L		86	50 - 139	8	35
cis-1,2-Dichloroethene	ND		10.0	9.94		ug/L		99	70 - 120	9	35
cis-1,3-Dichloropropene	ND		10.0	9.77		ug/L		98	66 - 120	3	35
Dichlorobromomethane	0.53	J	10.0	9.96		ug/L		94	66 - 130	0	35
1,1-Dichloroethane	ND		10.0	9.13		ug/L		91	73 - 126	4	35
1,2-Dichloroethane	ND		10.0	9.54		ug/L		95	68 - 132	7	32
1,1-Dichloroethene	ND		10.0	8.42		ug/L		84	65 - 136	4	35
1,2-Dichloropropane	ND		10.0	9.83		ug/L		98	76 - 124	8	34
Ethylbenzene	ND		10.0	9.64		ug/L		96	72 - 126	2	33
2-Hexanone	ND		10.0	9.75		ug/L		97	25 - 132	0	35
Methylene Chloride	ND		10.0	8.99		ug/L		90	63 - 129	6	35
4-Methyl-2-pentanone	ND		10.0	9.27		ug/L		93	45 - 145	5	35
Styrene	ND		10.0	9.94		ug/L		99	71 - 127	3	34
1,1,2,2-Tetrachloroethane	ND		10.0	9.83		ug/L		98	62 - 125	9	35
Tetrachloroethene	ND		10.0	9.22		ug/L		92	70 - 135	6	35
Toluene	ND		10.0	10.2		ug/L		102	80 - 123	3	35
trans-1,2-Dichloroethene	ND		10.0	9.45		ug/L		94	73 - 126	4	35
trans-1,3-Dichloropropene	ND		10.0	10.7		ug/L		107	65 - 125	1	35
1,1,1-Trichloroethane	ND		10.0	10.0		ug/L		100	63 - 133	1	35
1,1,2-Trichloroethane	ND		10.0	10.4		ug/L		104	77 - 127	3	35
Trichloroethene	0.25	J	10.0	9.93		ug/L		97	73 - 120	5	35
Vinyl chloride	ND		10.0	8.94		ug/L		89	53 - 138	3	35
Xylenes, Total	ND		20.0	19.4		ug/L		97	76 - 128	1	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 118
Dibromofluoromethane (Surr)	102		70 - 128
1,2-Dichloroethane-d4 (Surr)	95		64 - 135
Toluene-d8 (Surr)	108		71 - 118

Lab Sample ID: MB 180-119259/5

Matrix: Water

Analysis Batch: 119259

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/25/14 11:40	1
Benzene	ND		1.0	0.11	ug/L			09/25/14 11:40	1
Bromoform	ND		1.0	0.19	ug/L			09/25/14 11:40	1
Bromomethane	ND		1.0	0.31	ug/L			09/25/14 11:40	1
2-Butanone	ND		5.0	0.55	ug/L			09/25/14 11:40	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/25/14 11:40	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/25/14 11:40	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/25/14 11:40	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: MB 180-119259/5

Matrix: Water

Analysis Batch: 119259

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/25/14 11:40	1
Chloroethane	ND		1.0	0.21	ug/L			09/25/14 11:40	1
Chloroform	ND		1.0	0.17	ug/L			09/25/14 11:40	1
Chloromethane	ND		1.0	0.28	ug/L			09/25/14 11:40	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/25/14 11:40	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/25/14 11:40	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/25/14 11:40	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/25/14 11:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/14 11:40	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/25/14 11:40	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/25/14 11:40	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/25/14 11:40	1
2-Hexanone	ND		5.0	0.16	ug/L			09/25/14 11:40	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/25/14 11:40	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/25/14 11:40	1
Styrene	ND		1.0	0.097	ug/L			09/25/14 11:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/25/14 11:40	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/25/14 11:40	1
Toluene	ND		1.0	0.15	ug/L			09/25/14 11:40	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/25/14 11:40	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/25/14 11:40	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/25/14 11:40	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/25/14 11:40	1
Trichloroethene	ND		1.0	0.14	ug/L			09/25/14 11:40	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/25/14 11:40	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/25/14 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 118		09/25/14 11:40	1
Dibromofluoromethane (Surr)	115		70 - 128		09/25/14 11:40	1
1,2-Dichloroethane-d4 (Surr)	111		64 - 135		09/25/14 11:40	1
Toluene-d8 (Surr)	111		71 - 118		09/25/14 11:40	1

Lab Sample ID: LCS 180-119259/8

Matrix: Water

Analysis Batch: 119259

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	17.2		ug/L		86	22 - 150
Benzene	10.0	9.33		ug/L		93	80 - 120
Bromoform	10.0	8.03		ug/L		80	46 - 150
Bromomethane	10.0	10.2		ug/L		102	33 - 150
2-Butanone	20.0	20.2		ug/L		101	39 - 138
Carbon disulfide	10.0	9.25		ug/L		92	54 - 132
Carbon tetrachloride	10.0	8.97		ug/L		90	55 - 150
Chlorobenzene	10.0	9.68		ug/L		97	80 - 120
Chlorodibromomethane	10.0	9.68		ug/L		97	60 - 140
Chloroethane	10.0	9.30		ug/L		93	36 - 142

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: LCS 180-119259/8

Matrix: Water

Analysis Batch: 119259

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	10.0	9.03		ug/L		90	72 - 127
Chloromethane	10.0	8.09		ug/L		81	50 - 139
cis-1,2-Dichloroethene	10.0	9.12		ug/L		91	70 - 120
cis-1,3-Dichloropropene	10.0	8.70		ug/L		87	66 - 120
Dichlorobromomethane	10.0	9.56		ug/L		96	66 - 130
1,1-Dichloroethane	10.0	8.78		ug/L		88	73 - 126
1,2-Dichloroethane	10.0	8.93		ug/L		89	68 - 132
1,1-Dichloroethene	10.0	8.73		ug/L		87	65 - 136
1,2-Dichloropropane	10.0	9.13		ug/L		91	76 - 124
Ethylbenzene	10.0	9.58		ug/L		96	72 - 126
2-Hexanone	20.0	17.5		ug/L		88	25 - 132
Methylene Chloride	10.0	7.96		ug/L		80	63 - 129
4-Methyl-2-pentanone	20.0	17.5		ug/L		88	45 - 145
Styrene	10.0	9.84		ug/L		98	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.60		ug/L		96	62 - 125
Tetrachloroethene	10.0	9.49		ug/L		95	70 - 135
Toluene	10.0	10.1		ug/L		101	80 - 123
trans-1,2-Dichloroethene	10.0	9.25		ug/L		93	73 - 126
trans-1,3-Dichloropropene	10.0	9.18		ug/L		92	65 - 125
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	63 - 133
1,1,2-Trichloroethane	10.0	9.71		ug/L		97	77 - 127
Trichloroethene	10.0	9.53		ug/L		95	73 - 120
Vinyl chloride	10.0	9.12		ug/L		91	53 - 138
Xylenes, Total	20.0	19.5		ug/L		97	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 118
Dibromofluoromethane (Surr)	96		70 - 128
1,2-Dichloroethane-d4 (Surr)	88		64 - 135
Toluene-d8 (Surr)	101		71 - 118

Lab Sample ID: MB 180-119397/4

Matrix: Water

Analysis Batch: 119397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			09/26/14 12:36	1
Benzene	ND		1.0	0.11	ug/L			09/26/14 12:36	1
Bromoform	ND		1.0	0.19	ug/L			09/26/14 12:36	1
Bromomethane	ND		1.0	0.31	ug/L			09/26/14 12:36	1
2-Butanone	ND		5.0	0.55	ug/L			09/26/14 12:36	1
Carbon disulfide	ND		1.0	0.21	ug/L			09/26/14 12:36	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			09/26/14 12:36	1
Chlorobenzene	ND		1.0	0.14	ug/L			09/26/14 12:36	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			09/26/14 12:36	1
Chloroethane	ND		1.0	0.21	ug/L			09/26/14 12:36	1
Chloroform	ND		1.0	0.17	ug/L			09/26/14 12:36	1
Chloromethane	ND		1.0	0.28	ug/L			09/26/14 12:36	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: MB 180-119397/4

Matrix: Water

Analysis Batch: 119397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			09/26/14 12:36	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			09/26/14 12:36	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			09/26/14 12:36	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			09/26/14 12:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/26/14 12:36	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			09/26/14 12:36	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			09/26/14 12:36	1
Ethylbenzene	ND		1.0	0.23	ug/L			09/26/14 12:36	1
2-Hexanone	ND		5.0	0.16	ug/L			09/26/14 12:36	1
Methylene Chloride	ND		1.0	0.13	ug/L			09/26/14 12:36	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			09/26/14 12:36	1
Styrene	ND		1.0	0.097	ug/L			09/26/14 12:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/26/14 12:36	1
Tetrachloroethene	ND		1.0	0.15	ug/L			09/26/14 12:36	1
Toluene	ND		1.0	0.15	ug/L			09/26/14 12:36	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			09/26/14 12:36	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			09/26/14 12:36	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			09/26/14 12:36	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/26/14 12:36	1
Trichloroethene	ND		1.0	0.14	ug/L			09/26/14 12:36	1
Vinyl chloride	ND		1.0	0.23	ug/L			09/26/14 12:36	1
Xylenes, Total	ND		3.0	0.49	ug/L			09/26/14 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 118		09/26/14 12:36	1
Dibromofluoromethane (Surr)	111		70 - 128		09/26/14 12:36	1
1,2-Dichloroethane-d4 (Surr)	123		64 - 135		09/26/14 12:36	1
Toluene-d8 (Surr)	115		71 - 118		09/26/14 12:36	1

Lab Sample ID: LCS 180-119397/7

Matrix: Water

Analysis Batch: 119397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	22.8		ug/L		114	22 - 150
Benzene	10.0	10.3		ug/L		103	80 - 120
Bromoform	10.0	8.61		ug/L		86	46 - 150
Bromomethane	10.0	11.0		ug/L		110	33 - 150
2-Butanone	20.0	21.9		ug/L		109	39 - 138
Carbon disulfide	10.0	9.97		ug/L		100	54 - 132
Carbon tetrachloride	10.0	8.97		ug/L		90	55 - 150
Chlorobenzene	10.0	10.1		ug/L		101	80 - 120
Chlorodibromomethane	10.0	8.76		ug/L		88	60 - 140
Chloroethane	10.0	11.8		ug/L		118	36 - 142
Chloroform	10.0	10.5		ug/L		105	72 - 127
Chloromethane	10.0	11.4		ug/L		114	50 - 139
cis-1,2-Dichloroethene	10.0	9.35		ug/L		94	70 - 120
cis-1,3-Dichloropropene	10.0	8.01		ug/L		80	66 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

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

Lab Sample ID: LCS 180-119397/7

Matrix: Water

Analysis Batch: 119397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	10.0	9.65		ug/L		97	66 - 130
1,1-Dichloroethane	10.0	11.4		ug/L		114	73 - 126
1,2-Dichloroethane	10.0	11.6		ug/L		116	68 - 132
1,1-Dichloroethene	10.0	9.42		ug/L		94	65 - 136
1,2-Dichloropropane	10.0	10.9		ug/L		109	76 - 124
Ethylbenzene	10.0	10.3		ug/L		103	72 - 126
2-Hexanone	20.0	21.0		ug/L		105	25 - 132
Methylene Chloride	10.0	9.68		ug/L		97	63 - 129
4-Methyl-2-pentanone	20.0	19.0		ug/L		95	45 - 145
Styrene	10.0	10.4		ug/L		104	71 - 127
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	62 - 125
Tetrachloroethene	10.0	9.73		ug/L		97	70 - 135
Toluene	10.0	10.2		ug/L		102	80 - 123
trans-1,2-Dichloroethene	10.0	9.97		ug/L		100	73 - 126
trans-1,3-Dichloropropene	10.0	8.24		ug/L		82	65 - 125
1,1,1-Trichloroethane	10.0	9.28		ug/L		93	63 - 133
1,1,2-Trichloroethane	10.0	9.88		ug/L		99	77 - 127
Trichloroethene	10.0	8.80		ug/L		88	73 - 120
Vinyl chloride	10.0	11.4		ug/L		114	53 - 138
Xylenes, Total	20.0	20.6		ug/L		103	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 118
Dibromofluoromethane (Surr)	102		70 - 128
1,2-Dichloroethane-d4 (Surr)	115		64 - 135
Toluene-d8 (Surr)	97		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-118778/1-A

Matrix: Water

Analysis Batch: 119303

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 118778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		09/22/14 05:33	09/25/14 08:23	1
Iron	ND		100	9.5	ug/L		09/22/14 05:33	09/25/14 08:23	1
Zinc	ND		20	1.0	ug/L		09/22/14 05:33	09/25/14 08:23	1

Lab Sample ID: LCS 180-118778/2-A

Matrix: Water

Analysis Batch: 119303

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 118778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2010		ug/L		100	85 - 115
Iron	1000	1020		ug/L		102	85 - 115
Zinc	500	501		ug/L		100	85 - 115

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-119191/1-A

Matrix: Water

Analysis Batch: 119385

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		09/25/14 08:34	09/25/14 08:34	1

Lab Sample ID: LCS 180-119191/2-A

Matrix: Water

Analysis Batch: 119385

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	32.5		mg/L		81	78 - 114

Lab Sample ID: LCSD 180-119191/3-A

Matrix: Water

Analysis Batch: 119385

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM (Oil & Grease)	40.0	31.4		mg/L		79	78 - 114	3	18

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-119610/1

Matrix: Water

Analysis Batch: 119610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.030		SU		100	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

GC/MS VOA

Analysis Batch: 119118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total/NA	Water	8260C	
180-36753-3 MS	EFFLUENT	Total/NA	Water	8260C	
180-36753-3 MSD	EFFLUENT	Total/NA	Water	8260C	
180-36753-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-119118/9	Lab Control Sample	Total/NA	Water	8260C	
MB 180-119118/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 119259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-1 - DL	MW2	Total/NA	Water	8260C	
180-36753-2	MW14	Total/NA	Water	8260C	
LCS 180-119259/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-119259/5	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 119397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-1	MW2	Total/NA	Water	8260C	
LCS 180-119397/7	Lab Control Sample	Total/NA	Water	8260C	
MB 180-119397/4	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 118778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-118778/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-118778/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 119303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total Recoverable	Water	200.7	118778
LCS 180-118778/2-A	Lab Control Sample	Total Recoverable	Water	200.7	118778
MB 180-118778/1-A	Method Blank	Total Recoverable	Water	200.7	118778

General Chemistry

Prep Batch: 119191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-119191/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-119191/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-119191/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 119385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total/NA	Water	1664B	119191
LCS 180-119191/2-A	Lab Control Sample	Total/NA	Water	1664B	119191
LCSD 180-119191/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	119191
MB 180-119191/1-A	Method Blank	Total/NA	Water	1664B	119191

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-36753-1

General Chemistry (Continued)

Analysis Batch: 119610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-36753-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-119610/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Chain of Custody Record

TestAmerica Pittsburgh
301 Alpha Drive RDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information Client Contact: Patty Lundin Company: SGK Ventures, LLC Address: 300 Falconer Road City: Frewsburg State: NY Zip: 14738 Phone: [blank] Email: plundin@keywell.com Project Name: SGK Ventures, LLC - Frewsburg Site: [blank]		Lab PM: Dunlap, David A. E-Mail: dave.dunlap@testamericainc.com Carrier Tracking No(s): [blank]		COC No: 180-11355-31.1 Page: Page 1 of 1 Job #: [blank]	
Due Date Requested: [blank] TAI Requested (days): [blank] PO #: [blank] WO #: [blank] Purchase Order not required Project #: 18006934 SSOW #: [blank]		Analysis Requested 180-36753 Chain of Custody 860C, LL - TOL 3.2 - Low Level SM500, H+ - pH 200.7 - ICP Metals (Al, Fe, Zn) 1064B - HEM (Oil and Grease)			
Sample Identification MW2 MW14 EFFLUENT also received a drop blank		Sample Date 9/16/14 9/15/14 9/16/14	Sample Time 7:00am 8:00am 10:00am	Sample Type (C=Comp, G=grab) G G G	Matrix (Water, Solid, Other) W W W
Special Instructions/Note: J - 2a water K - EDTA L - EDA Other: [blank]					
Preservation Codes: M - Hexane N - None O - Aethanol P - Na2CO3 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)					
Sample Disposal (A fee may be assessed if samples are retain): ☐ Return To Client ☒ Disposal By Lab ☐ Arc Special Instructions/QC Requirements: [blank]					
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) [blank]		Empty/Kit Relinquished by: [blank] Relinquished by: Chuck Becker Relinquished by: [blank] Relinquished by: [blank]			
Date/Time: 9/15/14 10:30am Date/Time: [blank] Date/Time: [blank]		Date/Time: 9/16/14 10:30am Date/Time: [blank] Date/Time: [blank]			
Custody Seal Intact: A Yes A No Custody Seal No.: [blank]		Cooler Temperature(s) °C and Other Remarks: [blank]			

SHORT HOLD

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-36753-1

Login Number: 36753

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-37837-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

10/31/2014 12:32:38 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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www.testamericainc.com

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.

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Definitions/Glossary 4

Certification Summary 5

Sample Summary 6

Method Summary 7

Lab Chronicle 8

Client Sample Results 10

QC Sample Results 18

QC Association Summary 23

Chain of Custody 24

Receipt Checklists 25



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Job ID: 180-37837-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-37837-1

Receipt

The samples were received on 10/17/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: INFLUENT (180-37837-3), MW14 (180-37837-2), MW2 (180-37837-1). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-37837-1	MW2	Water	10/16/14 07:00	10/17/14 09:00
180-37837-2	MW14	Water	10/16/14 08:00	10/17/14 09:00
180-37837-3	INFLUENT	Water	10/16/14 09:45	10/17/14 09:00
180-37837-4	EFFLUENT	Water	10/16/14 09:15	10/17/14 09:00
180-37837-5	TRIP BLANK	Water	10/16/14 00:00	10/17/14 09:00

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: MW2

Date Collected: 10/16/14 07:00

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	123147	10/29/14 16:56	KLG	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	8260C		1000	5 mL	5 mL	123301	10/30/14 17:18	DLF	TAL PIT
		Instrument ID: CHHP5								

Client Sample ID: MW14

Date Collected: 10/16/14 08:00

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	123147	10/29/14 17:21	KLG	TAL PIT
		Instrument ID: CHHP5								

Client Sample ID: INFLUENT

Date Collected: 10/16/14 09:45

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	123147	10/29/14 17:45	KLG	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	123301	10/30/14 14:53	DLF	TAL PIT
		Instrument ID: CHHP5								

Client Sample ID: EFFLUENT

Date Collected: 10/16/14 09:15

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	123147	10/29/14 18:33	KLG	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	122060	10/20/14 13:07	LEM	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	122284	10/21/14 15:49	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	1664B		1	910 mL	1000 mL	122723	10/25/14 09:27	NAK	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Prep	1664B			910 mL	1000 mL	122702	10/25/14 09:27	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	122011	10/20/14 10:35	AB1	TAL PIT
		Instrument ID: NOEQUIP								

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: TRIP BLANK
Date Collected: 10/16/14 00:00
Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	123301	10/30/14 14:05	DLF	TAL PIT
Instrument ID: CHHP5										

Laboratory References:
TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:
Lab: TAL PIT

Batch Type: Prep

LEM = Lauren McGrath

NAK = Neil Klingman

Batch Type: Analysis

AB1 = Ashwin Baikadi

DLF = Donald Ferguson

KLK = Kathy Gordon

NAK = Neil Klingman

RJG = Rob Good

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: MW2

Date Collected: 10/16/14 07:00

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2500	ug/L			10/30/14 17:18	1000
Benzene	ND		1000	110	ug/L			10/30/14 17:18	1000
Bromoform	ND		1000	190	ug/L			10/30/14 17:18	1000
Bromomethane	ND		1000	310	ug/L			10/30/14 17:18	1000
2-Butanone	ND		5000	550	ug/L			10/30/14 17:18	1000
Carbon disulfide	ND		1000	210	ug/L			10/30/14 17:18	1000
Carbon tetrachloride	ND		1000	140	ug/L			10/30/14 17:18	1000
Chlorobenzene	ND		1000	140	ug/L			10/30/14 17:18	1000
Chlorodibromomethane	ND		1000	140	ug/L			10/30/14 17:18	1000
Chloroethane	ND		1000	210	ug/L			10/30/14 17:18	1000
Chloroform	ND		1000	170	ug/L			10/30/14 17:18	1000
Chloromethane	ND		1000	280	ug/L			10/30/14 17:18	1000
cis-1,2-Dichloroethene	210000	E	1000	240	ug/L			10/30/14 17:18	1000
cis-1,3-Dichloropropene	ND		1000	190	ug/L			10/30/14 17:18	1000
Dichlorobromomethane	ND		1000	130	ug/L			10/30/14 17:18	1000
1,1-Dichloroethane	ND		1000	120	ug/L			10/30/14 17:18	1000
1,2-Dichloroethane	ND		1000	210	ug/L			10/30/14 17:18	1000
1,1-Dichloroethene	490	J	1000	300	ug/L			10/30/14 17:18	1000
1,2-Dichloropropane	ND		1000	95	ug/L			10/30/14 17:18	1000
Ethylbenzene	ND		1000	230	ug/L			10/30/14 17:18	1000
2-Hexanone	ND		5000	160	ug/L			10/30/14 17:18	1000
Methylene Chloride	ND		1000	130	ug/L			10/30/14 17:18	1000
4-Methyl-2-pentanone	ND		5000	530	ug/L			10/30/14 17:18	1000
Styrene	ND		1000	97	ug/L			10/30/14 17:18	1000
1,1,2,2-Tetrachloroethane	ND		1000	200	ug/L			10/30/14 17:18	1000
Tetrachloroethene	ND		1000	150	ug/L			10/30/14 17:18	1000
Toluene	ND		1000	150	ug/L			10/30/14 17:18	1000
trans-1,2-Dichloroethene	400	J	1000	170	ug/L			10/30/14 17:18	1000
trans-1,3-Dichloropropene	ND		1000	150	ug/L			10/30/14 17:18	1000
1,1,1-Trichloroethane	ND		1000	290	ug/L			10/30/14 17:18	1000
1,1,2-Trichloroethane	ND		1000	200	ug/L			10/30/14 17:18	1000
Trichloroethene	590	J	1000	140	ug/L			10/30/14 17:18	1000
Vinyl chloride	50000	E	1000	230	ug/L			10/30/14 17:18	1000
Xylenes, Total	ND		3000	490	ug/L			10/30/14 17:18	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 118		10/30/14 17:18	1000
Dibromofluoromethane (Surr)	100		70 - 128		10/30/14 17:18	1000
1,2-Dichloroethane-d4 (Surr)	98		64 - 135		10/30/14 17:18	1000
Toluene-d8 (Surr)	101		71 - 118		10/30/14 17:18	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			10/29/14 16:56	10000
Benzene	ND		10000	1100	ug/L			10/29/14 16:56	10000
Bromoform	ND		10000	1900	ug/L			10/29/14 16:56	10000
Bromomethane	ND		10000	3100	ug/L			10/29/14 16:56	10000
2-Butanone	ND		50000	5500	ug/L			10/29/14 16:56	10000
Carbon disulfide	ND		10000	2100	ug/L			10/29/14 16:56	10000
Carbon tetrachloride	ND		10000	1400	ug/L			10/29/14 16:56	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: MW2

Lab Sample ID: 180-37837-1

Date Collected: 10/16/14 07:00

Matrix: Water

Date Received: 10/17/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			10/29/14 16:56	10000
Chlorodibromomethane	ND		10000	1400	ug/L			10/29/14 16:56	10000
Chloroethane	ND		10000	2100	ug/L			10/29/14 16:56	10000
Chloroform	ND		10000	1700	ug/L			10/29/14 16:56	10000
Chloromethane	ND		10000	2800	ug/L			10/29/14 16:56	10000
cis-1,2-Dichloroethene	280000		10000	2400	ug/L			10/29/14 16:56	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			10/29/14 16:56	10000
Dichlorobromomethane	ND		10000	1300	ug/L			10/29/14 16:56	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			10/29/14 16:56	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			10/29/14 16:56	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			10/29/14 16:56	10000
1,2-Dichloropropane	ND		10000	950	ug/L			10/29/14 16:56	10000
Ethylbenzene	ND		10000	2300	ug/L			10/29/14 16:56	10000
2-Hexanone	ND		50000	1600	ug/L			10/29/14 16:56	10000
Methylene Chloride	ND		10000	1300	ug/L			10/29/14 16:56	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			10/29/14 16:56	10000
Styrene	ND		10000	970	ug/L			10/29/14 16:56	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			10/29/14 16:56	10000
Tetrachloroethene	ND		10000	1500	ug/L			10/29/14 16:56	10000
Toluene	ND		10000	1500	ug/L			10/29/14 16:56	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			10/29/14 16:56	10000
trans-1,3-Dichloropropene	ND		10000	1500	ug/L			10/29/14 16:56	10000
1,1,1-Trichloroethane	ND		10000	2900	ug/L			10/29/14 16:56	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			10/29/14 16:56	10000
Trichloroethene	ND		10000	1400	ug/L			10/29/14 16:56	10000
Vinyl chloride	68000		10000	2300	ug/L			10/29/14 16:56	10000
Xylenes, Total	ND		30000	4900	ug/L			10/29/14 16:56	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 118		10/29/14 16:56	10000
Dibromofluoromethane (Surr)	101		70 - 128		10/29/14 16:56	10000
1,2-Dichloroethane-d4 (Surr)	101		64 - 135		10/29/14 16:56	10000
Toluene-d8 (Surr)	98		71 - 118		10/29/14 16:56	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: MW14

Date Collected: 10/16/14 08:00

Date Received: 10/17/14 09:00

Lab Sample ID: 180-37837-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			10/29/14 17:21	500
Benzene	ND		500	53	ug/L			10/29/14 17:21	500
Bromoform	ND		500	96	ug/L			10/29/14 17:21	500
Bromomethane	ND		500	160	ug/L			10/29/14 17:21	500
2-Butanone	ND		2500	270	ug/L			10/29/14 17:21	500
Carbon disulfide	ND		500	110	ug/L			10/29/14 17:21	500
Carbon tetrachloride	ND		500	68	ug/L			10/29/14 17:21	500
Chlorobenzene	ND		500	68	ug/L			10/29/14 17:21	500
Chlorodibromomethane	ND		500	68	ug/L			10/29/14 17:21	500
Chloroethane	ND		500	110	ug/L			10/29/14 17:21	500
Chloroform	ND		500	85	ug/L			10/29/14 17:21	500
Chloromethane	ND		500	140	ug/L			10/29/14 17:21	500
cis-1,2-Dichloroethene	7400		500	120	ug/L			10/29/14 17:21	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			10/29/14 17:21	500
Dichlorobromomethane	ND		500	65	ug/L			10/29/14 17:21	500
1,1-Dichloroethane	ND		500	58	ug/L			10/29/14 17:21	500
1,2-Dichloroethane	ND		500	110	ug/L			10/29/14 17:21	500
1,1-Dichloroethene	ND		500	150	ug/L			10/29/14 17:21	500
1,2-Dichloropropane	ND		500	47	ug/L			10/29/14 17:21	500
Ethylbenzene	ND		500	110	ug/L			10/29/14 17:21	500
2-Hexanone	ND		2500	80	ug/L			10/29/14 17:21	500
Methylene Chloride	ND		500	63	ug/L			10/29/14 17:21	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			10/29/14 17:21	500
Styrene	ND		500	48	ug/L			10/29/14 17:21	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			10/29/14 17:21	500
Tetrachloroethene	ND		500	74	ug/L			10/29/14 17:21	500
Toluene	ND		500	75	ug/L			10/29/14 17:21	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			10/29/14 17:21	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			10/29/14 17:21	500
1,1,1-Trichloroethane	ND		500	140	ug/L			10/29/14 17:21	500
1,1,2-Trichloroethane	ND		500	100	ug/L			10/29/14 17:21	500
Trichloroethene	4400		500	72	ug/L			10/29/14 17:21	500
Vinyl chloride	ND		500	110	ug/L			10/29/14 17:21	500
Xylenes, Total	ND		1500	240	ug/L			10/29/14 17:21	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 118		10/29/14 17:21	500
Dibromofluoromethane (Surr)	102		70 - 128		10/29/14 17:21	500
1,2-Dichloroethane-d4 (Surr)	104		64 - 135		10/29/14 17:21	500
Toluene-d8 (Surr)	100		71 - 118		10/29/14 17:21	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: INFLUENT

Lab Sample ID: 180-37837-3

Date Collected: 10/16/14 09:45

Matrix: Water

Date Received: 10/17/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			10/29/14 17:45	500
Benzene	ND		500	53	ug/L			10/29/14 17:45	500
Bromoform	ND		500	96	ug/L			10/29/14 17:45	500
Bromomethane	ND		500	160	ug/L			10/29/14 17:45	500
2-Butanone	ND		2500	270	ug/L			10/29/14 17:45	500
Carbon disulfide	ND		500	110	ug/L			10/29/14 17:45	500
Carbon tetrachloride	ND		500	68	ug/L			10/29/14 17:45	500
Chlorobenzene	ND		500	68	ug/L			10/29/14 17:45	500
Chlorodibromomethane	ND		500	68	ug/L			10/29/14 17:45	500
Chloroethane	ND		500	110	ug/L			10/29/14 17:45	500
Chloroform	ND		500	85	ug/L			10/29/14 17:45	500
Chloromethane	ND		500	140	ug/L			10/29/14 17:45	500
cis-1,2-Dichloroethene	120000	E	500	120	ug/L			10/29/14 17:45	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			10/29/14 17:45	500
Dichlorobromomethane	ND		500	65	ug/L			10/29/14 17:45	500
1,1-Dichloroethane	ND		500	58	ug/L			10/29/14 17:45	500
1,2-Dichloroethane	ND		500	110	ug/L			10/29/14 17:45	500
1,1-Dichloroethene	250	J	500	150	ug/L			10/29/14 17:45	500
1,2-Dichloropropane	ND		500	47	ug/L			10/29/14 17:45	500
Ethylbenzene	ND		500	110	ug/L			10/29/14 17:45	500
2-Hexanone	ND		2500	80	ug/L			10/29/14 17:45	500
Methylene Chloride	ND		500	63	ug/L			10/29/14 17:45	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			10/29/14 17:45	500
Styrene	ND		500	48	ug/L			10/29/14 17:45	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			10/29/14 17:45	500
Tetrachloroethene	ND		500	74	ug/L			10/29/14 17:45	500
Toluene	ND		500	75	ug/L			10/29/14 17:45	500
trans-1,2-Dichloroethene	190	J	500	85	ug/L			10/29/14 17:45	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			10/29/14 17:45	500
1,1,1-Trichloroethane	ND		500	140	ug/L			10/29/14 17:45	500
1,1,2-Trichloroethane	ND		500	100	ug/L			10/29/14 17:45	500
Trichloroethene	930		500	72	ug/L			10/29/14 17:45	500
Vinyl chloride	29000	E	500	110	ug/L			10/29/14 17:45	500
Xylenes, Total	ND		1500	240	ug/L			10/29/14 17:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 118		10/29/14 17:45	500
Dibromofluoromethane (Surr)	100		70 - 128		10/29/14 17:45	500
1,2-Dichloroethane-d4 (Surr)	100		64 - 135		10/29/14 17:45	500
Toluene-d8 (Surr)	102		71 - 118		10/29/14 17:45	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			10/30/14 14:53	10000
Benzene	ND		10000	1100	ug/L			10/30/14 14:53	10000
Bromoform	ND		10000	1900	ug/L			10/30/14 14:53	10000
Bromomethane	ND		10000	3100	ug/L			10/30/14 14:53	10000
2-Butanone	ND		50000	5500	ug/L			10/30/14 14:53	10000
Carbon disulfide	ND		10000	2100	ug/L			10/30/14 14:53	10000
Carbon tetrachloride	ND		10000	1400	ug/L			10/30/14 14:53	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: INFLUENT

Lab Sample ID: 180-37837-3

Date Collected: 10/16/14 09:45

Matrix: Water

Date Received: 10/17/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			10/30/14 14:53	10000
Chlorodibromomethane	ND		10000	1400	ug/L			10/30/14 14:53	10000
Chloroethane	ND		10000	2100	ug/L			10/30/14 14:53	10000
Chloroform	ND		10000	1700	ug/L			10/30/14 14:53	10000
Chloromethane	ND		10000	2800	ug/L			10/30/14 14:53	10000
cis-1,2-Dichloroethene	170000		10000	2400	ug/L			10/30/14 14:53	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			10/30/14 14:53	10000
Dichlorobromomethane	ND		10000	1300	ug/L			10/30/14 14:53	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			10/30/14 14:53	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			10/30/14 14:53	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			10/30/14 14:53	10000
1,2-Dichloropropane	ND		10000	950	ug/L			10/30/14 14:53	10000
Ethylbenzene	ND		10000	2300	ug/L			10/30/14 14:53	10000
2-Hexanone	ND		50000	1600	ug/L			10/30/14 14:53	10000
Methylene Chloride	ND		10000	1300	ug/L			10/30/14 14:53	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			10/30/14 14:53	10000
Styrene	ND		10000	970	ug/L			10/30/14 14:53	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			10/30/14 14:53	10000
Tetrachloroethene	ND		10000	1500	ug/L			10/30/14 14:53	10000
Toluene	ND		10000	1500	ug/L			10/30/14 14:53	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			10/30/14 14:53	10000
trans-1,3-Dichloropropene	ND		10000	1500	ug/L			10/30/14 14:53	10000
1,1,1-Trichloroethane	ND		10000	2900	ug/L			10/30/14 14:53	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			10/30/14 14:53	10000
Trichloroethene	1600 J		10000	1400	ug/L			10/30/14 14:53	10000
Vinyl chloride	38000		10000	2300	ug/L			10/30/14 14:53	10000
Xylenes, Total	ND		30000	4900	ug/L			10/30/14 14:53	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 118		10/30/14 14:53	10000
Dibromofluoromethane (Surr)	98		70 - 128		10/30/14 14:53	10000
1,2-Dichloroethane-d4 (Surr)	98		64 - 135		10/30/14 14:53	10000
Toluene-d8 (Surr)	102		71 - 118		10/30/14 14:53	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-37837-4

Date Collected: 10/16/14 09:15

Matrix: Water

Date Received: 10/17/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			10/29/14 18:33	1
Benzene	ND		1.0	0.11	ug/L			10/29/14 18:33	1
Bromoform	2.9		1.0	0.19	ug/L			10/29/14 18:33	1
Bromomethane	ND		1.0	0.31	ug/L			10/29/14 18:33	1
2-Butanone	ND		5.0	0.55	ug/L			10/29/14 18:33	1
Carbon disulfide	ND		1.0	0.21	ug/L			10/29/14 18:33	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			10/29/14 18:33	1
Chlorobenzene	ND		1.0	0.14	ug/L			10/29/14 18:33	1
Chlorodibromomethane	1.7		1.0	0.14	ug/L			10/29/14 18:33	1
Chloroethane	ND		1.0	0.21	ug/L			10/29/14 18:33	1
Chloroform	ND		1.0	0.17	ug/L			10/29/14 18:33	1
Chloromethane	ND		1.0	0.28	ug/L			10/29/14 18:33	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			10/29/14 18:33	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/29/14 18:33	1
Dichlorobromomethane	0.57 J		1.0	0.13	ug/L			10/29/14 18:33	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			10/29/14 18:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/14 18:33	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/29/14 18:33	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			10/29/14 18:33	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/29/14 18:33	1
2-Hexanone	ND		5.0	0.16	ug/L			10/29/14 18:33	1
Methylene Chloride	ND		1.0	0.13	ug/L			10/29/14 18:33	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			10/29/14 18:33	1
Styrene	ND		1.0	0.097	ug/L			10/29/14 18:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			10/29/14 18:33	1
Tetrachloroethene	ND		1.0	0.15	ug/L			10/29/14 18:33	1
Toluene	ND		1.0	0.15	ug/L			10/29/14 18:33	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/29/14 18:33	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			10/29/14 18:33	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			10/29/14 18:33	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			10/29/14 18:33	1
Trichloroethene	ND		1.0	0.14	ug/L			10/29/14 18:33	1
Vinyl chloride	ND		1.0	0.23	ug/L			10/29/14 18:33	1
Xylenes, Total	ND		3.0	0.49	ug/L			10/29/14 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 118		10/29/14 18:33	1
Dibromofluoromethane (Surr)	98		70 - 128		10/29/14 18:33	1
1,2-Dichloroethane-d4 (Surr)	99		64 - 135		10/29/14 18:33	1
Toluene-d8 (Surr)	100		71 - 118		10/29/14 18:33	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		10/20/14 13:07	10/21/14 15:49	1
Iron	170		100	9.5	ug/L		10/20/14 13:07	10/21/14 15:49	1
Zinc	980		20	1.0	ug/L		10/20/14 13:07	10/21/14 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.5	1.6	mg/L		10/25/14 09:27	10/25/14 09:27	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-37837-4

Date Collected: 10/16/14 09:15

Matrix: Water

Date Received: 10/17/14 09:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.58	HF	0.100	0.100	SU	—		10/20/14 10:35	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-37837-5

Date Collected: 10/16/14 00:00

Matrix: Water

Date Received: 10/17/14 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			10/30/14 14:05	1
Benzene	ND		1.0	0.11	ug/L			10/30/14 14:05	1
Bromoform	ND		1.0	0.19	ug/L			10/30/14 14:05	1
Bromomethane	ND		1.0	0.31	ug/L			10/30/14 14:05	1
2-Butanone	ND		5.0	0.55	ug/L			10/30/14 14:05	1
Carbon disulfide	ND		1.0	0.21	ug/L			10/30/14 14:05	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			10/30/14 14:05	1
Chlorobenzene	ND		1.0	0.14	ug/L			10/30/14 14:05	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			10/30/14 14:05	1
Chloroethane	ND		1.0	0.21	ug/L			10/30/14 14:05	1
Chloroform	ND		1.0	0.17	ug/L			10/30/14 14:05	1
Chloromethane	ND		1.0	0.28	ug/L			10/30/14 14:05	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			10/30/14 14:05	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/30/14 14:05	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			10/30/14 14:05	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			10/30/14 14:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/14 14:05	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/30/14 14:05	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			10/30/14 14:05	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 14:05	1
2-Hexanone	ND		5.0	0.16	ug/L			10/30/14 14:05	1
Methylene Chloride	ND		1.0	0.13	ug/L			10/30/14 14:05	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			10/30/14 14:05	1
Styrene	ND		1.0	0.097	ug/L			10/30/14 14:05	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			10/30/14 14:05	1
Tetrachloroethene	ND		1.0	0.15	ug/L			10/30/14 14:05	1
Toluene	ND		1.0	0.15	ug/L			10/30/14 14:05	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/30/14 14:05	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			10/30/14 14:05	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			10/30/14 14:05	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			10/30/14 14:05	1
Trichloroethene	ND		1.0	0.14	ug/L			10/30/14 14:05	1
Vinyl chloride	ND		1.0	0.23	ug/L			10/30/14 14:05	1
Xylenes, Total	ND		3.0	0.49	ug/L			10/30/14 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 118		10/30/14 14:05	1
Dibromofluoromethane (Surr)	98		70 - 128		10/30/14 14:05	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 135		10/30/14 14:05	1
Toluene-d8 (Surr)	102		71 - 118		10/30/14 14:05	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

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

Lab Sample ID: MB 180-123147/4

Matrix: Water

Analysis Batch: 123147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			10/29/14 11:01	1
Benzene	ND		1.0	0.11	ug/L			10/29/14 11:01	1
Bromoform	ND		1.0	0.19	ug/L			10/29/14 11:01	1
Bromomethane	ND		1.0	0.31	ug/L			10/29/14 11:01	1
2-Butanone	ND		5.0	0.55	ug/L			10/29/14 11:01	1
Carbon disulfide	ND		1.0	0.21	ug/L			10/29/14 11:01	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			10/29/14 11:01	1
Chlorobenzene	ND		1.0	0.14	ug/L			10/29/14 11:01	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			10/29/14 11:01	1
Chloroethane	ND		1.0	0.21	ug/L			10/29/14 11:01	1
Chloroform	ND		1.0	0.17	ug/L			10/29/14 11:01	1
Chloromethane	ND		1.0	0.28	ug/L			10/29/14 11:01	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			10/29/14 11:01	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/29/14 11:01	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			10/29/14 11:01	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			10/29/14 11:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/14 11:01	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/29/14 11:01	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			10/29/14 11:01	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/29/14 11:01	1
2-Hexanone	ND		5.0	0.16	ug/L			10/29/14 11:01	1
Methylene Chloride	ND		1.0	0.13	ug/L			10/29/14 11:01	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			10/29/14 11:01	1
Styrene	ND		1.0	0.097	ug/L			10/29/14 11:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			10/29/14 11:01	1
Tetrachloroethene	ND		1.0	0.15	ug/L			10/29/14 11:01	1
Toluene	ND		1.0	0.15	ug/L			10/29/14 11:01	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/29/14 11:01	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			10/29/14 11:01	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			10/29/14 11:01	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			10/29/14 11:01	1
Trichloroethene	ND		1.0	0.14	ug/L			10/29/14 11:01	1
Vinyl chloride	ND		1.0	0.23	ug/L			10/29/14 11:01	1
Xylenes, Total	ND		3.0	0.49	ug/L			10/29/14 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 118		10/29/14 11:01	1
Dibromofluoromethane (Surr)	100		70 - 128		10/29/14 11:01	1
1,2-Dichloroethane-d4 (Surr)	99		64 - 135		10/29/14 11:01	1
Toluene-d8 (Surr)	100		71 - 118		10/29/14 11:01	1

Lab Sample ID: LCS 180-123147/7

Matrix: Water

Analysis Batch: 123147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	15.6		ug/L		78	22 - 150
Benzene	10.0	10.1		ug/L		101	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

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

Lab Sample ID: LCS 180-123147/7

Matrix: Water

Analysis Batch: 123147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	9.47		ug/L		95	46 - 150
Bromomethane	10.0	10.7		ug/L		107	33 - 150
2-Butanone	20.0	16.6		ug/L		83	39 - 138
Carbon disulfide	10.0	9.86		ug/L		99	54 - 132
Carbon tetrachloride	10.0	10.3		ug/L		103	55 - 150
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120
Chlorodibromomethane	10.0	9.81		ug/L		98	60 - 140
Chloroethane	10.0	10.6		ug/L		106	36 - 142
Chloroform	10.0	10.2		ug/L		102	72 - 127
Chloromethane	10.0	10.4		ug/L		104	50 - 139
cis-1,2-Dichloroethene	10.0	9.98		ug/L		100	70 - 120
cis-1,3-Dichloropropene	10.0	9.08		ug/L		91	66 - 120
Dichlorobromomethane	10.0	9.69		ug/L		97	66 - 130
1,1-Dichloroethane	10.0	10.3		ug/L		103	73 - 126
1,2-Dichloroethane	10.0	9.69		ug/L		97	68 - 132
1,1-Dichloroethene	10.0	9.72		ug/L		97	65 - 136
1,2-Dichloropropane	10.0	9.98		ug/L		100	76 - 124
Ethylbenzene	10.0	10.1		ug/L		101	72 - 126
2-Hexanone	20.0	16.2		ug/L		81	25 - 132
Methylene Chloride	10.0	9.77		ug/L		98	63 - 129
4-Methyl-2-pentanone	20.0	18.0		ug/L		90	45 - 145
Styrene	10.0	9.83		ug/L		98	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.60		ug/L		96	62 - 125
Tetrachloroethene	10.0	10.5		ug/L		105	70 - 135
Toluene	10.0	10.5		ug/L		105	80 - 123
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	73 - 126
trans-1,3-Dichloropropene	10.0	9.94		ug/L		99	65 - 125
1,1,1-Trichloroethane	10.0	9.58		ug/L		96	63 - 133
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	77 - 127
Trichloroethene	10.0	10.1		ug/L		101	73 - 120
Vinyl chloride	10.0	10.8		ug/L		108	53 - 138
Xylenes, Total	20.0	20.2		ug/L		101	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 118
Dibromofluoromethane (Surr)	97		70 - 128
1,2-Dichloroethane-d4 (Surr)	96		64 - 135
Toluene-d8 (Surr)	105		71 - 118

Lab Sample ID: MB 180-123301/4

Matrix: Water

Analysis Batch: 123301

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			10/30/14 11:01	1
Benzene	ND		1.0	0.11	ug/L			10/30/14 11:01	1
Bromoform	ND		1.0	0.19	ug/L			10/30/14 11:01	1
Bromomethane	ND		1.0	0.31	ug/L			10/30/14 11:01	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

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

Lab Sample ID: MB 180-123301/4

Matrix: Water

Analysis Batch: 123301

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			10/30/14 11:01	1
Carbon disulfide	ND		1.0	0.21	ug/L			10/30/14 11:01	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			10/30/14 11:01	1
Chlorobenzene	ND		1.0	0.14	ug/L			10/30/14 11:01	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			10/30/14 11:01	1
Chloroethane	ND		1.0	0.21	ug/L			10/30/14 11:01	1
Chloroform	ND		1.0	0.17	ug/L			10/30/14 11:01	1
Chloromethane	ND		1.0	0.28	ug/L			10/30/14 11:01	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			10/30/14 11:01	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/30/14 11:01	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			10/30/14 11:01	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			10/30/14 11:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/14 11:01	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/30/14 11:01	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			10/30/14 11:01	1
Ethylbenzene	ND		1.0	0.23	ug/L			10/30/14 11:01	1
2-Hexanone	ND		5.0	0.16	ug/L			10/30/14 11:01	1
Methylene Chloride	ND		1.0	0.13	ug/L			10/30/14 11:01	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			10/30/14 11:01	1
Styrene	ND		1.0	0.097	ug/L			10/30/14 11:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			10/30/14 11:01	1
Tetrachloroethene	ND		1.0	0.15	ug/L			10/30/14 11:01	1
Toluene	ND		1.0	0.15	ug/L			10/30/14 11:01	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/30/14 11:01	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			10/30/14 11:01	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			10/30/14 11:01	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			10/30/14 11:01	1
Trichloroethene	ND		1.0	0.14	ug/L			10/30/14 11:01	1
Vinyl chloride	ND		1.0	0.23	ug/L			10/30/14 11:01	1
Xylenes, Total	ND		3.0	0.49	ug/L			10/30/14 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 118		10/30/14 11:01	1
Dibromofluoromethane (Surr)	99		70 - 128		10/30/14 11:01	1
1,2-Dichloroethane-d4 (Surr)	98		64 - 135		10/30/14 11:01	1
Toluene-d8 (Surr)	100		71 - 118		10/30/14 11:01	1

Lab Sample ID: LCS 180-123301/7

Matrix: Water

Analysis Batch: 123301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.3		ug/L		92	22 - 150
Benzene	10.0	9.33		ug/L		93	80 - 120
Bromoform	10.0	9.38		ug/L		94	46 - 150
Bromomethane	10.0	8.94		ug/L		89	33 - 150
2-Butanone	20.0	19.3		ug/L		97	39 - 138
Carbon disulfide	10.0	8.79		ug/L		88	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

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

Lab Sample ID: LCS 180-123301/7

Matrix: Water

Analysis Batch: 123301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	9.26		ug/L		93	55 - 150
Chlorobenzene	10.0	9.44		ug/L		94	80 - 120
Chlorodibromomethane	10.0	9.42		ug/L		94	60 - 140
Chloroethane	10.0	9.21		ug/L		92	36 - 142
Chloroform	10.0	9.05		ug/L		91	72 - 127
Chloromethane	10.0	9.47		ug/L		95	50 - 139
cis-1,2-Dichloroethene	10.0	9.27		ug/L		93	70 - 120
cis-1,3-Dichloropropene	10.0	8.83		ug/L		88	66 - 120
Dichlorobromomethane	10.0	8.93		ug/L		89	66 - 130
1,1-Dichloroethane	10.0	9.44		ug/L		94	73 - 126
1,2-Dichloroethane	10.0	8.77		ug/L		88	68 - 132
1,1-Dichloroethene	10.0	8.66		ug/L		87	65 - 136
1,2-Dichloropropane	10.0	9.14		ug/L		91	76 - 124
Ethylbenzene	10.0	9.45		ug/L		95	72 - 126
2-Hexanone	20.0	16.6		ug/L		83	25 - 132
Methylene Chloride	10.0	8.51		ug/L		85	63 - 129
4-Methyl-2-pentanone	20.0	18.4		ug/L		92	45 - 145
Styrene	10.0	9.40		ug/L		94	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.42		ug/L		94	62 - 125
Tetrachloroethene	10.0	9.64		ug/L		96	70 - 135
Toluene	10.0	9.50		ug/L		95	80 - 123
trans-1,2-Dichloroethene	10.0	9.51		ug/L		95	73 - 126
trans-1,3-Dichloropropene	10.0	9.07		ug/L		91	65 - 125
1,1,1-Trichloroethane	10.0	8.62		ug/L		86	63 - 133
1,1,2-Trichloroethane	10.0	9.65		ug/L		96	77 - 127
Trichloroethene	10.0	9.63		ug/L		96	73 - 120
Vinyl chloride	10.0	9.80		ug/L		98	53 - 138
Xylenes, Total	20.0	19.2		ug/L		96	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 118
Dibromofluoromethane (Surr)	93		70 - 128
1,2-Dichloroethane-d4 (Surr)	92		64 - 135
Toluene-d8 (Surr)	99		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-122060/1-A

Matrix: Water

Analysis Batch: 122284

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 122060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19.4	J	200	16	ug/L		10/20/14 13:07	10/21/14 14:42	1
Iron	ND		100	9.5	ug/L		10/20/14 13:07	10/21/14 14:42	1
Zinc	ND		20	1.0	ug/L		10/20/14 13:07	10/21/14 14:42	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-122060/2-A

Matrix: Water

Analysis Batch: 122284

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 122060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2100		ug/L		105	85 - 115
Iron	1000	1030		ug/L		103	85 - 115
Zinc	500	522		ug/L		104	85 - 115

Lab Sample ID: LCSD 180-122060/3-A

Matrix: Water

Analysis Batch: 122284

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 122060

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	2000	2040		ug/L		102	85 - 115	3	20
Iron	1000	997		ug/L		100	85 - 115	3	20
Zinc	500	514		ug/L		103	85 - 115	2	20

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-122702/1-A

Matrix: Water

Analysis Batch: 122723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 122702

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		10/25/14 09:27	10/25/14 09:27	1

Lab Sample ID: LCS 180-122702/2-A

Matrix: Water

Analysis Batch: 122723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 122702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	35.5		mg/L		89	78 - 114

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-122011/1

Matrix: Water

Analysis Batch: 122011

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.050		SU		101	99 - 101

Lab Sample ID: 180-37837-4 DU

Matrix: Water

Analysis Batch: 122011

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.58	HF	7.620		SU		0.5	2

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-37837-1

GC/MS VOA

Analysis Batch: 123147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-1 - DL	MW2	Total/NA	Water	8260C	
180-37837-2	MW14	Total/NA	Water	8260C	
180-37837-3	INFLUENT	Total/NA	Water	8260C	
180-37837-4	EFFLUENT	Total/NA	Water	8260C	
LCS 180-123147/7	Lab Control Sample	Total/NA	Water	8260C	
MB 180-123147/4	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 123301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-1	MW2	Total/NA	Water	8260C	
180-37837-3 - DL	INFLUENT	Total/NA	Water	8260C	
180-37837-5	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-123301/7	Lab Control Sample	Total/NA	Water	8260C	
MB 180-123301/4	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 122060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-4	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-122060/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 180-122060/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
MB 180-122060/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 122284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-4	EFFLUENT	Total Recoverable	Water	200.7	122060
LCS 180-122060/2-A	Lab Control Sample	Total Recoverable	Water	200.7	122060
LCSD 180-122060/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	122060
MB 180-122060/1-A	Method Blank	Total Recoverable	Water	200.7	122060

General Chemistry

Analysis Batch: 122011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-4	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
180-37837-4 DU	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-122011/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 122702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-4	EFFLUENT	Total/NA	Water	1664B	
LCS 180-122702/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 180-122702/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 122723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-37837-4	EFFLUENT	Total/NA	Water	1664B	122702
LCS 180-122702/2-A	Lab Control Sample	Total/NA	Water	1664B	122702
MB 180-122702/1-A	Method Blank	Total/NA	Water	1664B	122702

TestAmerica Pittsburgh

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-37837-1

Login Number: 37837

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (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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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-39000-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

12/2/2014 8:53:27 AM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Definitions/Glossary 4

Certification Summary 5

Sample Summary 6

Method Summary 7

Lab Chronicle 8

Client Sample Results 10

QC Sample Results 17

QC Association Summary 22

Chain of Custody 23

Receipt Checklists 24



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Job ID: 180-39000-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-39000-1

Receipt

The samples were received on 11/18/2014 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-39000-1) and MW14 (180-39000-2). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-39000-1	MW2	Water	11/17/14 07:00	11/18/14 09:40
180-39000-2	MW14	Water	11/17/14 08:00	11/18/14 09:40
180-39000-3	EFFLUENT	Water	11/17/14 09:30	11/18/14 09:40
180-39000-4	TRIP BLANK	Water	11/17/14 00:00	11/18/14 09:40

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: MW2

Date Collected: 11/17/14 07:00

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	126398	11/25/14 16:51	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	8260C		1000	5 mL	5 mL	126520	11/26/14 13:33	PJJ	TAL PIT
		Instrument ID: CHHP5								

Client Sample ID: MW14

Date Collected: 11/17/14 08:00

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	500	5 mL	5 mL	126398	11/25/14 17:15	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	8260C		50	5 mL	5 mL	126520	11/26/14 14:21	PJJ	TAL PIT
		Instrument ID: CHHP5								

Client Sample ID: EFFLUENT

Date Collected: 11/17/14 09:30

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	126398	11/25/14 18:04	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	125608	11/19/14 05:52	SLB	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	125748	11/19/14 17:41	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	1664B		1	900 mL	1000 mL	126598	11/26/14 11:59	NAK	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Prep	1664B			900 mL	1000 mL	126560	11/26/14 11:59	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	125673	11/19/14 12:09	AB1	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: TRIP BLANK

Date Collected: 11/17/14 00:00

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	126398	11/25/14 17:40	PJJ	TAL PIT
		Instrument ID: CHHP5								

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Analyst References:

- Lab: TAL PIT
- Batch Type: Prep
- NAK = Neil Klingman
 - SLB = Sandy Becker
- Batch Type: Analysis
- AB1 = Ashwin Baikadi
 - NAK = Neil Klingman
 - PJJ = Patrick Journet
 - RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: MW2

Date Collected: 11/17/14 07:00

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2500	ug/L			11/26/14 13:33	1000
Benzene	ND		1000	110	ug/L			11/26/14 13:33	1000
Bromoform	ND		1000	190	ug/L			11/26/14 13:33	1000
Bromomethane	ND		1000	310	ug/L			11/26/14 13:33	1000
2-Butanone	ND		5000	550	ug/L			11/26/14 13:33	1000
Carbon disulfide	ND		1000	210	ug/L			11/26/14 13:33	1000
Carbon tetrachloride	ND		1000	140	ug/L			11/26/14 13:33	1000
Chlorobenzene	ND		1000	140	ug/L			11/26/14 13:33	1000
Chlorodibromomethane	ND		1000	140	ug/L			11/26/14 13:33	1000
Chloroethane	ND		1000	210	ug/L			11/26/14 13:33	1000
Chloroform	ND		1000	170	ug/L			11/26/14 13:33	1000
Chloromethane	ND		1000	280	ug/L			11/26/14 13:33	1000
cis-1,2-Dichloroethene	140000	E	1000	240	ug/L			11/26/14 13:33	1000
cis-1,3-Dichloropropene	ND		1000	190	ug/L			11/26/14 13:33	1000
Dichlorobromomethane	ND		1000	130	ug/L			11/26/14 13:33	1000
1,1-Dichloroethane	ND		1000	120	ug/L			11/26/14 13:33	1000
1,2-Dichloroethane	ND		1000	210	ug/L			11/26/14 13:33	1000
1,1-Dichloroethene	ND		1000	300	ug/L			11/26/14 13:33	1000
1,2-Dichloropropane	ND		1000	95	ug/L			11/26/14 13:33	1000
Ethylbenzene	ND		1000	230	ug/L			11/26/14 13:33	1000
2-Hexanone	ND		5000	160	ug/L			11/26/14 13:33	1000
Methylene Chloride	ND		1000	130	ug/L			11/26/14 13:33	1000
4-Methyl-2-pentanone	ND		5000	530	ug/L			11/26/14 13:33	1000
Styrene	ND		1000	97	ug/L			11/26/14 13:33	1000
1,1,2,2-Tetrachloroethane	ND		1000	200	ug/L			11/26/14 13:33	1000
Tetrachloroethene	ND		1000	150	ug/L			11/26/14 13:33	1000
Toluene	ND		1000	150	ug/L			11/26/14 13:33	1000
trans-1,2-Dichloroethene	230	J	1000	170	ug/L			11/26/14 13:33	1000
trans-1,3-Dichloropropene	ND		1000	150	ug/L			11/26/14 13:33	1000
1,1,1-Trichloroethane	ND		1000	290	ug/L			11/26/14 13:33	1000
1,1,2-Trichloroethane	ND		1000	200	ug/L			11/26/14 13:33	1000
Trichloroethene	490	J	1000	140	ug/L			11/26/14 13:33	1000
Vinyl chloride	29000		1000	230	ug/L			11/26/14 13:33	1000
Xylenes, Total	ND		3000	490	ug/L			11/26/14 13:33	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 118		11/26/14 13:33	1000
Dibromofluoromethane (Surr)	106		70 - 128		11/26/14 13:33	1000
1,2-Dichloroethane-d4 (Surr)	101		64 - 135		11/26/14 13:33	1000
Toluene-d8 (Surr)	104		71 - 118		11/26/14 13:33	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			11/25/14 16:51	10000
Benzene	ND		10000	1100	ug/L			11/25/14 16:51	10000
Bromoform	ND		10000	1900	ug/L			11/25/14 16:51	10000
Bromomethane	ND		10000	3100	ug/L			11/25/14 16:51	10000
2-Butanone	ND		50000	5500	ug/L			11/25/14 16:51	10000
Carbon disulfide	ND		10000	2100	ug/L			11/25/14 16:51	10000
Carbon tetrachloride	ND		10000	1400	ug/L			11/25/14 16:51	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: MW2

Lab Sample ID: 180-39000-1

Date Collected: 11/17/14 07:00

Matrix: Water

Date Received: 11/18/14 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			11/25/14 16:51	10000
Chlorodibromomethane	ND		10000	1400	ug/L			11/25/14 16:51	10000
Chloroethane	ND		10000	2100	ug/L			11/25/14 16:51	10000
Chloroform	ND		10000	1700	ug/L			11/25/14 16:51	10000
Chloromethane	ND		10000	2800	ug/L			11/25/14 16:51	10000
cis-1,2-Dichloroethene	180000		10000	2400	ug/L			11/25/14 16:51	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			11/25/14 16:51	10000
Dichlorobromomethane	ND		10000	1300	ug/L			11/25/14 16:51	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			11/25/14 16:51	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			11/25/14 16:51	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			11/25/14 16:51	10000
1,2-Dichloropropane	ND		10000	950	ug/L			11/25/14 16:51	10000
Ethylbenzene	ND		10000	2300	ug/L			11/25/14 16:51	10000
2-Hexanone	ND		50000	1600	ug/L			11/25/14 16:51	10000
Methylene Chloride	ND		10000	1300	ug/L			11/25/14 16:51	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			11/25/14 16:51	10000
Styrene	ND		10000	970	ug/L			11/25/14 16:51	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			11/25/14 16:51	10000
Tetrachloroethene	ND		10000	1500	ug/L			11/25/14 16:51	10000
Toluene	ND		10000	1500	ug/L			11/25/14 16:51	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			11/25/14 16:51	10000
trans-1,3-Dichloropropene	ND		10000	1500	ug/L			11/25/14 16:51	10000
1,1,1-Trichloroethane	ND		10000	2900	ug/L			11/25/14 16:51	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			11/25/14 16:51	10000
Trichloroethene	ND		10000	1400	ug/L			11/25/14 16:51	10000
Vinyl chloride	38000		10000	2300	ug/L			11/25/14 16:51	10000
Xylenes, Total	ND		30000	4900	ug/L			11/25/14 16:51	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		11/25/14 16:51	10000
Dibromofluoromethane (Surr)	104		70 - 128		11/25/14 16:51	10000
1,2-Dichloroethane-d4 (Surr)	103		64 - 135		11/25/14 16:51	10000
Toluene-d8 (Surr)	102		71 - 118		11/25/14 16:51	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: MW14

Date Collected: 11/17/14 08:00

Date Received: 11/18/14 09:40

Lab Sample ID: 180-39000-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		250	130	ug/L			11/26/14 14:21	50
Benzene	ND		50	5.3	ug/L			11/26/14 14:21	50
Bromoform	ND		50	9.6	ug/L			11/26/14 14:21	50
Bromomethane	ND		50	16	ug/L			11/26/14 14:21	50
2-Butanone	ND		250	27	ug/L			11/26/14 14:21	50
Carbon disulfide	ND		50	11	ug/L			11/26/14 14:21	50
Carbon tetrachloride	ND		50	6.8	ug/L			11/26/14 14:21	50
Chlorobenzene	ND		50	6.8	ug/L			11/26/14 14:21	50
Chlorodibromomethane	ND		50	6.8	ug/L			11/26/14 14:21	50
Chloroethane	ND		50	11	ug/L			11/26/14 14:21	50
Chloroform	ND		50	8.5	ug/L			11/26/14 14:21	50
Chloromethane	ND		50	14	ug/L			11/26/14 14:21	50
cis-1,2-Dichloroethene	3700	E	50	12	ug/L			11/26/14 14:21	50
cis-1,3-Dichloropropene	ND		50	9.3	ug/L			11/26/14 14:21	50
Dichlorobromomethane	ND		50	6.5	ug/L			11/26/14 14:21	50
1,1-Dichloroethane	ND		50	5.8	ug/L			11/26/14 14:21	50
1,2-Dichloroethane	ND		50	11	ug/L			11/26/14 14:21	50
1,1-Dichloroethene	ND		50	15	ug/L			11/26/14 14:21	50
1,2-Dichloropropane	ND		50	4.7	ug/L			11/26/14 14:21	50
Ethylbenzene	ND		50	11	ug/L			11/26/14 14:21	50
2-Hexanone	ND		250	8.0	ug/L			11/26/14 14:21	50
Methylene Chloride	ND		50	6.3	ug/L			11/26/14 14:21	50
4-Methyl-2-pentanone	ND		250	26	ug/L			11/26/14 14:21	50
Styrene	ND		50	4.8	ug/L			11/26/14 14:21	50
1,1,2,2-Tetrachloroethane	ND		50	10	ug/L			11/26/14 14:21	50
Tetrachloroethene	ND		50	7.4	ug/L			11/26/14 14:21	50
Toluene	ND		50	7.5	ug/L			11/26/14 14:21	50
trans-1,2-Dichloroethene	ND		50	8.5	ug/L			11/26/14 14:21	50
trans-1,3-Dichloropropene	ND		50	7.4	ug/L			11/26/14 14:21	50
1,1,1-Trichloroethane	ND		50	14	ug/L			11/26/14 14:21	50
1,1,2-Trichloroethane	ND		50	10	ug/L			11/26/14 14:21	50
Trichloroethene	12000	E	50	7.2	ug/L			11/26/14 14:21	50
Vinyl chloride	31	J	50	11	ug/L			11/26/14 14:21	50
Xylenes, Total	ND		150	24	ug/L			11/26/14 14:21	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 118		11/26/14 14:21	50
Dibromofluoromethane (Surr)	103		70 - 128		11/26/14 14:21	50
1,2-Dichloroethane-d4 (Surr)	98		64 - 135		11/26/14 14:21	50
Toluene-d8 (Surr)	103		71 - 118		11/26/14 14:21	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			11/25/14 17:15	500
Benzene	ND		500	53	ug/L			11/25/14 17:15	500
Bromoform	ND		500	96	ug/L			11/25/14 17:15	500
Bromomethane	ND		500	160	ug/L			11/25/14 17:15	500
2-Butanone	ND		2500	270	ug/L			11/25/14 17:15	500
Carbon disulfide	ND		500	110	ug/L			11/25/14 17:15	500
Carbon tetrachloride	ND		500	68	ug/L			11/25/14 17:15	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: MW14

Lab Sample ID: 180-39000-2

Date Collected: 11/17/14 08:00

Matrix: Water

Date Received: 11/18/14 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		500	68	ug/L			11/25/14 17:15	500
Chlorodibromomethane	ND		500	68	ug/L			11/25/14 17:15	500
Chloroethane	ND		500	110	ug/L			11/25/14 17:15	500
Chloroform	ND		500	85	ug/L			11/25/14 17:15	500
Chloromethane	ND		500	140	ug/L			11/25/14 17:15	500
cis-1,2-Dichloroethene	3600		500	120	ug/L			11/25/14 17:15	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			11/25/14 17:15	500
Dichlorobromomethane	ND		500	65	ug/L			11/25/14 17:15	500
1,1-Dichloroethane	ND		500	58	ug/L			11/25/14 17:15	500
1,2-Dichloroethane	ND		500	110	ug/L			11/25/14 17:15	500
1,1-Dichloroethene	ND		500	150	ug/L			11/25/14 17:15	500
1,2-Dichloropropane	ND		500	47	ug/L			11/25/14 17:15	500
Ethylbenzene	ND		500	110	ug/L			11/25/14 17:15	500
2-Hexanone	ND		2500	80	ug/L			11/25/14 17:15	500
Methylene Chloride	ND		500	63	ug/L			11/25/14 17:15	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			11/25/14 17:15	500
Styrene	ND		500	48	ug/L			11/25/14 17:15	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			11/25/14 17:15	500
Tetrachloroethene	ND		500	74	ug/L			11/25/14 17:15	500
Toluene	ND		500	75	ug/L			11/25/14 17:15	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			11/25/14 17:15	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			11/25/14 17:15	500
1,1,1-Trichloroethane	ND		500	140	ug/L			11/25/14 17:15	500
1,1,2-Trichloroethane	ND		500	100	ug/L			11/25/14 17:15	500
Trichloroethene	12000		500	72	ug/L			11/25/14 17:15	500
Vinyl chloride	ND		500	110	ug/L			11/25/14 17:15	500
Xylenes, Total	ND		1500	240	ug/L			11/25/14 17:15	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 118		11/25/14 17:15	500
Dibromofluoromethane (Surr)	107		70 - 128		11/25/14 17:15	500
1,2-Dichloroethane-d4 (Surr)	107		64 - 135		11/25/14 17:15	500
Toluene-d8 (Surr)	106		71 - 118		11/25/14 17:15	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-39000-3

Date Collected: 11/17/14 09:30

Matrix: Water

Date Received: 11/18/14 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			11/25/14 18:04	1
Benzene	ND		1.0	0.11	ug/L			11/25/14 18:04	1
Bromoform	2.1		1.0	0.19	ug/L			11/25/14 18:04	1
Bromomethane	ND		1.0	0.31	ug/L			11/25/14 18:04	1
2-Butanone	ND		5.0	0.55	ug/L			11/25/14 18:04	1
Carbon disulfide	ND		1.0	0.21	ug/L			11/25/14 18:04	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			11/25/14 18:04	1
Chlorobenzene	ND		1.0	0.14	ug/L			11/25/14 18:04	1
Chlorodibromomethane	1.4		1.0	0.14	ug/L			11/25/14 18:04	1
Chloroethane	ND		1.0	0.21	ug/L			11/25/14 18:04	1
Chloroform	0.25	J	1.0	0.17	ug/L			11/25/14 18:04	1
Chloromethane	ND		1.0	0.28	ug/L			11/25/14 18:04	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			11/25/14 18:04	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/25/14 18:04	1
Dichlorobromomethane	0.59	J	1.0	0.13	ug/L			11/25/14 18:04	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			11/25/14 18:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/25/14 18:04	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/25/14 18:04	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			11/25/14 18:04	1
Ethylbenzene	ND		1.0	0.23	ug/L			11/25/14 18:04	1
2-Hexanone	ND		5.0	0.16	ug/L			11/25/14 18:04	1
Methylene Chloride	ND		1.0	0.13	ug/L			11/25/14 18:04	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			11/25/14 18:04	1
Styrene	ND		1.0	0.097	ug/L			11/25/14 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			11/25/14 18:04	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/14 18:04	1
Toluene	ND		1.0	0.15	ug/L			11/25/14 18:04	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			11/25/14 18:04	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			11/25/14 18:04	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			11/25/14 18:04	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/25/14 18:04	1
Trichloroethene	ND		1.0	0.14	ug/L			11/25/14 18:04	1
Vinyl chloride	ND		1.0	0.23	ug/L			11/25/14 18:04	1
Xylenes, Total	ND		3.0	0.49	ug/L			11/25/14 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 118		11/25/14 18:04	1
Dibromofluoromethane (Surr)	107		70 - 128		11/25/14 18:04	1
1,2-Dichloroethane-d4 (Surr)	103		64 - 135		11/25/14 18:04	1
Toluene-d8 (Surr)	105		71 - 118		11/25/14 18:04	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	27	J B	200	16	ug/L		11/19/14 05:52	11/19/14 17:41	1
Iron	670		100	9.5	ug/L		11/19/14 05:52	11/19/14 17:41	1
Zinc	1500	B	20	1.0	ug/L		11/19/14 05:52	11/19/14 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.8	J	5.6	1.7	mg/L		11/26/14 11:59	11/26/14 11:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-39000-3

Date Collected: 11/17/14 09:30

Matrix: Water

Date Received: 11/18/14 09:40

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.70	HF	0.100	0.100	SU	—		11/19/14 12:09	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-39000-4

Date Collected: 11/17/14 00:00

Matrix: Water

Date Received: 11/18/14 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.8	J	5.0	2.5	ug/L			11/25/14 17:40	1
Benzene	ND		1.0	0.11	ug/L			11/25/14 17:40	1
Bromoform	ND		1.0	0.19	ug/L			11/25/14 17:40	1
Bromomethane	ND		1.0	0.31	ug/L			11/25/14 17:40	1
2-Butanone	ND		5.0	0.55	ug/L			11/25/14 17:40	1
Carbon disulfide	ND		1.0	0.21	ug/L			11/25/14 17:40	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			11/25/14 17:40	1
Chlorobenzene	ND		1.0	0.14	ug/L			11/25/14 17:40	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			11/25/14 17:40	1
Chloroethane	ND		1.0	0.21	ug/L			11/25/14 17:40	1
Chloroform	ND		1.0	0.17	ug/L			11/25/14 17:40	1
Chloromethane	ND		1.0	0.28	ug/L			11/25/14 17:40	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			11/25/14 17:40	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/25/14 17:40	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			11/25/14 17:40	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			11/25/14 17:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/25/14 17:40	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/25/14 17:40	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			11/25/14 17:40	1
Ethylbenzene	ND		1.0	0.23	ug/L			11/25/14 17:40	1
2-Hexanone	ND		5.0	0.16	ug/L			11/25/14 17:40	1
Methylene Chloride	6.8		1.0	0.13	ug/L			11/25/14 17:40	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			11/25/14 17:40	1
Styrene	ND		1.0	0.097	ug/L			11/25/14 17:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			11/25/14 17:40	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/14 17:40	1
Toluene	ND		1.0	0.15	ug/L			11/25/14 17:40	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			11/25/14 17:40	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			11/25/14 17:40	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			11/25/14 17:40	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/25/14 17:40	1
Trichloroethene	0.35	J	1.0	0.14	ug/L			11/25/14 17:40	1
Vinyl chloride	ND		1.0	0.23	ug/L			11/25/14 17:40	1
Xylenes, Total	ND		3.0	0.49	ug/L			11/25/14 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 118		11/25/14 17:40	1
Dibromofluoromethane (Surr)	106		70 - 128		11/25/14 17:40	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 135		11/25/14 17:40	1
Toluene-d8 (Surr)	105		71 - 118		11/25/14 17:40	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

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

Lab Sample ID: MB 180-126398/4

Matrix: Water

Analysis Batch: 126398

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			11/25/14 11:46	1
Benzene	ND		1.0	0.11	ug/L			11/25/14 11:46	1
Bromoform	ND		1.0	0.19	ug/L			11/25/14 11:46	1
Bromomethane	ND		1.0	0.31	ug/L			11/25/14 11:46	1
2-Butanone	ND		5.0	0.55	ug/L			11/25/14 11:46	1
Carbon disulfide	ND		1.0	0.21	ug/L			11/25/14 11:46	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			11/25/14 11:46	1
Chlorobenzene	ND		1.0	0.14	ug/L			11/25/14 11:46	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			11/25/14 11:46	1
Chloroethane	ND		1.0	0.21	ug/L			11/25/14 11:46	1
Chloroform	ND		1.0	0.17	ug/L			11/25/14 11:46	1
Chloromethane	ND		1.0	0.28	ug/L			11/25/14 11:46	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			11/25/14 11:46	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/25/14 11:46	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			11/25/14 11:46	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			11/25/14 11:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/25/14 11:46	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/25/14 11:46	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			11/25/14 11:46	1
Ethylbenzene	ND		1.0	0.23	ug/L			11/25/14 11:46	1
2-Hexanone	ND		5.0	0.16	ug/L			11/25/14 11:46	1
Methylene Chloride	ND		1.0	0.13	ug/L			11/25/14 11:46	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			11/25/14 11:46	1
Styrene	ND		1.0	0.097	ug/L			11/25/14 11:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			11/25/14 11:46	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/14 11:46	1
Toluene	ND		1.0	0.15	ug/L			11/25/14 11:46	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			11/25/14 11:46	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			11/25/14 11:46	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			11/25/14 11:46	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/25/14 11:46	1
Trichloroethene	ND		1.0	0.14	ug/L			11/25/14 11:46	1
Vinyl chloride	ND		1.0	0.23	ug/L			11/25/14 11:46	1
Xylenes, Total	ND		3.0	0.49	ug/L			11/25/14 11:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 118		11/25/14 11:46	1
Dibromofluoromethane (Surr)	103		70 - 128		11/25/14 11:46	1
1,2-Dichloroethane-d4 (Surr)	103		64 - 135		11/25/14 11:46	1
Toluene-d8 (Surr)	104		71 - 118		11/25/14 11:46	1

Lab Sample ID: LCS 180-126398/6

Matrix: Water

Analysis Batch: 126398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	21.3		ug/L		106	22 - 150
Benzene	10.0	10.6		ug/L		106	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

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

Lab Sample ID: LCS 180-126398/6

Matrix: Water

Analysis Batch: 126398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	12.0		ug/L		120	46 - 150
Bromomethane	10.0	8.37		ug/L		84	33 - 150
2-Butanone	20.0	19.4		ug/L		97	39 - 138
Carbon disulfide	10.0	9.41		ug/L		94	54 - 132
Carbon tetrachloride	10.0	13.9		ug/L		139	55 - 150
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120
Chlorodibromomethane	10.0	11.3		ug/L		113	60 - 140
Chloroethane	10.0	11.3		ug/L		113	36 - 142
Chloroform	10.0	10.4		ug/L		104	72 - 127
Chloromethane	10.0	9.80		ug/L		98	50 - 139
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	70 - 120
cis-1,3-Dichloropropene	10.0	10.7		ug/L		107	66 - 120
Dichlorobromomethane	10.0	10.3		ug/L		103	66 - 130
1,1-Dichloroethane	10.0	10.5		ug/L		105	73 - 126
1,2-Dichloroethane	10.0	10.0		ug/L		100	68 - 132
1,1-Dichloroethene	10.0	10.4		ug/L		104	65 - 136
1,2-Dichloropropane	10.0	10.5		ug/L		105	76 - 124
Ethylbenzene	10.0	10.7		ug/L		107	72 - 126
2-Hexanone	20.0	18.5		ug/L		93	25 - 132
Methylene Chloride	10.0	9.75		ug/L		97	63 - 129
4-Methyl-2-pentanone	20.0	17.9		ug/L		90	45 - 145
Styrene	10.0	10.3		ug/L		103	71 - 127
1,1,2,2-Tetrachloroethane	10.0	11.0		ug/L		110	62 - 125
Tetrachloroethene	10.0	11.0		ug/L		110	70 - 135
Toluene	10.0	10.5		ug/L		105	80 - 123
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	73 - 126
trans-1,3-Dichloropropene	10.0	12.1		ug/L		121	65 - 125
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 133
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	77 - 127
Trichloroethene	10.0	10.9		ug/L		109	73 - 120
Vinyl chloride	10.0	10.8		ug/L		108	53 - 138
Xylenes, Total	20.0	21.6		ug/L		108	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 118
Dibromofluoromethane (Surr)	102		70 - 128
1,2-Dichloroethane-d4 (Surr)	99		64 - 135
Toluene-d8 (Surr)	108		71 - 118

Lab Sample ID: MB 180-126520/4

Matrix: Water

Analysis Batch: 126520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			11/26/14 10:15	1
Benzene	ND		1.0	0.11	ug/L			11/26/14 10:15	1
Bromoform	ND		1.0	0.19	ug/L			11/26/14 10:15	1
Bromomethane	ND		1.0	0.31	ug/L			11/26/14 10:15	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

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

Lab Sample ID: MB 180-126520/4

Matrix: Water

Analysis Batch: 126520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			11/26/14 10:15	1
Carbon disulfide	ND		1.0	0.21	ug/L			11/26/14 10:15	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			11/26/14 10:15	1
Chlorobenzene	ND		1.0	0.14	ug/L			11/26/14 10:15	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			11/26/14 10:15	1
Chloroethane	ND		1.0	0.21	ug/L			11/26/14 10:15	1
Chloroform	ND		1.0	0.17	ug/L			11/26/14 10:15	1
Chloromethane	ND		1.0	0.28	ug/L			11/26/14 10:15	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			11/26/14 10:15	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/26/14 10:15	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			11/26/14 10:15	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			11/26/14 10:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/26/14 10:15	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/26/14 10:15	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			11/26/14 10:15	1
Ethylbenzene	ND		1.0	0.23	ug/L			11/26/14 10:15	1
2-Hexanone	ND		5.0	0.16	ug/L			11/26/14 10:15	1
Methylene Chloride	ND		1.0	0.13	ug/L			11/26/14 10:15	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			11/26/14 10:15	1
Styrene	ND		1.0	0.097	ug/L			11/26/14 10:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			11/26/14 10:15	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/26/14 10:15	1
Toluene	ND		1.0	0.15	ug/L			11/26/14 10:15	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			11/26/14 10:15	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			11/26/14 10:15	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			11/26/14 10:15	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/26/14 10:15	1
Trichloroethene	ND		1.0	0.14	ug/L			11/26/14 10:15	1
Vinyl chloride	ND		1.0	0.23	ug/L			11/26/14 10:15	1
Xylenes, Total	ND		3.0	0.49	ug/L			11/26/14 10:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 118		11/26/14 10:15	1
Dibromofluoromethane (Surr)	95		70 - 128		11/26/14 10:15	1
1,2-Dichloroethane-d4 (Surr)	92		64 - 135		11/26/14 10:15	1
Toluene-d8 (Surr)	105		71 - 118		11/26/14 10:15	1

Lab Sample ID: LCS 180-126520/8

Matrix: Water

Analysis Batch: 126520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	20.3		ug/L		101	22 - 150
Benzene	10.0	10.5		ug/L		105	80 - 120
Bromoform	10.0	9.98		ug/L		100	46 - 150
Bromomethane	10.0	7.44		ug/L		74	33 - 150
2-Butanone	20.0	17.9		ug/L		90	39 - 138
Carbon disulfide	10.0	7.92		ug/L		79	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

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

Lab Sample ID: LCS 180-126520/8

Matrix: Water

Analysis Batch: 126520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	12.9		ug/L		129	55 - 150
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120
Chlorodibromomethane	10.0	10.2		ug/L		102	60 - 140
Chloroethane	10.0	8.87		ug/L		89	36 - 142
Chloroform	10.0	9.96		ug/L		100	72 - 127
Chloromethane	10.0	8.70		ug/L		87	50 - 139
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	70 - 120
cis-1,3-Dichloropropene	10.0	9.30		ug/L		93	66 - 120
Dichlorobromomethane	10.0	9.37		ug/L		94	66 - 130
1,1-Dichloroethane	10.0	10.0		ug/L		100	73 - 126
1,2-Dichloroethane	10.0	9.38		ug/L		94	68 - 132
1,1-Dichloroethene	10.0	9.85		ug/L		98	65 - 136
1,2-Dichloropropane	10.0	9.64		ug/L		96	76 - 124
Ethylbenzene	10.0	10.7		ug/L		107	72 - 126
2-Hexanone	20.0	15.0		ug/L		75	25 - 132
Methylene Chloride	10.0	9.96		ug/L		100	63 - 129
4-Methyl-2-pentanone	20.0	15.9		ug/L		80	45 - 145
Styrene	10.0	10.3		ug/L		103	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.7		ug/L		107	62 - 125
Tetrachloroethene	10.0	11.1		ug/L		111	70 - 135
Toluene	10.0	10.6		ug/L		106	80 - 123
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	73 - 126
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	65 - 125
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	63 - 133
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	77 - 127
Trichloroethene	10.0	10.7		ug/L		107	73 - 120
Vinyl chloride	10.0	9.85		ug/L		99	53 - 138
Xylenes, Total	20.0	21.5		ug/L		108	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 118
Dibromofluoromethane (Surr)	98		70 - 128
1,2-Dichloroethane-d4 (Surr)	92		64 - 135
Toluene-d8 (Surr)	107		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-125608/1-A

Matrix: Water

Analysis Batch: 125748

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 125608

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	33.0	J	200	16	ug/L		11/19/14 05:52	11/19/14 16:14	1
Iron	ND		100	9.5	ug/L		11/19/14 05:52	11/19/14 16:14	1
Zinc	2.16	J	20	1.0	ug/L		11/19/14 05:52	11/19/14 16:14	1

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QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-125608/2-A

Matrix: Water

Analysis Batch: 125748

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 125608

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2100		ug/L		105	85 - 115
Iron	1000	937		ug/L		94	85 - 115
Zinc	500	484		ug/L		97	85 - 115

Lab Sample ID: 180-39000-3 MS

Matrix: Water

Analysis Batch: 125748

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 125608

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	27	J B	2000	2150		ug/L		106	70 - 130
Iron	670		1000	1580		ug/L		91	70 - 130
Zinc	1500	B	500	1940		ug/L		85	70 - 130

Lab Sample ID: 180-39000-3 MSD

Matrix: Water

Analysis Batch: 125748

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 125608

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	27	J B	2000	2130		ug/L		105	70 - 130	1	20
Iron	670		1000	1540		ug/L		88	70 - 130	2	20
Zinc	1500	B	500	1860		ug/L		70	70 - 130	4	20

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-126560/1-A

Matrix: Water

Analysis Batch: 126598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126560

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		11/26/14 09:50	11/26/14 09:50	1

Lab Sample ID: LCS 180-126560/2-A

Matrix: Water

Analysis Batch: 126598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	32.0		mg/L		80	78 - 114

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-125673/1

Matrix: Water

Analysis Batch: 125673

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.050		SU		101	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-39000-1

GC/MS VOA

Analysis Batch: 126398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-1 - DL	MW2	Total/NA	Water	8260C	
180-39000-2 - DL	MW14	Total/NA	Water	8260C	
180-39000-3	EFFLUENT	Total/NA	Water	8260C	
180-39000-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-126398/6	Lab Control Sample	Total/NA	Water	8260C	
MB 180-126398/4	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 126520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-1	MW2	Total/NA	Water	8260C	
180-39000-2	MW14	Total/NA	Water	8260C	
LCS 180-126520/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-126520/4	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 125608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-3	EFFLUENT	Total Recoverable	Water	200.7	
180-39000-3 MS	EFFLUENT	Total Recoverable	Water	200.7	
180-39000-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-125608/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-125608/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 125748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-3	EFFLUENT	Total Recoverable	Water	200.7	125608
180-39000-3 MS	EFFLUENT	Total Recoverable	Water	200.7	125608
180-39000-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	125608
LCS 180-125608/2-A	Lab Control Sample	Total Recoverable	Water	200.7	125608
MB 180-125608/1-A	Method Blank	Total Recoverable	Water	200.7	125608

General Chemistry

Analysis Batch: 125673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-125673/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 126560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-126560/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 180-126560/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 126598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39000-3	EFFLUENT	Total/NA	Water	1664B	126560
LCS 180-126560/2-A	Lab Control Sample	Total/NA	Water	1664B	126560
MB 180-126560/1-A	Method Blank	Total/NA	Water	1664B	126560

TestAmerica Pittsburgh

[illegible]

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-39000-1

Login Number: 39000

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (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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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-40493-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

1/28/2015 3:35:48 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

1

2

3

4

5

6

7

8

9

10

11

12

13

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	10
QC Sample Results	16
QC Association Summary	23
Chain of Custody	25
Receipt Checklists	26



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Job ID: 180-40493-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-40493-1

Receipt

The samples were received on 1/15/2015 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-40493-1) and MW14 (180-40493-2). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-40493-1	MW2	Water	01/14/15 07:00	01/15/15 09:00
180-40493-2	MW14	Water	01/14/15 08:00	01/15/15 09:00
180-40493-3	EFFLUENT	Water	01/14/15 09:30	01/15/15 09:00
180-40493-4	TRIP BLANK	Water	01/14/15 00:00	01/15/15 09:00

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: MW2

Date Collected: 01/14/15 07:00

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	130947	01/16/15 22:11	DLF	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	8260C		1000	5 mL	5 mL	131060	01/19/15 18:52	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: MW14

Date Collected: 01/14/15 08:00

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	131060	01/19/15 18:04	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: EFFLUENT

Date Collected: 01/14/15 09:30

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	131060	01/19/15 18:28	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	130917	01/16/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	131064	01/19/15 07:45	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	1664B		1	910 mL	1000 mL	131858	01/27/15 11:15	NAK	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			910 mL	1000 mL	131846	01/27/15 11:15	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	130943	01/16/15 10:49	RJ	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TRIP BLANK

Date Collected: 01/14/15 00:00

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	130947	01/16/15 22:35	DLF	TAL PIT
Instrument ID: CHHP5										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Analyst References:

- Lab: TAL PIT
- Batch Type: Prep
- AB1 = Ashwin Baikadi
 - NAK = Neil Klingman
- Batch Type: Analysis
- DLF = Donald Ferguson
 - NAK = Neil Klingman
 - RJ = Rebekah Jaquay
 - RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: MW2

Date Collected: 01/14/15 07:00

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2500	ug/L			01/19/15 18:52	1000
Benzene	ND		1000	110	ug/L			01/19/15 18:52	1000
Bromoform	ND		1000	190	ug/L			01/19/15 18:52	1000
Bromomethane	ND		1000	310	ug/L			01/19/15 18:52	1000
2-Butanone	ND		5000	550	ug/L			01/19/15 18:52	1000
Carbon disulfide	ND		1000	210	ug/L			01/19/15 18:52	1000
Carbon tetrachloride	ND		1000	140	ug/L			01/19/15 18:52	1000
Chlorobenzene	ND		1000	140	ug/L			01/19/15 18:52	1000
Chlorodibromomethane	ND		1000	140	ug/L			01/19/15 18:52	1000
Chloroethane	ND		1000	210	ug/L			01/19/15 18:52	1000
Chloroform	ND		1000	170	ug/L			01/19/15 18:52	1000
Chloromethane	ND		1000	280	ug/L			01/19/15 18:52	1000
cis-1,2-Dichloroethene	98000	E	1000	240	ug/L			01/19/15 18:52	1000
cis-1,3-Dichloropropene	ND		1000	190	ug/L			01/19/15 18:52	1000
Dichlorobromomethane	ND		1000	130	ug/L			01/19/15 18:52	1000
1,1-Dichloroethane	ND		1000	120	ug/L			01/19/15 18:52	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/19/15 18:52	1000
1,1-Dichloroethene	ND		1000	300	ug/L			01/19/15 18:52	1000
1,2-Dichloropropane	ND		1000	95	ug/L			01/19/15 18:52	1000
Ethylbenzene	ND		1000	230	ug/L			01/19/15 18:52	1000
2-Hexanone	ND		5000	160	ug/L			01/19/15 18:52	1000
Methylene Chloride	ND		1000	130	ug/L			01/19/15 18:52	1000
4-Methyl-2-pentanone	ND		5000	530	ug/L			01/19/15 18:52	1000
Styrene	ND		1000	97	ug/L			01/19/15 18:52	1000
1,1,2,2-Tetrachloroethane	ND		1000	200	ug/L			01/19/15 18:52	1000
Tetrachloroethene	ND		1000	150	ug/L			01/19/15 18:52	1000
Toluene	ND		1000	150	ug/L			01/19/15 18:52	1000
trans-1,2-Dichloroethene	ND		1000	170	ug/L			01/19/15 18:52	1000
trans-1,3-Dichloropropene	ND		1000	150	ug/L			01/19/15 18:52	1000
1,1,1-Trichloroethane	ND		1000	290	ug/L			01/19/15 18:52	1000
1,1,2-Trichloroethane	ND		1000	200	ug/L			01/19/15 18:52	1000
Trichloroethene	200	J	1000	140	ug/L			01/19/15 18:52	1000
Vinyl chloride	18000		1000	230	ug/L			01/19/15 18:52	1000
Xylenes, Total	ND		3000	490	ug/L			01/19/15 18:52	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 118		01/19/15 18:52	1000
Dibromofluoromethane (Surr)	115		70 - 128		01/19/15 18:52	1000
1,2-Dichloroethane-d4 (Surr)	113		64 - 135		01/19/15 18:52	1000
Toluene-d8 (Surr)	100		71 - 118		01/19/15 18:52	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			01/16/15 22:11	10000
Benzene	ND		10000	1100	ug/L			01/16/15 22:11	10000
Bromoform	ND		10000	1900	ug/L			01/16/15 22:11	10000
Bromomethane	ND		10000	3100	ug/L			01/16/15 22:11	10000
2-Butanone	ND		50000	5500	ug/L			01/16/15 22:11	10000
Carbon disulfide	ND		10000	2100	ug/L			01/16/15 22:11	10000
Carbon tetrachloride	ND		10000	1400	ug/L			01/16/15 22:11	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: MW2

Lab Sample ID: 180-40493-1

Date Collected: 01/14/15 07:00

Matrix: Water

Date Received: 01/15/15 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			01/16/15 22:11	10000
Chlorodibromomethane	ND		10000	1400	ug/L			01/16/15 22:11	10000
Chloroethane	ND		10000	2100	ug/L			01/16/15 22:11	10000
Chloroform	ND		10000	1700	ug/L			01/16/15 22:11	10000
Chloromethane	ND		10000	2800	ug/L			01/16/15 22:11	10000
cis-1,2-Dichloroethene	100000		10000	2400	ug/L			01/16/15 22:11	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			01/16/15 22:11	10000
Dichlorobromomethane	ND		10000	1300	ug/L			01/16/15 22:11	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			01/16/15 22:11	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			01/16/15 22:11	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			01/16/15 22:11	10000
1,2-Dichloropropane	ND		10000	950	ug/L			01/16/15 22:11	10000
Ethylbenzene	ND		10000	2300	ug/L			01/16/15 22:11	10000
2-Hexanone	ND		50000	1600	ug/L			01/16/15 22:11	10000
Methylene Chloride	ND		10000	1300	ug/L			01/16/15 22:11	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			01/16/15 22:11	10000
Styrene	ND		10000	970	ug/L			01/16/15 22:11	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			01/16/15 22:11	10000
Tetrachloroethene	ND		10000	1500	ug/L			01/16/15 22:11	10000
Toluene	ND		10000	1500	ug/L			01/16/15 22:11	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			01/16/15 22:11	10000
trans-1,3-Dichloropropene	ND		10000	1500	ug/L			01/16/15 22:11	10000
1,1,1-Trichloroethane	ND		10000	2900	ug/L			01/16/15 22:11	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			01/16/15 22:11	10000
Trichloroethene	ND		10000	1400	ug/L			01/16/15 22:11	10000
Vinyl chloride	19000		10000	2300	ug/L			01/16/15 22:11	10000
Xylenes, Total	ND		30000	4900	ug/L			01/16/15 22:11	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 118		01/16/15 22:11	10000
Dibromofluoromethane (Surr)	110		70 - 128		01/16/15 22:11	10000
1,2-Dichloroethane-d4 (Surr)	109		64 - 135		01/16/15 22:11	10000
Toluene-d8 (Surr)	101		71 - 118		01/16/15 22:11	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: MW14

Date Collected: 01/14/15 08:00

Date Received: 01/15/15 09:00

Lab Sample ID: 180-40493-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			01/19/15 18:04	500
Benzene	ND		500	53	ug/L			01/19/15 18:04	500
Bromoform	ND		500	96	ug/L			01/19/15 18:04	500
Bromomethane	ND		500	160	ug/L			01/19/15 18:04	500
2-Butanone	ND		2500	270	ug/L			01/19/15 18:04	500
Carbon disulfide	ND		500	110	ug/L			01/19/15 18:04	500
Carbon tetrachloride	ND		500	68	ug/L			01/19/15 18:04	500
Chlorobenzene	ND		500	68	ug/L			01/19/15 18:04	500
Chlorodibromomethane	ND		500	68	ug/L			01/19/15 18:04	500
Chloroethane	ND		500	110	ug/L			01/19/15 18:04	500
Chloroform	ND		500	85	ug/L			01/19/15 18:04	500
Chloromethane	ND		500	140	ug/L			01/19/15 18:04	500
cis-1,2-Dichloroethene	3200		500	120	ug/L			01/19/15 18:04	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			01/19/15 18:04	500
Dichlorobromomethane	ND		500	65	ug/L			01/19/15 18:04	500
1,1-Dichloroethane	ND		500	58	ug/L			01/19/15 18:04	500
1,2-Dichloroethane	ND		500	110	ug/L			01/19/15 18:04	500
1,1,1-Dichloroethene	ND		500	150	ug/L			01/19/15 18:04	500
1,2-Dichloropropane	ND		500	47	ug/L			01/19/15 18:04	500
Ethylbenzene	ND		500	110	ug/L			01/19/15 18:04	500
2-Hexanone	ND		2500	80	ug/L			01/19/15 18:04	500
Methylene Chloride	ND		500	63	ug/L			01/19/15 18:04	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			01/19/15 18:04	500
Styrene	ND		500	48	ug/L			01/19/15 18:04	500
1,1,1,2-Tetrachloroethane	ND		500	100	ug/L			01/19/15 18:04	500
Tetrachloroethene	ND		500	74	ug/L			01/19/15 18:04	500
Toluene	ND		500	75	ug/L			01/19/15 18:04	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			01/19/15 18:04	500
trans-1,3-Dichloropropene	ND		500	74	ug/L			01/19/15 18:04	500
1,1,1-Trichloroethane	ND		500	140	ug/L			01/19/15 18:04	500
1,1,2-Trichloroethane	ND		500	100	ug/L			01/19/15 18:04	500
Trichloroethene	13000		500	72	ug/L			01/19/15 18:04	500
Vinyl chloride	ND		500	110	ug/L			01/19/15 18:04	500
Xylenes, Total	ND		1500	240	ug/L			01/19/15 18:04	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 118		01/19/15 18:04	500
Dibromofluoromethane (Surr)	119		70 - 128		01/19/15 18:04	500
1,2-Dichloroethane-d4 (Surr)	115		64 - 135		01/19/15 18:04	500
Toluene-d8 (Surr)	97		71 - 118		01/19/15 18:04	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-40493-3

Date Collected: 01/14/15 09:30

Matrix: Water

Date Received: 01/15/15 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			01/19/15 18:28	1
Benzene	ND		1.0	0.11	ug/L			01/19/15 18:28	1
Bromoform	2.8		1.0	0.19	ug/L			01/19/15 18:28	1
Bromomethane	ND		1.0	0.31	ug/L			01/19/15 18:28	1
2-Butanone	ND		5.0	0.55	ug/L			01/19/15 18:28	1
Carbon disulfide	ND		1.0	0.21	ug/L			01/19/15 18:28	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			01/19/15 18:28	1
Chlorobenzene	ND		1.0	0.14	ug/L			01/19/15 18:28	1
Chlorodibromomethane	1.6		1.0	0.14	ug/L			01/19/15 18:28	1
Chloroethane	ND		1.0	0.21	ug/L			01/19/15 18:28	1
Chloroform	0.29	J	1.0	0.17	ug/L			01/19/15 18:28	1
Chloromethane	0.29	J	1.0	0.28	ug/L			01/19/15 18:28	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			01/19/15 18:28	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			01/19/15 18:28	1
Dichlorobromomethane	0.70	J	1.0	0.13	ug/L			01/19/15 18:28	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			01/19/15 18:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/19/15 18:28	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			01/19/15 18:28	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			01/19/15 18:28	1
Ethylbenzene	ND		1.0	0.23	ug/L			01/19/15 18:28	1
2-Hexanone	ND		5.0	0.16	ug/L			01/19/15 18:28	1
Methylene Chloride	ND		1.0	0.13	ug/L			01/19/15 18:28	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			01/19/15 18:28	1
Styrene	ND		1.0	0.097	ug/L			01/19/15 18:28	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/19/15 18:28	1
Tetrachloroethene	ND		1.0	0.15	ug/L			01/19/15 18:28	1
Toluene	ND		1.0	0.15	ug/L			01/19/15 18:28	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			01/19/15 18:28	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			01/19/15 18:28	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			01/19/15 18:28	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/19/15 18:28	1
Trichloroethene	1.5		1.0	0.14	ug/L			01/19/15 18:28	1
Vinyl chloride	ND		1.0	0.23	ug/L			01/19/15 18:28	1
Xylenes, Total	ND		3.0	0.49	ug/L			01/19/15 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 118		01/19/15 18:28	1
Dibromofluoromethane (Surr)	114		70 - 128		01/19/15 18:28	1
1,2-Dichloroethane-d4 (Surr)	113		64 - 135		01/19/15 18:28	1
Toluene-d8 (Surr)	96		71 - 118		01/19/15 18:28	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		01/16/15 09:11	01/19/15 07:45	1
Iron	46	J	100	9.5	ug/L		01/16/15 09:11	01/19/15 07:45	1
Zinc	1100	B	20	1.0	ug/L		01/16/15 09:11	01/19/15 07:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	2.1	J	5.5	1.6	mg/L		01/27/15 11:15	01/27/15 11:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-40493-3

Date Collected: 01/14/15 09:30

Matrix: Water

Date Received: 01/15/15 09:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.51	HF	0.100	0.100	SU	—		01/16/15 10:49	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-40493-4

Date Collected: 01/14/15 00:00

Matrix: Water

Date Received: 01/15/15 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			01/16/15 22:35	1
Benzene	ND		1.0	0.11	ug/L			01/16/15 22:35	1
Bromoform	ND		1.0	0.19	ug/L			01/16/15 22:35	1
Bromomethane	ND		1.0	0.31	ug/L			01/16/15 22:35	1
2-Butanone	ND		5.0	0.55	ug/L			01/16/15 22:35	1
Carbon disulfide	ND		1.0	0.21	ug/L			01/16/15 22:35	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			01/16/15 22:35	1
Chlorobenzene	ND		1.0	0.14	ug/L			01/16/15 22:35	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			01/16/15 22:35	1
Chloroethane	ND		1.0	0.21	ug/L			01/16/15 22:35	1
Chloroform	ND		1.0	0.17	ug/L			01/16/15 22:35	1
Chloromethane	ND		1.0	0.28	ug/L			01/16/15 22:35	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			01/16/15 22:35	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			01/16/15 22:35	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			01/16/15 22:35	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			01/16/15 22:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/16/15 22:35	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			01/16/15 22:35	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			01/16/15 22:35	1
Ethylbenzene	ND		1.0	0.23	ug/L			01/16/15 22:35	1
2-Hexanone	ND		5.0	0.16	ug/L			01/16/15 22:35	1
Methylene Chloride	ND		1.0	0.13	ug/L			01/16/15 22:35	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			01/16/15 22:35	1
Styrene	ND		1.0	0.097	ug/L			01/16/15 22:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/16/15 22:35	1
Tetrachloroethene	ND		1.0	0.15	ug/L			01/16/15 22:35	1
Toluene	ND		1.0	0.15	ug/L			01/16/15 22:35	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			01/16/15 22:35	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			01/16/15 22:35	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			01/16/15 22:35	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/16/15 22:35	1
Trichloroethene	0.70	J	1.0	0.14	ug/L			01/16/15 22:35	1
Vinyl chloride	ND		1.0	0.23	ug/L			01/16/15 22:35	1
Xylenes, Total	ND		3.0	0.49	ug/L			01/16/15 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 118		01/16/15 22:35	1
Dibromofluoromethane (Surr)	114		70 - 128		01/16/15 22:35	1
1,2-Dichloroethane-d4 (Surr)	112		64 - 135		01/16/15 22:35	1
Toluene-d8 (Surr)	104		71 - 118		01/16/15 22:35	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

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

Lab Sample ID: MB 180-130947/8

Matrix: Water

Analysis Batch: 130947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			01/16/15 13:56	1
Benzene	ND		1.0	0.11	ug/L			01/16/15 13:56	1
Bromoform	ND		1.0	0.19	ug/L			01/16/15 13:56	1
Bromomethane	ND		1.0	0.31	ug/L			01/16/15 13:56	1
2-Butanone	ND		5.0	0.55	ug/L			01/16/15 13:56	1
Carbon disulfide	ND		1.0	0.21	ug/L			01/16/15 13:56	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			01/16/15 13:56	1
Chlorobenzene	ND		1.0	0.14	ug/L			01/16/15 13:56	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			01/16/15 13:56	1
Chloroethane	ND		1.0	0.21	ug/L			01/16/15 13:56	1
Chloroform	ND		1.0	0.17	ug/L			01/16/15 13:56	1
Chloromethane	ND		1.0	0.28	ug/L			01/16/15 13:56	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			01/16/15 13:56	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			01/16/15 13:56	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			01/16/15 13:56	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			01/16/15 13:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/16/15 13:56	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			01/16/15 13:56	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			01/16/15 13:56	1
Ethylbenzene	ND		1.0	0.23	ug/L			01/16/15 13:56	1
2-Hexanone	ND		5.0	0.16	ug/L			01/16/15 13:56	1
Methylene Chloride	ND		1.0	0.13	ug/L			01/16/15 13:56	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			01/16/15 13:56	1
Styrene	ND		1.0	0.097	ug/L			01/16/15 13:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/16/15 13:56	1
Tetrachloroethene	ND		1.0	0.15	ug/L			01/16/15 13:56	1
Toluene	ND		1.0	0.15	ug/L			01/16/15 13:56	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			01/16/15 13:56	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			01/16/15 13:56	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			01/16/15 13:56	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/16/15 13:56	1
Trichloroethene	ND		1.0	0.14	ug/L			01/16/15 13:56	1
Vinyl chloride	ND		1.0	0.23	ug/L			01/16/15 13:56	1
Xylenes, Total	ND		3.0	0.49	ug/L			01/16/15 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 118		01/16/15 13:56	1
Dibromofluoromethane (Surr)	110		70 - 128		01/16/15 13:56	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 135		01/16/15 13:56	1
Toluene-d8 (Surr)	101		71 - 118		01/16/15 13:56	1

Lab Sample ID: LCS 180-130947/9

Matrix: Water

Analysis Batch: 130947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	24.2		ug/L		121	22 - 150
Benzene	10.0	10.7		ug/L		107	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

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

Lab Sample ID: LCS 180-130947/9

Matrix: Water

Analysis Batch: 130947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	8.72		ug/L		87	46 - 150
Bromomethane	10.0	8.53		ug/L		85	33 - 150
2-Butanone	20.0	21.0		ug/L		105	39 - 138
Carbon disulfide	10.0	8.60		ug/L		86	54 - 132
Carbon tetrachloride	10.0	11.1		ug/L		111	55 - 150
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120
Chlorodibromomethane	10.0	9.74		ug/L		97	60 - 140
Chloroethane	10.0	8.87		ug/L		89	36 - 142
Chloroform	10.0	10.6		ug/L		106	72 - 127
Chloromethane	10.0	9.57		ug/L		96	50 - 139
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	70 - 120
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	66 - 120
Dichlorobromomethane	10.0	9.85		ug/L		99	66 - 130
1,1-Dichloroethane	10.0	10.9		ug/L		109	73 - 126
1,2-Dichloroethane	10.0	10.7		ug/L		107	68 - 132
1,1-Dichloroethene	10.0	10.3		ug/L		103	65 - 136
1,2-Dichloropropane	10.0	10.3		ug/L		103	76 - 124
Ethylbenzene	10.0	10.8		ug/L		108	72 - 126
2-Hexanone	20.0	19.6		ug/L		98	25 - 132
Methylene Chloride	10.0	11.1		ug/L		111	63 - 129
4-Methyl-2-pentanone	20.0	19.6		ug/L		98	45 - 145
Styrene	10.0	10.3		ug/L		103	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.92		ug/L		99	62 - 125
Tetrachloroethene	10.0	10.3		ug/L		103	70 - 135
Toluene	10.0	10.3		ug/L		103	80 - 123
trans-1,2-Dichloroethene	10.0	11.0		ug/L		110	73 - 126
trans-1,3-Dichloropropene	10.0	11.5		ug/L		115	65 - 125
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 133
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	77 - 127
Trichloroethene	10.0	11.4		ug/L		114	73 - 120
Vinyl chloride	10.0	9.83		ug/L		98	53 - 138
Xylenes, Total	20.0	21.5		ug/L		108	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 118
Dibromofluoromethane (Surr)	106		70 - 128
1,2-Dichloroethane-d4 (Surr)	98		64 - 135
Toluene-d8 (Surr)	100		71 - 118

Lab Sample ID: LCSD 180-130947/10

Matrix: Water

Analysis Batch: 130947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	20.0	23.9		ug/L		120	22 - 150	1	35
Benzene	10.0	10.5		ug/L		105	80 - 120	2	32
Bromoform	10.0	8.71		ug/L		87	46 - 150	0	35
Bromomethane	10.0	9.24		ug/L		92	33 - 150	8	35

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

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

Lab Sample ID: LCSD 180-130947/10

Matrix: Water

Analysis Batch: 130947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone	20.0	21.2		ug/L		106	39 - 138	1	35
Carbon disulfide	10.0	8.69		ug/L		87	54 - 132	1	35
Carbon tetrachloride	10.0	10.6		ug/L		106	55 - 150	4	35
Chlorobenzene	10.0	10.3		ug/L		103	80 - 120	5	29
Chlorodibromomethane	10.0	9.83		ug/L		98	60 - 140	1	35
Chloroethane	10.0	9.03		ug/L		90	36 - 142	2	35
Chloroform	10.0	10.6		ug/L		106	72 - 127	0	35
Chloromethane	10.0	8.81		ug/L		88	50 - 139	8	35
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	70 - 120	4	35
cis-1,3-Dichloropropene	10.0	10.7		ug/L		107	66 - 120	2	35
Dichlorobromomethane	10.0	9.49		ug/L		95	66 - 130	4	35
1,1-Dichloroethane	10.0	10.6		ug/L		106	73 - 126	3	35
1,2-Dichloroethane	10.0	10.1		ug/L		101	68 - 132	5	32
1,1-Dichloroethene	10.0	9.57		ug/L		96	65 - 136	7	35
1,2-Dichloropropane	10.0	9.74		ug/L		97	76 - 124	6	34
Ethylbenzene	10.0	10.1		ug/L		101	72 - 126	7	33
2-Hexanone	20.0	19.6		ug/L		98	25 - 132	0	35
Methylene Chloride	10.0	10.3		ug/L		103	63 - 129	8	35
4-Methyl-2-pentanone	20.0	20.6		ug/L		103	45 - 145	5	35
Styrene	10.0	9.98		ug/L		100	71 - 127	3	34
1,1,2,2-Tetrachloroethane	10.0	9.56		ug/L		96	62 - 125	4	35
Tetrachloroethene	10.0	9.44		ug/L		94	70 - 135	9	35
Toluene	10.0	9.98		ug/L		100	80 - 123	3	35
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	73 - 126	2	35
trans-1,3-Dichloropropene	10.0	10.8		ug/L		108	65 - 125	7	35
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 133	4	35
1,1,2-Trichloroethane	10.0	9.43		ug/L		94	77 - 127	6	35
Trichloroethene	10.0	10.7		ug/L		107	73 - 120	6	35
Vinyl chloride	10.0	9.05		ug/L		91	53 - 138	8	35
Xylenes, Total	20.0	20.8		ug/L		104	76 - 128	3	32

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 118
Dibromofluoromethane (Surr)	97		70 - 128
1,2-Dichloroethane-d4 (Surr)	94		64 - 135
Toluene-d8 (Surr)	87		71 - 118

Lab Sample ID: MB 180-131060/5

Matrix: Water

Analysis Batch: 131060

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			01/19/15 10:37	1
Benzene	ND		1.0	0.11	ug/L			01/19/15 10:37	1
Bromoform	ND		1.0	0.19	ug/L			01/19/15 10:37	1
Bromomethane	ND		1.0	0.31	ug/L			01/19/15 10:37	1
2-Butanone	ND		5.0	0.55	ug/L			01/19/15 10:37	1
Carbon disulfide	ND		1.0	0.21	ug/L			01/19/15 10:37	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

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

Lab Sample ID: MB 180-131060/5

Matrix: Water

Analysis Batch: 131060

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ug/L			01/19/15 10:37	1
Chlorobenzene	ND		1.0	0.14	ug/L			01/19/15 10:37	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			01/19/15 10:37	1
Chloroethane	ND		1.0	0.21	ug/L			01/19/15 10:37	1
Chloroform	ND		1.0	0.17	ug/L			01/19/15 10:37	1
Chloromethane	ND		1.0	0.28	ug/L			01/19/15 10:37	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			01/19/15 10:37	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			01/19/15 10:37	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			01/19/15 10:37	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			01/19/15 10:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/19/15 10:37	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			01/19/15 10:37	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			01/19/15 10:37	1
Ethylbenzene	ND		1.0	0.23	ug/L			01/19/15 10:37	1
2-Hexanone	ND		5.0	0.16	ug/L			01/19/15 10:37	1
Methylene Chloride	ND		1.0	0.13	ug/L			01/19/15 10:37	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			01/19/15 10:37	1
Styrene	ND		1.0	0.097	ug/L			01/19/15 10:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/19/15 10:37	1
Tetrachloroethene	ND		1.0	0.15	ug/L			01/19/15 10:37	1
Toluene	ND		1.0	0.15	ug/L			01/19/15 10:37	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			01/19/15 10:37	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			01/19/15 10:37	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			01/19/15 10:37	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/19/15 10:37	1
Trichloroethene	ND		1.0	0.14	ug/L			01/19/15 10:37	1
Vinyl chloride	ND		1.0	0.23	ug/L			01/19/15 10:37	1
Xylenes, Total	ND		3.0	0.49	ug/L			01/19/15 10:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 118		01/19/15 10:37	1
Dibromofluoromethane (Surr)	107		70 - 128		01/19/15 10:37	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 135		01/19/15 10:37	1
Toluene-d8 (Surr)	99		71 - 118		01/19/15 10:37	1

Lab Sample ID: LCS 180-131060/8

Matrix: Water

Analysis Batch: 131060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	20.4		ug/L		102	22 - 150
Benzene	10.0	8.62		ug/L		86	80 - 120
Bromoform	10.0	10.1		ug/L		101	46 - 150
Bromomethane	10.0	8.35		ug/L		83	33 - 150
2-Butanone	20.0	18.1		ug/L		91	39 - 138
Carbon disulfide	10.0	8.34		ug/L		83	54 - 132
Carbon tetrachloride	10.0	9.87		ug/L		99	55 - 150
Chlorobenzene	10.0	9.86		ug/L		99	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

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

Lab Sample ID: LCS 180-131060/8

Matrix: Water

Analysis Batch: 131060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	10.0	10.5		ug/L		105	60 - 140
Chloroethane	10.0	7.31		ug/L		73	36 - 142
Chloroform	10.0	9.50		ug/L		95	72 - 127
Chloromethane	10.0	7.46		ug/L		75	50 - 139
cis-1,2-Dichloroethene	10.0	9.20		ug/L		92	70 - 120
cis-1,3-Dichloropropene	10.0	9.55		ug/L		95	66 - 120
Dichlorobromomethane	10.0	8.98		ug/L		90	66 - 130
1,1-Dichloroethane	10.0	8.88		ug/L		89	73 - 126
1,2-Dichloroethane	10.0	9.53		ug/L		95	68 - 132
1,1-Dichloroethene	10.0	7.51		ug/L		75	65 - 136
1,2-Dichloropropane	10.0	8.16		ug/L		82	76 - 124
Ethylbenzene	10.0	9.59		ug/L		96	72 - 126
2-Hexanone	20.0	15.6		ug/L		78	25 - 132
Methylene Chloride	10.0	8.92		ug/L		89	63 - 129
4-Methyl-2-pentanone	20.0	18.7		ug/L		94	45 - 145
Styrene	10.0	9.48		ug/L		95	71 - 127
1,1,2,2-Tetrachloroethane	10.0	9.32		ug/L		93	62 - 125
Tetrachloroethene	10.0	9.20		ug/L		92	70 - 135
Toluene	10.0	9.34		ug/L		93	80 - 123
trans-1,2-Dichloroethene	10.0	8.86		ug/L		89	73 - 126
trans-1,3-Dichloropropene	10.0	11.6		ug/L		116	65 - 125
1,1,1-Trichloroethane	10.0	9.58		ug/L		96	63 - 133
1,1,2-Trichloroethane	10.0	9.69		ug/L		97	77 - 127
Trichloroethene	10.0	8.86		ug/L		89	73 - 120
Vinyl chloride	10.0	7.42		ug/L		74	53 - 138
Xylenes, Total	20.0	19.4		ug/L		97	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 118
Dibromofluoromethane (Surr)	92		70 - 128
1,2-Dichloroethane-d4 (Surr)	89		64 - 135
Toluene-d8 (Surr)	95		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-130917/1-A

Matrix: Water

Analysis Batch: 131064

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 130917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		01/16/15 09:11	01/19/15 07:35	1
Iron	ND		100	9.5	ug/L		01/16/15 09:11	01/19/15 07:35	1
Zinc	2.96	J	20	1.0	ug/L		01/16/15 09:11	01/19/15 07:35	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-130917/2-A

Matrix: Water

Analysis Batch: 131064

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 130917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	1940		ug/L		97	85 - 115
Iron	1000	956		ug/L		96	85 - 115
Zinc	500	487		ug/L		97	85 - 115

Lab Sample ID: 180-40493-3 MS

Matrix: Water

Analysis Batch: 131064

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 130917

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		2000	2000		ug/L		100	70 - 130
Iron	46	J	1000	1040		ug/L		99	70 - 130
Zinc	1100	B	500	1610		ug/L		92	70 - 130

Lab Sample ID: 180-40493-3 MSD

Matrix: Water

Analysis Batch: 131064

Client Sample ID: EFFLUENT

Prep Type: Total Recoverable

Prep Batch: 130917

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	ND		2000	1960		ug/L		98	70 - 130	2	20
Iron	46	J	1000	1010		ug/L		96	70 - 130	3	20
Zinc	1100	B	500	1580		ug/L		87	70 - 130	1	20

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-131846/1-A

Matrix: Water

Analysis Batch: 131858

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		01/27/15 11:15	01/27/15 11:15	1

Lab Sample ID: LCS 180-131846/2-A

Matrix: Water

Analysis Batch: 131858

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	35.9		mg/L		90	78 - 114

Lab Sample ID: LCSD 180-131846/3-A

Matrix: Water

Analysis Batch: 131858

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
HEM (Oil & Grease)	40.0	35.4		mg/L		89	78 - 114	1	18

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-130943/1

Matrix: Water

Analysis Batch: 130943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

GC/MS VOA

Analysis Batch: 130947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-1 - DL	MW2	Total/NA	Water	8260C	
180-40493-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-130947/9	Lab Control Sample	Total/NA	Water	8260C	
LCSD 180-130947/10	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 180-130947/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 131060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-1	MW2	Total/NA	Water	8260C	
180-40493-2	MW14	Total/NA	Water	8260C	
180-40493-3	EFFLUENT	Total/NA	Water	8260C	
LCS 180-131060/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-131060/5	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 130917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-3	EFFLUENT	Total Recoverable	Water	200.7	
180-40493-3 MS	EFFLUENT	Total Recoverable	Water	200.7	
180-40493-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-130917/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-130917/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 131064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-3	EFFLUENT	Total Recoverable	Water	200.7	130917
180-40493-3 MS	EFFLUENT	Total Recoverable	Water	200.7	130917
180-40493-3 MSD	EFFLUENT	Total Recoverable	Water	200.7	130917
LCS 180-130917/2-A	Lab Control Sample	Total Recoverable	Water	200.7	130917
MB 180-130917/1-A	Method Blank	Total Recoverable	Water	200.7	130917

General Chemistry

Analysis Batch: 130943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-130943/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 131846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-131846/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-131846/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-131846/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 131858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-40493-3	EFFLUENT	Total/NA	Water	1664B	131846
LCS 180-131846/2-A	Lab Control Sample	Total/NA	Water	1664B	131846

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-40493-1

General Chemistry (Continued)

Analysis Batch: 131858 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 180-131846/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	131846
MB 180-131846/1-A	Method Blank	Total/NA	Water	1664B	131846

TestAmerica Pittsburgh

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Patty Lundin Company: SGK Ventures, LLC Address: 300 Falconer Road City: Frewsburg State, Zip: NY, 14738 Phone: [blank] Email: plundin@keywell.com Project Name: SGK Ventures, LLC - Frewsburg Site: [blank]		Lab PM: Dunlap, David A E-Mail: dave.dunlap@testamericainc.com Carrier Tracking No(s): [blank]		COC No: 180-11355-311.1 Page: Page 1 of 1 Job #: [blank]	
Due Date Requested: [blank] TAT Requested (days): [blank]		Analysis Requested: [blank]			
PO #: [blank] Purchase Order not required WO #: [blank]		180-40493 Chain of Custody			
Sample Identification MW 2 MW 14 Effluent also received a trip blank 9200 1/5/15		Sample Date 1/14/15 1/14/15 1/14/15	Sample Time 7:00a 8:00a 9:30a	Sample Type G G G	Matrix W W W
Field Filtered Sample (Yes or No) [blank] Performance (MSD) (Yes or No) [blank]		SM4500_H+ - pH 200.7 - ICP Metals (Al, Fe, Zn) 1664B - HEM (Oil and Grease)			
Total Number of Containers [blank]		Special Instructions/Note: [blank]			
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) [blank]					
Empty Kit Relinquished by: [blank]		Date: [blank]		Method of Shipment: 1-15-15	
Relinquished by: Chuck Becker		Date/Time: 1/14/15 10:00 AM		Received by: [blank]	
Relinquished by: [blank]		Date/Time: [blank]		Received by: [blank]	
Relinquished by: [blank]		Date/Time: [blank]		Received by: [blank]	
Custody Seals Intact: [blank]		Custody Seal No.: [blank]		Cooler Temperature(s) °C and Other Remarks: [blank]	

SHORT HOLD

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-40493-1

Login Number: 40493

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-41328-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

2/27/2015 12:07:54 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	10
QC Sample Results	16
QC Association Summary	23
Chain of Custody	25
Receipt Checklists	26



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Job ID: 180-41328-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-41328-1

Receipt

The samples were received on 2/18/2015 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

Trip blanks were received, but not listed on the COC. Notation was made to the COC.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-41328-1) and MW14 (180-41328-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for batch 134000 recovered above the control limits for the following analytes: 1,1,1-trichloroethane and trans-1,3-dichloropropene. As these analytes were biased high in the LCS and were not detected in the associated samples, the results were reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 134175 recovered above the control limits for the following analyte: 1,1,2,2-tetrachloroethane. As this analyte was biased high in the LCS and was not detected in the associated samples, the results were reported.

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Laboratory: TestAmerica Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-41328-1	MW2	Water	02/16/15 07:00	02/18/15 10:45
180-41328-2	MW14	Water	02/16/15 08:00	02/18/15 10:45
180-41328-3	EFFLUENT	Water	02/16/15 09:30	02/18/15 10:45
180-41328-4	TRIP BLANK	Water	02/16/15 00:00	02/18/15 10:45

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: MW2

Date Collected: 02/16/15 07:00

Date Received: 02/18/15 10:45

Lab Sample ID: 180-41328-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10000	5 mL	5 mL	134000	02/23/15 21:09	DLF	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	8260C		1000	5 mL	5 mL	134175	02/25/15 22:38	DLF	TAL PIT
Instrument ID: CHHP6										

Client Sample ID: MW14

Date Collected: 02/16/15 08:00

Date Received: 02/18/15 10:45

Lab Sample ID: 180-41328-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	5 mL	5 mL	134000	02/23/15 21:33	DLF	TAL PIT
Instrument ID: CHHP5										

Client Sample ID: EFFLUENT

Date Collected: 02/16/15 09:30

Date Received: 02/18/15 10:45

Lab Sample ID: 180-41328-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	134175	02/25/15 13:27	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	133807	02/19/15 08:42	AB1	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	133909	02/20/15 09:11	RJG	TAL PIT
Instrument ID: C										
Total Recoverable	Prep	200.7			50 mL	50 mL	133807	02/19/15 08:42	AB1	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	133965	02/20/15 14:34	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	1664B		1	910 mL	1000 mL	133845	02/18/15 15:32	NAK	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	1664B			910 mL	1000 mL	133776	02/18/15 15:32	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	133842	02/19/15 14:00	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TRIP BLANK

Date Collected: 02/16/15 00:00

Date Received: 02/18/15 10:45

Lab Sample ID: 180-41328-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	134175	02/25/15 13:51	DLF	TAL PIT
Instrument ID: CHHP6										

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

AB1 = Ashwin Baikadi

NAK = Neil Klingman

Batch Type: Analysis

AB1 = Ashwin Baikadi

DLF = Donald Ferguson

NAK = Neil Klingman

RJG = Rob Good

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Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: MW2

Date Collected: 02/16/15 07:00

Date Received: 02/18/15 10:45

Lab Sample ID: 180-41328-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2500	ug/L			02/25/15 22:38	1000
Benzene	ND		1000	110	ug/L			02/25/15 22:38	1000
Bromoform	ND		1000	190	ug/L			02/25/15 22:38	1000
Bromomethane	ND		1000	310	ug/L			02/25/15 22:38	1000
2-Butanone	ND		5000	550	ug/L			02/25/15 22:38	1000
Carbon disulfide	ND		1000	210	ug/L			02/25/15 22:38	1000
Carbon tetrachloride	ND		1000	140	ug/L			02/25/15 22:38	1000
Chlorobenzene	ND		1000	140	ug/L			02/25/15 22:38	1000
Chlorodibromomethane	ND		1000	140	ug/L			02/25/15 22:38	1000
Chloroethane	ND		1000	210	ug/L			02/25/15 22:38	1000
Chloroform	ND		1000	170	ug/L			02/25/15 22:38	1000
Chloromethane	ND		1000	280	ug/L			02/25/15 22:38	1000
cis-1,2-Dichloroethene	210000	E	1000	240	ug/L			02/25/15 22:38	1000
cis-1,3-Dichloropropene	ND		1000	190	ug/L			02/25/15 22:38	1000
Dichlorobromomethane	ND		1000	130	ug/L			02/25/15 22:38	1000
1,1-Dichloroethane	ND		1000	120	ug/L			02/25/15 22:38	1000
1,2-Dichloroethane	ND		1000	210	ug/L			02/25/15 22:38	1000
1,1-Dichloroethene	500	J	1000	300	ug/L			02/25/15 22:38	1000
1,2-Dichloropropane	ND		1000	95	ug/L			02/25/15 22:38	1000
Ethylbenzene	ND		1000	230	ug/L			02/25/15 22:38	1000
2-Hexanone	ND		5000	160	ug/L			02/25/15 22:38	1000
Methylene Chloride	290	J	1000	130	ug/L			02/25/15 22:38	1000
4-Methyl-2-pentanone	ND		5000	530	ug/L			02/25/15 22:38	1000
Styrene	ND		1000	97	ug/L			02/25/15 22:38	1000
1,1,2,2-Tetrachloroethane	ND	*	1000	200	ug/L			02/25/15 22:38	1000
Tetrachloroethene	ND		1000	150	ug/L			02/25/15 22:38	1000
Toluene	ND		1000	150	ug/L			02/25/15 22:38	1000
trans-1,2-Dichloroethene	320	J	1000	170	ug/L			02/25/15 22:38	1000
trans-1,3-Dichloropropene	ND		1000	150	ug/L			02/25/15 22:38	1000
1,1,1-Trichloroethane	ND		1000	290	ug/L			02/25/15 22:38	1000
1,1,2-Trichloroethane	ND		1000	200	ug/L			02/25/15 22:38	1000
Trichloroethene	2300		1000	140	ug/L			02/25/15 22:38	1000
Vinyl chloride	46000		1000	230	ug/L			02/25/15 22:38	1000
Xylenes, Total	ND		3000	490	ug/L			02/25/15 22:38	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 118		02/25/15 22:38	1000
Dibromofluoromethane (Surr)	111		70 - 128		02/25/15 22:38	1000
1,2-Dichloroethane-d4 (Surr)	110		64 - 135		02/25/15 22:38	1000
Toluene-d8 (Surr)	105		71 - 118		02/25/15 22:38	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50000	25000	ug/L			02/23/15 21:09	10000
Benzene	ND		10000	1100	ug/L			02/23/15 21:09	10000
Bromoform	ND		10000	1900	ug/L			02/23/15 21:09	10000
Bromomethane	ND		10000	3100	ug/L			02/23/15 21:09	10000
2-Butanone	ND		50000	5500	ug/L			02/23/15 21:09	10000
Carbon disulfide	ND		10000	2100	ug/L			02/23/15 21:09	10000
Carbon tetrachloride	ND		10000	1400	ug/L			02/23/15 21:09	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: MW2

Lab Sample ID: 180-41328-1

Date Collected: 02/16/15 07:00

Matrix: Water

Date Received: 02/18/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10000	1400	ug/L			02/23/15 21:09	10000
Chlorodibromomethane	ND		10000	1400	ug/L			02/23/15 21:09	10000
Chloroethane	ND		10000	2100	ug/L			02/23/15 21:09	10000
Chloroform	ND		10000	1700	ug/L			02/23/15 21:09	10000
Chloromethane	ND		10000	2800	ug/L			02/23/15 21:09	10000
cis-1,2-Dichloroethene	270000		10000	2400	ug/L			02/23/15 21:09	10000
cis-1,3-Dichloropropene	ND		10000	1900	ug/L			02/23/15 21:09	10000
Dichlorobromomethane	ND		10000	1300	ug/L			02/23/15 21:09	10000
1,1-Dichloroethane	ND		10000	1200	ug/L			02/23/15 21:09	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			02/23/15 21:09	10000
1,1-Dichloroethene	ND		10000	3000	ug/L			02/23/15 21:09	10000
1,2-Dichloropropane	ND		10000	950	ug/L			02/23/15 21:09	10000
Ethylbenzene	ND		10000	2300	ug/L			02/23/15 21:09	10000
2-Hexanone	ND		50000	1600	ug/L			02/23/15 21:09	10000
Methylene Chloride	ND		10000	1300	ug/L			02/23/15 21:09	10000
4-Methyl-2-pentanone	ND		50000	5300	ug/L			02/23/15 21:09	10000
Styrene	ND		10000	970	ug/L			02/23/15 21:09	10000
1,1,2,2-Tetrachloroethane	ND		10000	2000	ug/L			02/23/15 21:09	10000
Tetrachloroethene	ND		10000	1500	ug/L			02/23/15 21:09	10000
Toluene	ND		10000	1500	ug/L			02/23/15 21:09	10000
trans-1,2-Dichloroethene	ND		10000	1700	ug/L			02/23/15 21:09	10000
trans-1,3-Dichloropropene	ND *		10000	1500	ug/L			02/23/15 21:09	10000
1,1,1-Trichloroethane	ND *		10000	2900	ug/L			02/23/15 21:09	10000
1,1,2-Trichloroethane	ND		10000	2000	ug/L			02/23/15 21:09	10000
Trichloroethene	2300 J		10000	1400	ug/L			02/23/15 21:09	10000
Vinyl chloride	48000		10000	2300	ug/L			02/23/15 21:09	10000
Xylenes, Total	ND		30000	4900	ug/L			02/23/15 21:09	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 118		02/23/15 21:09	10000
Dibromofluoromethane (Surr)	120		70 - 128		02/23/15 21:09	10000
1,2-Dichloroethane-d4 (Surr)	109		64 - 135		02/23/15 21:09	10000
Toluene-d8 (Surr)	105		71 - 118		02/23/15 21:09	10000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: MW14

Lab Sample ID: 180-41328-2

Date Collected: 02/16/15 08:00

Matrix: Water

Date Received: 02/18/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500	1300	ug/L			02/23/15 21:33	500
Benzene	ND		500	53	ug/L			02/23/15 21:33	500
Bromoform	ND		500	96	ug/L			02/23/15 21:33	500
Bromomethane	ND		500	160	ug/L			02/23/15 21:33	500
2-Butanone	ND		2500	270	ug/L			02/23/15 21:33	500
Carbon disulfide	ND		500	110	ug/L			02/23/15 21:33	500
Carbon tetrachloride	ND		500	68	ug/L			02/23/15 21:33	500
Chlorobenzene	ND		500	68	ug/L			02/23/15 21:33	500
Chlorodibromomethane	ND		500	68	ug/L			02/23/15 21:33	500
Chloroethane	ND		500	110	ug/L			02/23/15 21:33	500
Chloroform	ND		500	85	ug/L			02/23/15 21:33	500
Chloromethane	ND		500	140	ug/L			02/23/15 21:33	500
cis-1,2-Dichloroethene	3300		500	120	ug/L			02/23/15 21:33	500
cis-1,3-Dichloropropene	ND		500	93	ug/L			02/23/15 21:33	500
Dichlorobromomethane	ND		500	65	ug/L			02/23/15 21:33	500
1,1-Dichloroethane	ND		500	58	ug/L			02/23/15 21:33	500
1,2-Dichloroethane	ND		500	110	ug/L			02/23/15 21:33	500
1,1,1-Dichloroethene	ND		500	150	ug/L			02/23/15 21:33	500
1,2-Dichloropropane	ND		500	47	ug/L			02/23/15 21:33	500
Ethylbenzene	ND		500	110	ug/L			02/23/15 21:33	500
2-Hexanone	ND		2500	80	ug/L			02/23/15 21:33	500
Methylene Chloride	ND		500	63	ug/L			02/23/15 21:33	500
4-Methyl-2-pentanone	ND		2500	260	ug/L			02/23/15 21:33	500
Styrene	ND		500	48	ug/L			02/23/15 21:33	500
1,1,2,2-Tetrachloroethane	ND		500	100	ug/L			02/23/15 21:33	500
Tetrachloroethene	ND		500	74	ug/L			02/23/15 21:33	500
Toluene	ND		500	75	ug/L			02/23/15 21:33	500
trans-1,2-Dichloroethene	ND		500	85	ug/L			02/23/15 21:33	500
trans-1,3-Dichloropropene	ND *		500	74	ug/L			02/23/15 21:33	500
1,1,1-Trichloroethane	ND *		500	140	ug/L			02/23/15 21:33	500
1,1,2-Trichloroethane	ND		500	100	ug/L			02/23/15 21:33	500
Trichloroethene	13000		500	72	ug/L			02/23/15 21:33	500
Vinyl chloride	ND		500	110	ug/L			02/23/15 21:33	500
Xylenes, Total	ND		1500	240	ug/L			02/23/15 21:33	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 118		02/23/15 21:33	500
Dibromofluoromethane (Surr)	127		70 - 128		02/23/15 21:33	500
1,2-Dichloroethane-d4 (Surr)	114		64 - 135		02/23/15 21:33	500
Toluene-d8 (Surr)	98		71 - 118		02/23/15 21:33	500

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-41328-3

Date Collected: 02/16/15 09:30

Matrix: Water

Date Received: 02/18/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.2	J	5.0	2.5	ug/L			02/25/15 13:27	1
Benzene	ND		1.0	0.11	ug/L			02/25/15 13:27	1
Bromoform	2.0		1.0	0.19	ug/L			02/25/15 13:27	1
Bromomethane	ND		1.0	0.31	ug/L			02/25/15 13:27	1
2-Butanone	ND		5.0	0.55	ug/L			02/25/15 13:27	1
Carbon disulfide	ND		1.0	0.21	ug/L			02/25/15 13:27	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			02/25/15 13:27	1
Chlorobenzene	ND		1.0	0.14	ug/L			02/25/15 13:27	1
Chlorodibromomethane	1.3		1.0	0.14	ug/L			02/25/15 13:27	1
Chloroethane	ND		1.0	0.21	ug/L			02/25/15 13:27	1
Chloroform	0.21	J	1.0	0.17	ug/L			02/25/15 13:27	1
Chloromethane	ND		1.0	0.28	ug/L			02/25/15 13:27	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			02/25/15 13:27	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/25/15 13:27	1
Dichlorobromomethane	0.56	J	1.0	0.13	ug/L			02/25/15 13:27	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			02/25/15 13:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/15 13:27	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/25/15 13:27	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			02/25/15 13:27	1
Ethylbenzene	ND		1.0	0.23	ug/L			02/25/15 13:27	1
2-Hexanone	ND		5.0	0.16	ug/L			02/25/15 13:27	1
Methylene Chloride	ND		1.0	0.13	ug/L			02/25/15 13:27	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			02/25/15 13:27	1
Styrene	ND		1.0	0.097	ug/L			02/25/15 13:27	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			02/25/15 13:27	1
Tetrachloroethene	ND		1.0	0.15	ug/L			02/25/15 13:27	1
Toluene	ND		1.0	0.15	ug/L			02/25/15 13:27	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/25/15 13:27	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			02/25/15 13:27	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			02/25/15 13:27	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/25/15 13:27	1
Trichloroethene	0.60	J	1.0	0.14	ug/L			02/25/15 13:27	1
Vinyl chloride	ND		1.0	0.23	ug/L			02/25/15 13:27	1
Xylenes, Total	ND		3.0	0.49	ug/L			02/25/15 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 118		02/25/15 13:27	1
Dibromofluoromethane (Surr)	100		70 - 128		02/25/15 13:27	1
1,2-Dichloroethane-d4 (Surr)	107		64 - 135		02/25/15 13:27	1
Toluene-d8 (Surr)	104		71 - 118		02/25/15 13:27	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		02/19/15 08:42	02/20/15 14:34	1
Iron	150		100	9.5	ug/L		02/19/15 08:42	02/20/15 09:11	1
Zinc	760		20	1.0	ug/L		02/19/15 08:42	02/20/15 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.8	J	5.5	1.6	mg/L		02/18/15 15:32	02/18/15 15:32	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-41328-3

Date Collected: 02/16/15 09:30

Matrix: Water

Date Received: 02/18/15 10:45

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.12	HF	0.100	0.100	SU	—		02/19/15 14:00	1

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-41328-4

Date Collected: 02/16/15 00:00

Matrix: Water

Date Received: 02/18/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.6	J	5.0	2.5	ug/L			02/25/15 13:51	1
Benzene	ND		1.0	0.11	ug/L			02/25/15 13:51	1
Bromoform	ND		1.0	0.19	ug/L			02/25/15 13:51	1
Bromomethane	ND		1.0	0.31	ug/L			02/25/15 13:51	1
2-Butanone	ND		5.0	0.55	ug/L			02/25/15 13:51	1
Carbon disulfide	ND		1.0	0.21	ug/L			02/25/15 13:51	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			02/25/15 13:51	1
Chlorobenzene	ND		1.0	0.14	ug/L			02/25/15 13:51	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			02/25/15 13:51	1
Chloroethane	ND		1.0	0.21	ug/L			02/25/15 13:51	1
Chloroform	ND		1.0	0.17	ug/L			02/25/15 13:51	1
Chloromethane	ND		1.0	0.28	ug/L			02/25/15 13:51	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			02/25/15 13:51	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/25/15 13:51	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			02/25/15 13:51	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			02/25/15 13:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/15 13:51	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/25/15 13:51	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			02/25/15 13:51	1
Ethylbenzene	ND		1.0	0.23	ug/L			02/25/15 13:51	1
2-Hexanone	ND		5.0	0.16	ug/L			02/25/15 13:51	1
Methylene Chloride	0.50	J	1.0	0.13	ug/L			02/25/15 13:51	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			02/25/15 13:51	1
Styrene	ND		1.0	0.097	ug/L			02/25/15 13:51	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.20	ug/L			02/25/15 13:51	1
Tetrachloroethene	ND		1.0	0.15	ug/L			02/25/15 13:51	1
Toluene	ND		1.0	0.15	ug/L			02/25/15 13:51	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/25/15 13:51	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			02/25/15 13:51	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			02/25/15 13:51	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/25/15 13:51	1
Trichloroethene	3.4		1.0	0.14	ug/L			02/25/15 13:51	1
Vinyl chloride	ND		1.0	0.23	ug/L			02/25/15 13:51	1
Xylenes, Total	ND		3.0	0.49	ug/L			02/25/15 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 118		02/25/15 13:51	1
Dibromofluoromethane (Surr)	100		70 - 128		02/25/15 13:51	1
1,2-Dichloroethane-d4 (Surr)	110		64 - 135		02/25/15 13:51	1
Toluene-d8 (Surr)	106		71 - 118		02/25/15 13:51	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: MB 180-134000/8

Matrix: Water

Analysis Batch: 134000

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			02/23/15 12:40	1
Benzene	ND		1.0	0.11	ug/L			02/23/15 12:40	1
Bromoform	ND		1.0	0.19	ug/L			02/23/15 12:40	1
Bromomethane	ND		1.0	0.31	ug/L			02/23/15 12:40	1
2-Butanone	ND		5.0	0.55	ug/L			02/23/15 12:40	1
Carbon disulfide	ND		1.0	0.21	ug/L			02/23/15 12:40	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			02/23/15 12:40	1
Chlorobenzene	ND		1.0	0.14	ug/L			02/23/15 12:40	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			02/23/15 12:40	1
Chloroethane	ND		1.0	0.21	ug/L			02/23/15 12:40	1
Chloroform	ND		1.0	0.17	ug/L			02/23/15 12:40	1
Chloromethane	ND		1.0	0.28	ug/L			02/23/15 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			02/23/15 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/23/15 12:40	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			02/23/15 12:40	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			02/23/15 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/23/15 12:40	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/23/15 12:40	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			02/23/15 12:40	1
Ethylbenzene	ND		1.0	0.23	ug/L			02/23/15 12:40	1
2-Hexanone	ND		5.0	0.16	ug/L			02/23/15 12:40	1
Methylene Chloride	ND		1.0	0.13	ug/L			02/23/15 12:40	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			02/23/15 12:40	1
Styrene	ND		1.0	0.097	ug/L			02/23/15 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			02/23/15 12:40	1
Tetrachloroethene	ND		1.0	0.15	ug/L			02/23/15 12:40	1
Toluene	ND		1.0	0.15	ug/L			02/23/15 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/23/15 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			02/23/15 12:40	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			02/23/15 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/23/15 12:40	1
Trichloroethene	ND		1.0	0.14	ug/L			02/23/15 12:40	1
Vinyl chloride	ND		1.0	0.23	ug/L			02/23/15 12:40	1
Xylenes, Total	ND		3.0	0.49	ug/L			02/23/15 12:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 118		02/23/15 12:40	1
Dibromofluoromethane (Surr)	112		70 - 128		02/23/15 12:40	1
1,2-Dichloroethane-d4 (Surr)	103		64 - 135		02/23/15 12:40	1
Toluene-d8 (Surr)	100		71 - 118		02/23/15 12:40	1

Lab Sample ID: LCS 180-134000/10

Matrix: Water

Analysis Batch: 134000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.3		ug/L		82	22 - 150
Benzene	10.0	11.0		ug/L		110	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: LCS 180-134000/10

Matrix: Water

Analysis Batch: 134000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	10.5		ug/L		105	46 - 150
Bromomethane	10.0	11.7		ug/L		117	33 - 150
2-Butanone	20.0	15.2		ug/L		76	39 - 138
Carbon disulfide	10.0	10.9		ug/L		109	54 - 132
Carbon tetrachloride	10.0	14.2		ug/L		142	55 - 150
Chlorobenzene	10.0	11.4		ug/L		114	80 - 120
Chlorodibromomethane	10.0	12.0		ug/L		120	60 - 140
Chloroethane	10.0	10.6		ug/L		106	36 - 142
Chloroform	10.0	11.3		ug/L		113	72 - 127
Chloromethane	10.0	8.72		ug/L		87	50 - 139
cis-1,2-Dichloroethene	10.0	11.1		ug/L		111	70 - 120
cis-1,3-Dichloropropene	10.0	12.0		ug/L		120	66 - 120
Dichlorobromomethane	10.0	11.4		ug/L		114	66 - 130
1,1-Dichloroethane	10.0	10.9		ug/L		109	73 - 126
1,2-Dichloroethane	10.0	10.7		ug/L		107	68 - 132
1,1-Dichloroethene	10.0	10.3		ug/L		103	65 - 136
1,2-Dichloropropane	10.0	9.92		ug/L		99	76 - 124
Ethylbenzene	10.0	11.2		ug/L		112	72 - 126
2-Hexanone	20.0	14.7		ug/L		74	25 - 132
Methylene Chloride	10.0	10.5		ug/L		105	63 - 129
4-Methyl-2-pentanone	20.0	17.9		ug/L		90	45 - 145
Styrene	10.0	10.2		ug/L		102	71 - 127
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	62 - 125
Tetrachloroethene	10.0	11.0		ug/L		110	70 - 135
Toluene	10.0	11.3		ug/L		113	80 - 123
trans-1,2-Dichloroethene	10.0	11.6		ug/L		116	73 - 126
trans-1,3-Dichloropropene	10.0	13.4	*	ug/L		134	65 - 125
1,1,1-Trichloroethane	10.0	13.7	*	ug/L		137	63 - 133
1,1,2-Trichloroethane	10.0	11.3		ug/L		113	77 - 127
Trichloroethene	10.0	11.6		ug/L		116	73 - 120
Vinyl chloride	10.0	9.92		ug/L		99	53 - 138
Xylenes, Total	20.0	21.6		ug/L		108	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 118
Dibromofluoromethane (Surr)	98		70 - 128
1,2-Dichloroethane-d4 (Surr)	89		64 - 135
Toluene-d8 (Surr)	95		71 - 118

Lab Sample ID: MB 180-134175/10

Matrix: Water

Analysis Batch: 134175

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			02/25/15 12:49	1
Benzene	ND		1.0	0.11	ug/L			02/25/15 12:49	1
Bromoform	ND		1.0	0.19	ug/L			02/25/15 12:49	1
Bromomethane	ND		1.0	0.31	ug/L			02/25/15 12:49	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: MB 180-134175/10

Matrix: Water

Analysis Batch: 134175

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		5.0	0.55	ug/L			02/25/15 12:49	1
Carbon disulfide	ND		1.0	0.21	ug/L			02/25/15 12:49	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			02/25/15 12:49	1
Chlorobenzene	ND		1.0	0.14	ug/L			02/25/15 12:49	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			02/25/15 12:49	1
Chloroethane	ND		1.0	0.21	ug/L			02/25/15 12:49	1
Chloroform	ND		1.0	0.17	ug/L			02/25/15 12:49	1
Chloromethane	ND		1.0	0.28	ug/L			02/25/15 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			02/25/15 12:49	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/25/15 12:49	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			02/25/15 12:49	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			02/25/15 12:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/15 12:49	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/25/15 12:49	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			02/25/15 12:49	1
Ethylbenzene	ND		1.0	0.23	ug/L			02/25/15 12:49	1
2-Hexanone	ND		5.0	0.16	ug/L			02/25/15 12:49	1
Methylene Chloride	ND		1.0	0.13	ug/L			02/25/15 12:49	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			02/25/15 12:49	1
Styrene	ND		1.0	0.097	ug/L			02/25/15 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			02/25/15 12:49	1
Tetrachloroethene	ND		1.0	0.15	ug/L			02/25/15 12:49	1
Toluene	ND		1.0	0.15	ug/L			02/25/15 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/25/15 12:49	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			02/25/15 12:49	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			02/25/15 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/25/15 12:49	1
Trichloroethene	ND		1.0	0.14	ug/L			02/25/15 12:49	1
Vinyl chloride	ND		1.0	0.23	ug/L			02/25/15 12:49	1
Xylenes, Total	ND		3.0	0.49	ug/L			02/25/15 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 118		02/25/15 12:49	1
Dibromofluoromethane (Surr)	101		70 - 128		02/25/15 12:49	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 135		02/25/15 12:49	1
Toluene-d8 (Surr)	106		71 - 118		02/25/15 12:49	1

Lab Sample ID: LCS 180-134175/13

Matrix: Water

Analysis Batch: 134175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	25.9		ug/L		129	22 - 150
Benzene	10.0	10.4		ug/L		104	80 - 120
Bromoform	10.0	10.7		ug/L		107	46 - 150
Bromomethane	10.0	7.91		ug/L		79	33 - 150
2-Butanone	20.0	26.3		ug/L		131	39 - 138
Carbon disulfide	10.0	8.29		ug/L		83	54 - 132

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: LCS 180-134175/13

Matrix: Water

Analysis Batch: 134175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	10.0	7.85		ug/L		78	55 - 150
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120
Chlorodibromomethane	10.0	9.73		ug/L		97	60 - 140
Chloroethane	10.0	9.44		ug/L		94	36 - 142
Chloroform	10.0	9.77		ug/L		98	72 - 127
Chloromethane	10.0	9.24		ug/L		92	50 - 139
cis-1,2-Dichloroethene	10.0	9.82		ug/L		98	70 - 120
cis-1,3-Dichloropropene	10.0	9.01		ug/L		90	66 - 120
Dichlorobromomethane	10.0	9.38		ug/L		94	66 - 130
1,1-Dichloroethane	10.0	9.45		ug/L		94	73 - 126
1,2-Dichloroethane	10.0	11.4		ug/L		114	68 - 132
1,1-Dichloroethene	10.0	10.1		ug/L		101	65 - 136
1,2-Dichloropropane	10.0	9.71		ug/L		97	76 - 124
Ethylbenzene	10.0	9.92		ug/L		99	72 - 126
2-Hexanone	20.0	23.4		ug/L		117	25 - 132
Methylene Chloride	10.0	9.06		ug/L		91	63 - 129
4-Methyl-2-pentanone	20.0	21.7		ug/L		108	45 - 145
Styrene	10.0	10.1		ug/L		101	71 - 127
1,1,2,2-Tetrachloroethane	10.0	13.4	*	ug/L		134	62 - 125
Tetrachloroethene	10.0	10.4		ug/L		104	70 - 135
Toluene	10.0	11.2		ug/L		112	80 - 123
trans-1,2-Dichloroethene	10.0	9.66		ug/L		97	73 - 126
trans-1,3-Dichloropropene	10.0	9.61		ug/L		96	65 - 125
1,1,1-Trichloroethane	10.0	8.83		ug/L		88	63 - 133
1,1,2-Trichloroethane	10.0	12.2		ug/L		122	77 - 127
Trichloroethene	10.0	9.81		ug/L		98	73 - 120
Vinyl chloride	10.0	10.1		ug/L		101	53 - 138
Xylenes, Total	20.0	19.8		ug/L		99	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 118
Dibromofluoromethane (Surr)	103		70 - 128
1,2-Dichloroethane-d4 (Surr)	112		64 - 135
Toluene-d8 (Surr)	107		71 - 118

Lab Sample ID: 180-41328-3 MS

Matrix: Water

Analysis Batch: 134175

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	4.2	J	20.0	26.4		ug/L		111	22 - 150
Benzene	ND		10.0	9.96		ug/L		100	80 - 120
Bromoform	2.0		10.0	13.8		ug/L		117	46 - 150
Bromomethane	ND		10.0	6.95		ug/L		70	33 - 150
2-Butanone	ND		20.0	25.4		ug/L		127	39 - 138
Carbon disulfide	ND		10.0	7.36		ug/L		74	54 - 132
Carbon tetrachloride	ND		10.0	7.31		ug/L		73	55 - 150
Chlorobenzene	ND		10.0	11.0		ug/L		110	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: 180-41328-3 MS

Matrix: Water

Analysis Batch: 134175

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	1.3		10.0	12.2		ug/L		109	60 - 140
Chloroethane	ND		10.0	8.28		ug/L		83	36 - 142
Chloroform	0.21	J	10.0	9.46		ug/L		93	72 - 127
Chloromethane	ND		10.0	8.64		ug/L		86	50 - 139
cis-1,2-Dichloroethene	ND		10.0	9.19		ug/L		92	70 - 120
cis-1,3-Dichloropropene	ND		10.0	8.69		ug/L		87	66 - 120
Dichlorobromomethane	0.56	J	10.0	9.58		ug/L		90	66 - 130
1,1-Dichloroethane	ND		10.0	8.83		ug/L		88	73 - 126
1,2-Dichloroethane	ND		10.0	11.2		ug/L		112	68 - 132
1,1-Dichloroethene	ND		10.0	9.36		ug/L		94	65 - 136
1,2-Dichloropropane	ND		10.0	9.37		ug/L		94	76 - 124
Ethylbenzene	ND		10.0	10.2		ug/L		102	72 - 126
2-Hexanone	ND		20.0	26.1		ug/L		131	25 - 132
Methylene Chloride	ND		10.0	8.41		ug/L		84	63 - 129
4-Methyl-2-pentanone	ND		20.0	22.7		ug/L		114	45 - 145
Styrene	ND		10.0	10.3		ug/L		103	71 - 127
1,1,2,2-Tetrachloroethane	ND		10.0	13.6	F1	ug/L		136	62 - 125
Tetrachloroethene	ND		10.0	10.5		ug/L		105	70 - 135
Toluene	ND		10.0	11.2		ug/L		112	80 - 123
trans-1,2-Dichloroethene	ND		10.0	9.37		ug/L		94	73 - 126
trans-1,3-Dichloropropene	ND		10.0	10.4		ug/L		104	65 - 125
1,1,1-Trichloroethane	ND		10.0	8.06		ug/L		81	63 - 133
1,1,2-Trichloroethane	ND		10.0	12.5		ug/L		125	77 - 127
Trichloroethene	0.60	J	10.0	10.1		ug/L		95	73 - 120
Vinyl chloride	ND		10.0	9.46		ug/L		95	53 - 138
Xylenes, Total	ND		20.0	19.7		ug/L		99	76 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 118
Dibromofluoromethane (Surr)	98		70 - 128
1,2-Dichloroethane-d4 (Surr)	108		64 - 135
Toluene-d8 (Surr)	108		71 - 118

Lab Sample ID: 180-41328-3 MSD

Matrix: Water

Analysis Batch: 134175

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	4.2	J	20.0	28.9		ug/L		123	22 - 150	9	35
Benzene	ND		10.0	10.1		ug/L		101	80 - 120	2	32
Bromoform	2.0		10.0	14.4		ug/L		123	46 - 150	4	35
Bromomethane	ND		10.0	6.57		ug/L		66	33 - 150	6	35
2-Butanone	ND		20.0	26.4		ug/L		132	39 - 138	4	35
Carbon disulfide	ND		10.0	6.98		ug/L		70	54 - 132	5	35
Carbon tetrachloride	ND		10.0	7.13		ug/L		71	55 - 150	2	35
Chlorobenzene	ND		10.0	10.9		ug/L		109	80 - 120	1	29
Chlorodibromomethane	1.3		10.0	11.8		ug/L		105	60 - 140	3	35
Chloroethane	ND		10.0	7.04		ug/L		70	36 - 142	16	35

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

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

Lab Sample ID: 180-41328-3 MSD

Matrix: Water

Analysis Batch: 134175

Client Sample ID: EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	0.21	J	10.0	9.57		ug/L		94	72 - 127	1	35
Chloromethane	ND		10.0	8.31		ug/L		83	50 - 139	4	35
cis-1,2-Dichloroethene	ND		10.0	9.48		ug/L		95	70 - 120	3	35
cis-1,3-Dichloropropene	ND		10.0	9.16		ug/L		92	66 - 120	5	35
Dichlorobromomethane	0.56	J	10.0	9.39		ug/L		88	66 - 130	2	35
1,1-Dichloroethane	ND		10.0	8.85		ug/L		88	73 - 126	0	35
1,2-Dichloroethane	ND		10.0	11.4		ug/L		114	68 - 132	2	32
1,1-Dichloroethene	ND		10.0	9.02		ug/L		90	65 - 136	4	35
1,2-Dichloropropane	ND		10.0	9.70		ug/L		97	76 - 124	3	34
Ethylbenzene	ND		10.0	9.73		ug/L		97	72 - 126	5	33
2-Hexanone	ND		20.0	26.8	F1	ug/L		134	25 - 132	2	35
Methylene Chloride	ND		10.0	8.93		ug/L		89	63 - 129	6	35
4-Methyl-2-pentanone	ND		20.0	23.5		ug/L		117	45 - 145	3	35
Styrene	ND		10.0	10.1		ug/L		101	71 - 127	2	34
1,1,2,2-Tetrachloroethane	ND		10.0	13.4	F1	ug/L		134	62 - 125	2	35
Tetrachloroethene	ND		10.0	9.47		ug/L		95	70 - 135	10	35
Toluene	ND		10.0	10.6		ug/L		106	80 - 123	6	35
trans-1,2-Dichloroethene	ND		10.0	8.80		ug/L		88	73 - 126	6	35
trans-1,3-Dichloropropene	ND		10.0	9.93		ug/L		99	65 - 125	4	35
1,1,1-Trichloroethane	ND		10.0	7.54		ug/L		75	63 - 133	7	35
1,1,2-Trichloroethane	ND		10.0	12.3		ug/L		123	77 - 127	2	35
Trichloroethene	0.60	J	10.0	9.82		ug/L		92	73 - 120	3	35
Vinyl chloride	ND		10.0	9.12		ug/L		91	53 - 138	4	35
Xylenes, Total	ND		20.0	19.6		ug/L		98	76 - 128	1	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 118
Dibromofluoromethane (Surr)	98		70 - 128
1,2-Dichloroethane-d4 (Surr)	112		64 - 135
Toluene-d8 (Surr)	108		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-133807/1-A

Matrix: Water

Analysis Batch: 133909

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 133807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	9.5	ug/L		02/19/15 08:42	02/20/15 08:36	1
Zinc	ND		20	1.0	ug/L		02/19/15 08:42	02/20/15 08:36	1

Lab Sample ID: MB 180-133807/1-A

Matrix: Water

Analysis Batch: 133965

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 133807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		02/19/15 08:42	02/20/15 14:19	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: LCS 180-133807/2-A
Matrix: Water
Analysis Batch: 133909

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 133807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	1000	1010		ug/L		101	85 - 115
Zinc	500	478		ug/L		96	85 - 115

Lab Sample ID: LCS 180-133807/2-A
Matrix: Water
Analysis Batch: 133965

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 133807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	1990		ug/L		100	85 - 115

Lab Sample ID: LCSD 180-133807/3-A
Matrix: Water
Analysis Batch: 133909

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 133807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	1000	1040		ug/L		104	85 - 115	3	20
Zinc	500	486		ug/L		97	85 - 115	2	20

Lab Sample ID: LCSD 180-133807/3-A
Matrix: Water
Analysis Batch: 133965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 133807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	2000	2020		ug/L		101	85 - 115	1	20

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-133776/1-A
Matrix: Water
Analysis Batch: 133845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		02/18/15 15:32	02/18/15 15:32	1

Lab Sample ID: LCS 180-133776/2-A
Matrix: Water
Analysis Batch: 133845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	35.4		mg/L		89	78 - 114

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-133842/1
Matrix: Water
Analysis Batch: 133842

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

GC/MS VOA

Analysis Batch: 134000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-1 - DL	MW2	Total/NA	Water	8260C	
180-41328-2	MW14	Total/NA	Water	8260C	
LCS 180-134000/10	Lab Control Sample	Total/NA	Water	8260C	
MB 180-134000/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 134175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-1	MW2	Total/NA	Water	8260C	
180-41328-3	EFFLUENT	Total/NA	Water	8260C	
180-41328-3 MS	EFFLUENT	Total/NA	Water	8260C	
180-41328-3 MSD	EFFLUENT	Total/NA	Water	8260C	
180-41328-4	TRIP BLANK	Total/NA	Water	8260C	
LCS 180-134175/13	Lab Control Sample	Total/NA	Water	8260C	
MB 180-134175/10	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 133807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-133807/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 180-133807/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
MB 180-133807/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 133909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total Recoverable	Water	200.7	133807
LCS 180-133807/2-A	Lab Control Sample	Total Recoverable	Water	200.7	133807
LCSD 180-133807/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	133807
MB 180-133807/1-A	Method Blank	Total Recoverable	Water	200.7	133807

Analysis Batch: 133965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total Recoverable	Water	200.7	133807
LCS 180-133807/2-A	Lab Control Sample	Total Recoverable	Water	200.7	133807
LCSD 180-133807/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	133807
MB 180-133807/1-A	Method Blank	Total Recoverable	Water	200.7	133807

General Chemistry

Prep Batch: 133776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total/NA	Water	1664B	
LCS 180-133776/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 180-133776/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 133842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-133842/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-41328-1

General Chemistry (Continued)

Analysis Batch: 133845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-41328-3	EFFLUENT	Total/NA	Water	1664B	133776
LCS 180-133776/2-A	Lab Control Sample	Total/NA	Water	1664B	133776
MB 180-133776/1-A	Method Blank	Total/NA	Water	1664B	133776

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

2/27/2015

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-41328-1

Login Number: 41328

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-42407-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

4/8/2015 3:24:04 PM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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results through

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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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12

13

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	9
QC Sample Results	11
QC Association Summary	14
Chain of Custody	15
Receipt Checklists	16



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Job ID: 180-42407-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-42407-1

Receipt

The sample was received on 3/26/2015 9:10 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° C.

GC/MS VOA

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

Metals

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

General Chemistry

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15 *
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	04-30-15 *
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15 *
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15 *
North Carolina (WW/SW)	State Program	4	434	12-31-15
Pennsylvania	NELAP	3	02-00416	04-30-15 *
South Carolina	State Program	4	89014	04-30-15 *
Texas	NELAP	6	T104704528	03-31-16
US Fish & Wildlife	Federal		LE94312A-1	11-30-15
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-16
Wisconsin	State Program	5	998027800	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-42407-1	EFFLUENT	Water	03/25/15 00:00	03/26/15 09:10

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
200.7	Metals (Custom List)	EPA	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

1664B = 1664B

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Client Sample ID: EFFLUENT

Date Collected: 03/25/15 00:00

Date Received: 03/26/15 09:10

Lab Sample ID: 180-42407-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	137472	04/03/15 20:14	DLF	TAL PIT
		Instrument ID: CHHP6								
Total Recoverable	Prep	200.7			50 mL	50 mL	136936	03/30/15 09:13	AB1	TAL PIT
Total Recoverable	Analysis	200.7		1	50 mL	50 mL	137669	04/06/15 20:04	RJR	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	1664B		1	900 mL	1000 mL	137243	04/01/15 09:41	NAK	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Prep	1664B			900 mL	1000 mL	137207	04/01/15 09:41	NAK	TAL PIT
Total/NA	Analysis	SM 4500 H+ B		1		50 mL	136832	03/28/15 10:41	MTW	TAL PIT
		Instrument ID: NOEQUIP								

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

AB1 = Ashwin Baikadi

NAK = Neil Klingman

Batch Type: Analysis

DLF = Donald Ferguson

MTW = Michael Wesoloski

NAK = Neil Klingman

RJR = Ron Rosenbaum

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-42407-1

Date Collected: 03/25/15 00:00

Matrix: Water

Date Received: 03/26/15 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.8		5.0	2.5	ug/L			04/03/15 20:14	1
Benzene	ND		1.0	0.11	ug/L			04/03/15 20:14	1
Bromoform	ND		1.0	0.19	ug/L			04/03/15 20:14	1
Bromomethane	ND		1.0	0.31	ug/L			04/03/15 20:14	1
2-Butanone	2.8	J	5.0	0.55	ug/L			04/03/15 20:14	1
Carbon disulfide	ND		1.0	0.21	ug/L			04/03/15 20:14	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			04/03/15 20:14	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/03/15 20:14	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			04/03/15 20:14	1
Chloroethane	ND		1.0	0.21	ug/L			04/03/15 20:14	1
Chloroform	ND		1.0	0.17	ug/L			04/03/15 20:14	1
Chloromethane	ND		1.0	0.28	ug/L			04/03/15 20:14	1
cis-1,2-Dichloroethene	2.6		1.0	0.24	ug/L			04/03/15 20:14	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			04/03/15 20:14	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			04/03/15 20:14	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			04/03/15 20:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/15 20:14	1
1,1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/03/15 20:14	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			04/03/15 20:14	1
Ethylbenzene	ND		1.0	0.23	ug/L			04/03/15 20:14	1
2-Hexanone	ND		5.0	0.16	ug/L			04/03/15 20:14	1
Methylene Chloride	ND		1.0	0.13	ug/L			04/03/15 20:14	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			04/03/15 20:14	1
Styrene	ND		1.0	0.097	ug/L			04/03/15 20:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			04/03/15 20:14	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/03/15 20:14	1
Toluene	ND		1.0	0.15	ug/L			04/03/15 20:14	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			04/03/15 20:14	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			04/03/15 20:14	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			04/03/15 20:14	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			04/03/15 20:14	1
Trichloroethene	2.9		1.0	0.14	ug/L			04/03/15 20:14	1
Vinyl chloride	ND		1.0	0.23	ug/L			04/03/15 20:14	1
Xylenes, Total	ND		3.0	0.49	ug/L			04/03/15 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 118		04/03/15 20:14	1
Dibromofluoromethane (Surr)	115		70 - 128		04/03/15 20:14	1
1,2-Dichloroethane-d4 (Surr)	128		64 - 135		04/03/15 20:14	1
Toluene-d8 (Surr)	107		71 - 118		04/03/15 20:14	1

Method: 200.7 - Metals (Custom List) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	16	ug/L		03/30/15 09:13	04/06/15 20:04	1
Iron	530		100	9.5	ug/L		03/30/15 09:13	04/06/15 20:04	1
Zinc	170		20	1.0	ug/L		03/30/15 09:13	04/06/15 20:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	3.0	J	5.6	1.7	mg/L		04/01/15 09:41	04/01/15 09:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-42407-1

Date Collected: 03/25/15 00:00

Matrix: Water

Date Received: 03/26/15 09:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.15	HF	0.100	0.100	SU	—		03/28/15 10:41	1

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

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

Lab Sample ID: MB 180-137472/6

Matrix: Water

Analysis Batch: 137472

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.5	ug/L			04/03/15 14:50	1
Benzene	ND		1.0	0.11	ug/L			04/03/15 14:50	1
Bromoform	ND		1.0	0.19	ug/L			04/03/15 14:50	1
Bromomethane	ND		1.0	0.31	ug/L			04/03/15 14:50	1
2-Butanone	ND		5.0	0.55	ug/L			04/03/15 14:50	1
Carbon disulfide	ND		1.0	0.21	ug/L			04/03/15 14:50	1
Carbon tetrachloride	ND		1.0	0.14	ug/L			04/03/15 14:50	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/03/15 14:50	1
Chlorodibromomethane	ND		1.0	0.14	ug/L			04/03/15 14:50	1
Chloroethane	ND		1.0	0.21	ug/L			04/03/15 14:50	1
Chloroform	ND		1.0	0.17	ug/L			04/03/15 14:50	1
Chloromethane	ND		1.0	0.28	ug/L			04/03/15 14:50	1
cis-1,2-Dichloroethene	ND		1.0	0.24	ug/L			04/03/15 14:50	1
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			04/03/15 14:50	1
Dichlorobromomethane	ND		1.0	0.13	ug/L			04/03/15 14:50	1
1,1-Dichloroethane	ND		1.0	0.12	ug/L			04/03/15 14:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/15 14:50	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/03/15 14:50	1
1,2-Dichloropropane	ND		1.0	0.095	ug/L			04/03/15 14:50	1
Ethylbenzene	ND		1.0	0.23	ug/L			04/03/15 14:50	1
2-Hexanone	ND		5.0	0.16	ug/L			04/03/15 14:50	1
Methylene Chloride	0.132	J	1.0	0.13	ug/L			04/03/15 14:50	1
4-Methyl-2-pentanone	ND		5.0	0.53	ug/L			04/03/15 14:50	1
Styrene	ND		1.0	0.097	ug/L			04/03/15 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			04/03/15 14:50	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/03/15 14:50	1
Toluene	ND		1.0	0.15	ug/L			04/03/15 14:50	1
trans-1,2-Dichloroethene	ND		1.0	0.17	ug/L			04/03/15 14:50	1
trans-1,3-Dichloropropene	ND		1.0	0.15	ug/L			04/03/15 14:50	1
1,1,1-Trichloroethane	ND		1.0	0.29	ug/L			04/03/15 14:50	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			04/03/15 14:50	1
Trichloroethene	ND		1.0	0.14	ug/L			04/03/15 14:50	1
Vinyl chloride	ND		1.0	0.23	ug/L			04/03/15 14:50	1
Xylenes, Total	ND		3.0	0.49	ug/L			04/03/15 14:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 118		04/03/15 14:50	1
Dibromofluoromethane (Surr)	105		70 - 128		04/03/15 14:50	1
1,2-Dichloroethane-d4 (Surr)	121		64 - 135		04/03/15 14:50	1
Toluene-d8 (Surr)	108		71 - 118		04/03/15 14:50	1

Lab Sample ID: LCS 180-137472/8

Matrix: Water

Analysis Batch: 137472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	17.0		ug/L		85	22 - 150
Benzene	10.0	8.63		ug/L		86	80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

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

Lab Sample ID: LCS 180-137472/8

Matrix: Water

Analysis Batch: 137472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	10.3		ug/L		103	46 - 150
Bromomethane	10.0	10.6		ug/L		106	33 - 150
2-Butanone	20.0	18.2		ug/L		91	39 - 138
Carbon disulfide	10.0	5.74		ug/L		57	54 - 132
Carbon tetrachloride	10.0	7.82		ug/L		78	55 - 150
Chlorobenzene	10.0	9.75		ug/L		98	80 - 120
Chlorodibromomethane	10.0	9.53		ug/L		95	60 - 140
Chloroethane	10.0	8.03		ug/L		80	36 - 142
Chloroform	10.0	8.54		ug/L		85	72 - 127
Chloromethane	10.0	6.67		ug/L		67	50 - 139
cis-1,2-Dichloroethene	10.0	7.74		ug/L		77	70 - 120
cis-1,3-Dichloropropene	10.0	8.10		ug/L		81	66 - 120
Dichlorobromomethane	10.0	8.88		ug/L		89	66 - 130
1,1-Dichloroethane	10.0	7.48		ug/L		75	73 - 126
1,2-Dichloroethane	10.0	11.0		ug/L		110	68 - 132
1,1-Dichloroethene	10.0	7.34		ug/L		73	65 - 136
1,2-Dichloropropane	10.0	8.32		ug/L		83	76 - 124
Ethylbenzene	10.0	9.21		ug/L		92	72 - 126
2-Hexanone	20.0	16.5		ug/L		83	25 - 132
Methylene Chloride	10.0	7.10		ug/L		71	63 - 129
4-Methyl-2-pentanone	20.0	14.4		ug/L		72	45 - 145
Styrene	10.0	9.91		ug/L		99	71 - 127
1,1,2,2-Tetrachloroethane	10.0	11.3		ug/L		113	62 - 125
Tetrachloroethene	10.0	10.1		ug/L		101	70 - 135
Toluene	10.0	9.61		ug/L		96	80 - 123
trans-1,2-Dichloroethene	10.0	7.56		ug/L		76	73 - 126
trans-1,3-Dichloropropene	10.0	9.52		ug/L		95	65 - 125
1,1,1-Trichloroethane	10.0	7.55		ug/L		75	63 - 133
1,1,2-Trichloroethane	10.0	11.3		ug/L		113	77 - 127
Trichloroethene	10.0	8.35		ug/L		83	73 - 120
Vinyl chloride	10.0	7.58		ug/L		76	53 - 138
Xylenes, Total	20.0	18.3		ug/L		92	76 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 118
Dibromofluoromethane (Surr)	91		70 - 128
1,2-Dichloroethane-d4 (Surr)	107		64 - 135
Toluene-d8 (Surr)	92		71 - 118

Method: 200.7 - Metals (Custom List)

Lab Sample ID: MB 180-136936/1-A

Matrix: Water

Analysis Batch: 137669

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 136936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	38.8	J	200	16	ug/L		03/30/15 09:13	04/06/15 18:33	1
Iron	ND		100	9.5	ug/L		03/30/15 09:13	04/06/15 18:33	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

Method: 200.7 - Metals (Custom List) (Continued)

Lab Sample ID: MB 180-136936/1-A

Matrix: Water

Analysis Batch: 137669

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 136936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		20	1.0	ug/L		03/30/15 09:13	04/06/15 18:33	1

Lab Sample ID: LCS 180-136936/2-A

Matrix: Water

Analysis Batch: 137669

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 136936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2070		ug/L		104	85 - 115
Iron	1000	1030		ug/L		103	85 - 115
Zinc	500	517		ug/L		103	85 - 115

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 180-137207/1-A

Matrix: Water

Analysis Batch: 137243

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		04/01/15 09:41	04/01/15 09:41	1

Lab Sample ID: LCS 180-137207/2-A

Matrix: Water

Analysis Batch: 137243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	34.1		mg/L		85	78 - 114

Lab Sample ID: LCSD 180-137207/3-A

Matrix: Water

Analysis Batch: 137243

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM (Oil & Grease)	40.0	35.0		mg/L		88	78 - 114	3	18

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-136832/1

Matrix: Water

Analysis Batch: 136832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.030		SU		100	99 - 101

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-42407-1

GC/MS VOA

Analysis Batch: 137472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total/NA	Water	8260C	
LCS 180-137472/8	Lab Control Sample	Total/NA	Water	8260C	
MB 180-137472/6	Method Blank	Total/NA	Water	8260C	

Metals

Prep Batch: 136936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total Recoverable	Water	200.7	
LCS 180-136936/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-136936/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 137669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total Recoverable	Water	200.7	136936
LCS 180-136936/2-A	Lab Control Sample	Total Recoverable	Water	200.7	136936
MB 180-136936/1-A	Method Blank	Total Recoverable	Water	200.7	136936

General Chemistry

Analysis Batch: 136832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-136832/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 137207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total/NA	Water	1664B	
LCS 180-137207/2-A	Lab Control Sample	Total/NA	Water	1664B	
LCSD 180-137207/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	
MB 180-137207/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 137243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-42407-1	EFFLUENT	Total/NA	Water	1664B	137207
LCS 180-137207/2-A	Lab Control Sample	Total/NA	Water	1664B	137207
LCSD 180-137207/3-A	Lab Control Sample Dup	Total/NA	Water	1664B	137207
MB 180-137207/1-A	Method Blank	Total/NA	Water	1664B	137207

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-42407-1

Login Number: 42407

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B2

ANALYTICAL DATA REPORTS

SEMI-ANNUAL MONITORING (OCTOBER 2014)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-38251-1

Client Project/Site: Frewsburg

For:

SGK Ventures, LLC-fka Keywell LLC

300 Falconer Road

Frewsburg, New York 14738

Attn: Patty Lundin



Authorized for release by:

11/28/2014 11:04:59 AM

David Dunlap, Senior Project Manager

(412)963-2432

dave.dunlap@testamericainc.com

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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.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	10
QC Sample Results	21
QC Association Summary	28
Chain of Custody	29
Receipt Checklists	30



Case Narrative

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Job ID: 180-38251-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-38251-1

Receipt

The samples were received on 10/30/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9° C.

Trip blanks were received, but not listed on the COC. Notation was added to the COC.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batches 260630 and 260693 recovered outside of the control limits for chloromethane and bromomethane. As the samples associated with this CCV did not have these compounds detected, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 260630 recovered outside control limits for the following analyte: trans-1,3-dichloropropene. As this analyte was biased high in the LCS and was not detected in the associated samples, the data have been reported.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW2 (180-38251-1), MW3 (180-38251-2), MW11R (180-38251-5), MW13 (180-38251-7), MW14 (180-38251-8), and MW14 DUP (180-38251-9). Elevated reporting limits (RLs) are provided.

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

Definitions/Glossary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F1	MS and/or MSD Recovery exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Laboratory: TestAmerica Pittsburgh

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-15

Laboratory: TestAmerica Edison

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-16
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-14
New Jersey	NELAP	2	12028	06-30-15
New York	NELAP	2	11452	03-31-15
Pennsylvania	NELAP	3	68-00522	02-28-15
Rhode Island	State Program	1	LAO00132	12-30-14
USDA	Federal		NJCA-003-08	04-04-17

Sample Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-38251-1	MW2	Water	10/28/14 06:45	10/30/14 08:45
180-38251-2	MW3	Water	10/28/14 06:05	10/30/14 08:45
180-38251-3	MW4	Water	10/28/14 08:15	10/30/14 08:45
180-38251-4	MW9R	Water	10/28/14 10:30	10/30/14 08:45
180-38251-5	MW11R	Water	10/28/14 09:20	10/30/14 08:45
180-38251-6	MW12	Water	10/28/14 14:15	10/30/14 08:45
180-38251-7	MW13	Water	10/28/14 11:50	10/30/14 08:45
180-38251-8	MW14	Water	10/28/14 13:30	10/30/14 08:45
180-38251-9	MW14 DUP	Water	10/28/14 13:30	10/30/14 08:45
180-38251-10	RINSE BLANK	Water	10/28/14 14:25	10/30/14 08:45
180-38251-11	TRIP BLANK	Water	10/28/14 00:00	10/30/14 08:45

Method Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI

Protocol References:

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

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW2

Date Collected: 10/28/14 06:45

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	5 mL	5 mL	260693	11/06/14 11:39	SZD	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW3

Date Collected: 10/28/14 06:05

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	5 mL	5 mL	260630	11/06/14 00:16	KLB	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW4

Date Collected: 10/28/14 08:15

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	260693	11/06/14 11:14	SZD	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW9R

Date Collected: 10/28/14 10:30

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	260693	11/06/14 10:49	SZD	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW11R

Date Collected: 10/28/14 09:20

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	5 mL	5 mL	260630	11/05/14 23:51	KLB	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW12

Date Collected: 10/28/14 14:15

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	260630	11/05/14 23:20	KLB	TAL EDI
Instrument ID: CVOAMS5										

TestAmerica Pittsburgh

Lab Chronicle

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW13

Date Collected: 10/28/14 11:50

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	5 mL	5 mL	260630	11/06/14 01:07	KLB	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW14

Date Collected: 10/28/14 13:30

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	5 mL	5 mL	260693	11/06/14 12:04	SZD	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: MW14 DUP

Date Collected: 10/28/14 13:30

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	5 mL	5 mL	260630	11/06/14 01:57	KLB	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: RINSE BLANK

Date Collected: 10/28/14 14:25

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	260630	11/05/14 22:55	KLB	TAL EDI
Instrument ID: CVOAMS5										

Client Sample ID: TRIP BLANK

Date Collected: 10/28/14 00:00

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	260630	11/05/14 22:30	KLB	TAL EDI
Instrument ID: CVOAMS5										

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Analyst References:

Lab: TAL EDI

Batch Type: Analysis

KLB = Kenneth Boykin

SZD = Saurab Desai

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW2

Date Collected: 10/28/14 06:45

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5000	2700	ug/L			11/06/14 11:39	1000
Benzene	ND		1000	80	ug/L			11/06/14 11:39	1000
Bromoform	ND		1000	190	ug/L			11/06/14 11:39	1000
Bromomethane	ND		1000	180	ug/L			11/06/14 11:39	1000
2-Butanone	ND		5000	2300	ug/L			11/06/14 11:39	1000
Carbon disulfide	ND		1000	130	ug/L			11/06/14 11:39	1000
Carbon tetrachloride	ND		1000	60	ug/L			11/06/14 11:39	1000
Chlorobenzene	ND		1000	110	ug/L			11/06/14 11:39	1000
Chlorodibromomethane	ND		1000	200	ug/L			11/06/14 11:39	1000
Chloroethane	ND		1000	170	ug/L			11/06/14 11:39	1000
Chloroform	ND		1000	80	ug/L			11/06/14 11:39	1000
Chloromethane	ND		1000	100	ug/L			11/06/14 11:39	1000
cis-1,2-Dichloroethene	290000		1000	180	ug/L			11/06/14 11:39	1000
cis-1,3-Dichloropropene	ND		1000	180	ug/L			11/06/14 11:39	1000
Dichlorobromomethane	ND		1000	120	ug/L			11/06/14 11:39	1000
1,1-Dichloroethane	ND		1000	130	ug/L			11/06/14 11:39	1000
1,2-Dichloroethane	ND		1000	190	ug/L			11/06/14 11:39	1000
1,1-Dichloroethene	850	J	1000	90	ug/L			11/06/14 11:39	1000
1,2-Dichloropropane	ND		1000	90	ug/L			11/06/14 11:39	1000
Ethylbenzene	ND		1000	100	ug/L			11/06/14 11:39	1000
2-Hexanone	ND		5000	500	ug/L			11/06/14 11:39	1000
Methylene Chloride	ND		1000	180	ug/L			11/06/14 11:39	1000
4-Methyl-2-pentanone	ND		5000	990	ug/L			11/06/14 11:39	1000
Styrene	ND		1000	120	ug/L			11/06/14 11:39	1000
1,1,2,2-Tetrachloroethane	ND		1000	160	ug/L			11/06/14 11:39	1000
Tetrachloroethene	ND		1000	100	ug/L			11/06/14 11:39	1000
Toluene	ND		1000	150	ug/L			11/06/14 11:39	1000
trans-1,2-Dichloroethene	580	J	1000	130	ug/L			11/06/14 11:39	1000
trans-1,3-Dichloropropene	ND		1000	240	ug/L			11/06/14 11:39	1000
1,1,1-Trichloroethane	ND		1000	60	ug/L			11/06/14 11:39	1000
1,1,2-Trichloroethane	ND		1000	190	ug/L			11/06/14 11:39	1000
Trichloroethene	590	J	1000	90	ug/L			11/06/14 11:39	1000
Vinyl chloride	57000		1000	140	ug/L			11/06/14 11:39	1000
Xylenes, Total	ND		3000	130	ug/L			11/06/14 11:39	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		11/06/14 11:39	1000
Dibromofluoromethane (Surr)	90		70 - 130		11/06/14 11:39	1000
1,2-Dichloroethane-d4 (Surr)	87		70 - 130		11/06/14 11:39	1000
Toluene-d8 (Surr)	86		70 - 130		11/06/14 11:39	1000

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW3

Date Collected: 10/28/14 06:05

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	27	ug/L			11/06/14 00:16	10
Benzene	ND		10	0.80	ug/L			11/06/14 00:16	10
Bromoform	ND		10	1.9	ug/L			11/06/14 00:16	10
Bromomethane	ND		10	1.8	ug/L			11/06/14 00:16	10
2-Butanone	ND		50	23	ug/L			11/06/14 00:16	10
Carbon disulfide	ND		10	1.3	ug/L			11/06/14 00:16	10
Carbon tetrachloride	ND		10	0.60	ug/L			11/06/14 00:16	10
Chlorobenzene	ND		10	1.1	ug/L			11/06/14 00:16	10
Chlorodibromomethane	ND		10	2.0	ug/L			11/06/14 00:16	10
Chloroethane	ND		10	1.7	ug/L			11/06/14 00:16	10
Chloroform	ND		10	0.80	ug/L			11/06/14 00:16	10
Chloromethane	ND		10	1.0	ug/L			11/06/14 00:16	10
cis-1,2-Dichloroethene	640		10	1.8	ug/L			11/06/14 00:16	10
cis-1,3-Dichloropropene	ND		10	1.8	ug/L			11/06/14 00:16	10
Dichlorobromomethane	ND		10	1.2	ug/L			11/06/14 00:16	10
1,1-Dichloroethane	ND		10	1.3	ug/L			11/06/14 00:16	10
1,2-Dichloroethane	ND		10	1.9	ug/L			11/06/14 00:16	10
1,1-Dichloroethene	2.9 J		10	0.90	ug/L			11/06/14 00:16	10
1,2-Dichloropropane	ND		10	0.90	ug/L			11/06/14 00:16	10
Ethylbenzene	ND		10	1.0	ug/L			11/06/14 00:16	10
2-Hexanone	ND		50	5.0	ug/L			11/06/14 00:16	10
Methylene Chloride	ND		10	1.8	ug/L			11/06/14 00:16	10
4-Methyl-2-pentanone	ND		50	9.9	ug/L			11/06/14 00:16	10
Styrene	ND		10	1.2	ug/L			11/06/14 00:16	10
1,1,2,2-Tetrachloroethane	ND		10	1.6	ug/L			11/06/14 00:16	10
Tetrachloroethene	ND		10	1.0	ug/L			11/06/14 00:16	10
Toluene	ND		10	1.5	ug/L			11/06/14 00:16	10
trans-1,2-Dichloroethene	4.8 J		10	1.3	ug/L			11/06/14 00:16	10
trans-1,3-Dichloropropene	ND *		10	2.4	ug/L			11/06/14 00:16	10
1,1,1-Trichloroethane	ND		10	0.60	ug/L			11/06/14 00:16	10
1,1,2-Trichloroethane	ND		10	1.9	ug/L			11/06/14 00:16	10
Trichloroethene	1800		10	0.90	ug/L			11/06/14 00:16	10
Vinyl chloride	ND		10	1.4	ug/L			11/06/14 00:16	10
Xylenes, Total	ND		30	1.3	ug/L			11/06/14 00:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		11/06/14 00:16	10
Dibromofluoromethane (Surr)	88		70 - 130		11/06/14 00:16	10
1,2-Dichloroethane-d4 (Surr)	88		70 - 130		11/06/14 00:16	10
Toluene-d8 (Surr)	84		70 - 130		11/06/14 00:16	10

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW4

Lab Sample ID: 180-38251-3

Date Collected: 10/28/14 08:15

Matrix: Water

Date Received: 10/30/14 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/06/14 11:14	1
Benzene	ND		1.0	0.080	ug/L			11/06/14 11:14	1
Bromoform	ND		1.0	0.19	ug/L			11/06/14 11:14	1
Bromomethane	ND		1.0	0.18	ug/L			11/06/14 11:14	1
2-Butanone	ND		5.0	2.3	ug/L			11/06/14 11:14	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/06/14 11:14	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/06/14 11:14	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/06/14 11:14	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/06/14 11:14	1
Chloroethane	ND		1.0	0.17	ug/L			11/06/14 11:14	1
Chloroform	ND		1.0	0.080	ug/L			11/06/14 11:14	1
Chloromethane	ND		1.0	0.10	ug/L			11/06/14 11:14	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/06/14 11:14	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/06/14 11:14	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/06/14 11:14	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/06/14 11:14	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/06/14 11:14	1
1,1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/06/14 11:14	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/06/14 11:14	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/06/14 11:14	1
2-Hexanone	ND		5.0	0.50	ug/L			11/06/14 11:14	1
Methylene Chloride	ND		1.0	0.18	ug/L			11/06/14 11:14	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/06/14 11:14	1
Styrene	ND		1.0	0.12	ug/L			11/06/14 11:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/06/14 11:14	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/06/14 11:14	1
Toluene	ND		1.0	0.15	ug/L			11/06/14 11:14	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/06/14 11:14	1
trans-1,3-Dichloropropene	ND		1.0	0.24	ug/L			11/06/14 11:14	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/06/14 11:14	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/06/14 11:14	1
Trichloroethene	0.45	J	1.0	0.090	ug/L			11/06/14 11:14	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/06/14 11:14	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/06/14 11:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	125		70 - 130		11/06/14 11:14	1
Dibromofluoromethane (Surr)	110		70 - 130		11/06/14 11:14	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		11/06/14 11:14	1
Toluene-d8 (Surr)	101		70 - 130		11/06/14 11:14	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW9R

Date Collected: 10/28/14 10:30

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	65		5.0	2.7	ug/L			11/06/14 10:49	1
Benzene	0.089	J	1.0	0.080	ug/L			11/06/14 10:49	1
Bromoform	ND		1.0	0.19	ug/L			11/06/14 10:49	1
Bromomethane	ND		1.0	0.18	ug/L			11/06/14 10:49	1
2-Butanone	9.6		5.0	2.3	ug/L			11/06/14 10:49	1
Carbon disulfide	3.0		1.0	0.13	ug/L			11/06/14 10:49	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/06/14 10:49	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/06/14 10:49	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/06/14 10:49	1
Chloroethane	ND		1.0	0.17	ug/L			11/06/14 10:49	1
Chloroform	ND		1.0	0.080	ug/L			11/06/14 10:49	1
Chloromethane	ND		1.0	0.10	ug/L			11/06/14 10:49	1
cis-1,2-Dichloroethene	10		1.0	0.18	ug/L			11/06/14 10:49	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/06/14 10:49	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/06/14 10:49	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/06/14 10:49	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/06/14 10:49	1
1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/06/14 10:49	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/06/14 10:49	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/06/14 10:49	1
2-Hexanone	1.2	J	5.0	0.50	ug/L			11/06/14 10:49	1
Methylene Chloride	ND		1.0	0.18	ug/L			11/06/14 10:49	1
4-Methyl-2-pentanone	7.0		5.0	0.99	ug/L			11/06/14 10:49	1
Styrene	ND		1.0	0.12	ug/L			11/06/14 10:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/06/14 10:49	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/06/14 10:49	1
Toluene	ND		1.0	0.15	ug/L			11/06/14 10:49	1
trans-1,2-Dichloroethene	2.0		1.0	0.13	ug/L			11/06/14 10:49	1
trans-1,3-Dichloropropene	ND		1.0	0.24	ug/L			11/06/14 10:49	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/06/14 10:49	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/06/14 10:49	1
Trichloroethene	1.8		1.0	0.090	ug/L			11/06/14 10:49	1
Vinyl chloride	4.9		1.0	0.14	ug/L			11/06/14 10:49	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/06/14 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		11/06/14 10:49	1
Dibromofluoromethane (Surr)	87		70 - 130		11/06/14 10:49	1
1,2-Dichloroethane-d4 (Surr)	87		70 - 130		11/06/14 10:49	1
Toluene-d8 (Surr)	85		70 - 130		11/06/14 10:49	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW11R

Date Collected: 10/28/14 09:20

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	13	ug/L			11/05/14 23:51	5
Benzene	ND		5.0	0.40	ug/L			11/05/14 23:51	5
Bromoform	ND		5.0	0.95	ug/L			11/05/14 23:51	5
Bromomethane	ND		5.0	0.90	ug/L			11/05/14 23:51	5
2-Butanone	ND		25	12	ug/L			11/05/14 23:51	5
Carbon disulfide	ND		5.0	0.65	ug/L			11/05/14 23:51	5
Carbon tetrachloride	ND		5.0	0.30	ug/L			11/05/14 23:51	5
Chlorobenzene	ND		5.0	0.55	ug/L			11/05/14 23:51	5
Chlorodibromomethane	ND		5.0	1.0	ug/L			11/05/14 23:51	5
Chloroethane	ND		5.0	0.85	ug/L			11/05/14 23:51	5
Chloroform	ND		5.0	0.40	ug/L			11/05/14 23:51	5
Chloromethane	ND		5.0	0.50	ug/L			11/05/14 23:51	5
cis-1,2-Dichloroethene	580		5.0	0.90	ug/L			11/05/14 23:51	5
cis-1,3-Dichloropropene	ND		5.0	0.90	ug/L			11/05/14 23:51	5
Dichlorobromomethane	ND		5.0	0.60	ug/L			11/05/14 23:51	5
1,1-Dichloroethane	ND		5.0	0.65	ug/L			11/05/14 23:51	5
1,2-Dichloroethane	ND		5.0	0.95	ug/L			11/05/14 23:51	5
1,1-Dichloroethene	1.7 J		5.0	0.45	ug/L			11/05/14 23:51	5
1,2-Dichloropropane	ND		5.0	0.45	ug/L			11/05/14 23:51	5
Ethylbenzene	ND		5.0	0.50	ug/L			11/05/14 23:51	5
2-Hexanone	ND		25	2.5	ug/L			11/05/14 23:51	5
Methylene Chloride	ND		5.0	0.90	ug/L			11/05/14 23:51	5
4-Methyl-2-pentanone	ND		25	5.0	ug/L			11/05/14 23:51	5
Styrene	ND		5.0	0.60	ug/L			11/05/14 23:51	5
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/L			11/05/14 23:51	5
Tetrachloroethene	ND		5.0	0.50	ug/L			11/05/14 23:51	5
Toluene	ND		5.0	0.75	ug/L			11/05/14 23:51	5
trans-1,2-Dichloroethene	3.1 J		5.0	0.65	ug/L			11/05/14 23:51	5
trans-1,3-Dichloropropene	ND *		5.0	1.2	ug/L			11/05/14 23:51	5
1,1,1-Trichloroethane	ND		5.0	0.30	ug/L			11/05/14 23:51	5
1,1,2-Trichloroethane	ND		5.0	0.95	ug/L			11/05/14 23:51	5
Trichloroethene	910		5.0	0.45	ug/L			11/05/14 23:51	5
Vinyl chloride	1.9 J		5.0	0.70	ug/L			11/05/14 23:51	5
Xylenes, Total	ND		15	0.65	ug/L			11/05/14 23:51	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		70 - 130		11/05/14 23:51	5
Dibromofluoromethane (Surr)	92		70 - 130		11/05/14 23:51	5
1,2-Dichloroethane-d4 (Surr)	88		70 - 130		11/05/14 23:51	5
Toluene-d8 (Surr)	86		70 - 130		11/05/14 23:51	5

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW12

Date Collected: 10/28/14 14:15

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/05/14 23:20	1
Benzene	ND		1.0	0.080	ug/L			11/05/14 23:20	1
Bromoform	ND		1.0	0.19	ug/L			11/05/14 23:20	1
Bromomethane	ND		1.0	0.18	ug/L			11/05/14 23:20	1
2-Butanone	ND		5.0	2.3	ug/L			11/05/14 23:20	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/05/14 23:20	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/05/14 23:20	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/05/14 23:20	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/05/14 23:20	1
Chloroethane	ND		1.0	0.17	ug/L			11/05/14 23:20	1
Chloroform	ND		1.0	0.080	ug/L			11/05/14 23:20	1
Chloromethane	ND		1.0	0.10	ug/L			11/05/14 23:20	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/05/14 23:20	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/05/14 23:20	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/05/14 23:20	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/05/14 23:20	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/05/14 23:20	1
1,1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/05/14 23:20	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/05/14 23:20	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/05/14 23:20	1
2-Hexanone	ND		5.0	0.50	ug/L			11/05/14 23:20	1
Methylene Chloride	ND		1.0	0.18	ug/L			11/05/14 23:20	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/05/14 23:20	1
Styrene	ND		1.0	0.12	ug/L			11/05/14 23:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/05/14 23:20	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/05/14 23:20	1
Toluene	ND		1.0	0.15	ug/L			11/05/14 23:20	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/05/14 23:20	1
trans-1,3-Dichloropropene	ND	*	1.0	0.24	ug/L			11/05/14 23:20	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/05/14 23:20	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/05/14 23:20	1
Trichloroethene	0.29	J	1.0	0.090	ug/L			11/05/14 23:20	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/05/14 23:20	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/05/14 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	130		70 - 130		11/05/14 23:20	1
Dibromofluoromethane (Surr)	107		70 - 130		11/05/14 23:20	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		11/05/14 23:20	1
Toluene-d8 (Surr)	105		70 - 130		11/05/14 23:20	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW13

Date Collected: 10/28/14 11:50

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	27	ug/L			11/06/14 01:07	10
Benzene	ND		10	0.80	ug/L			11/06/14 01:07	10
Bromoform	ND		10	1.9	ug/L			11/06/14 01:07	10
Bromomethane	ND		10	1.8	ug/L			11/06/14 01:07	10
2-Butanone	ND		50	23	ug/L			11/06/14 01:07	10
Carbon disulfide	ND		10	1.3	ug/L			11/06/14 01:07	10
Carbon tetrachloride	ND		10	0.60	ug/L			11/06/14 01:07	10
Chlorobenzene	ND		10	1.1	ug/L			11/06/14 01:07	10
Chlorodibromomethane	ND		10	2.0	ug/L			11/06/14 01:07	10
Chloroethane	ND		10	1.7	ug/L			11/06/14 01:07	10
Chloroform	ND		10	0.80	ug/L			11/06/14 01:07	10
Chloromethane	ND		10	1.0	ug/L			11/06/14 01:07	10
cis-1,2-Dichloroethene	3200		10	1.8	ug/L			11/06/14 01:07	10
cis-1,3-Dichloropropene	ND		10	1.8	ug/L			11/06/14 01:07	10
Dichlorobromomethane	ND		10	1.2	ug/L			11/06/14 01:07	10
1,1-Dichloroethane	ND		10	1.3	ug/L			11/06/14 01:07	10
1,2-Dichloroethane	ND		10	1.9	ug/L			11/06/14 01:07	10
1,1-Dichloroethene	3.7 J		10	0.90	ug/L			11/06/14 01:07	10
1,2-Dichloropropane	ND		10	0.90	ug/L			11/06/14 01:07	10
Ethylbenzene	ND		10	1.0	ug/L			11/06/14 01:07	10
2-Hexanone	ND		50	5.0	ug/L			11/06/14 01:07	10
Methylene Chloride	ND		10	1.8	ug/L			11/06/14 01:07	10
4-Methyl-2-pentanone	ND		50	9.9	ug/L			11/06/14 01:07	10
Styrene	ND		10	1.2	ug/L			11/06/14 01:07	10
1,1,2,2-Tetrachloroethane	ND		10	1.6	ug/L			11/06/14 01:07	10
Tetrachloroethene	ND		10	1.0	ug/L			11/06/14 01:07	10
Toluene	ND		10	1.5	ug/L			11/06/14 01:07	10
trans-1,2-Dichloroethene	140		10	1.3	ug/L			11/06/14 01:07	10
trans-1,3-Dichloropropene	ND *		10	2.4	ug/L			11/06/14 01:07	10
1,1,1-Trichloroethane	ND		10	0.60	ug/L			11/06/14 01:07	10
1,1,2-Trichloroethane	ND		10	1.9	ug/L			11/06/14 01:07	10
Trichloroethene	180		10	0.90	ug/L			11/06/14 01:07	10
Vinyl chloride	3.1 J		10	1.4	ug/L			11/06/14 01:07	10
Xylenes, Total	ND		30	1.3	ug/L			11/06/14 01:07	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		70 - 130		11/06/14 01:07	10
Dibromofluoromethane (Surr)	91		70 - 130		11/06/14 01:07	10
1,2-Dichloroethane-d4 (Surr)	87		70 - 130		11/06/14 01:07	10
Toluene-d8 (Surr)	87		70 - 130		11/06/14 01:07	10

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW14

Date Collected: 10/28/14 13:30

Date Received: 10/30/14 08:45

Lab Sample ID: 180-38251-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		130	67	ug/L			11/06/14 12:04	25
Benzene	ND		25	2.0	ug/L			11/06/14 12:04	25
Bromoform	ND		25	4.8	ug/L			11/06/14 12:04	25
Bromomethane	ND		25	4.5	ug/L			11/06/14 12:04	25
2-Butanone	ND		130	58	ug/L			11/06/14 12:04	25
Carbon disulfide	ND		25	3.3	ug/L			11/06/14 12:04	25
Carbon tetrachloride	ND		25	1.5	ug/L			11/06/14 12:04	25
Chlorobenzene	ND		25	2.8	ug/L			11/06/14 12:04	25
Chlorodibromomethane	ND		25	5.0	ug/L			11/06/14 12:04	25
Chloroethane	ND		25	4.3	ug/L			11/06/14 12:04	25
Chloroform	ND		25	2.0	ug/L			11/06/14 12:04	25
Chloromethane	ND		25	2.5	ug/L			11/06/14 12:04	25
cis-1,2-Dichloroethene	5000		25	4.5	ug/L			11/06/14 12:04	25
cis-1,3-Dichloropropene	ND		25	4.5	ug/L			11/06/14 12:04	25
Dichlorobromomethane	ND		25	3.0	ug/L			11/06/14 12:04	25
1,1-Dichloroethane	ND		25	3.3	ug/L			11/06/14 12:04	25
1,2-Dichloroethane	ND		25	4.8	ug/L			11/06/14 12:04	25
1,1-Dichloroethene	12 J		25	2.3	ug/L			11/06/14 12:04	25
1,2-Dichloropropane	ND		25	2.3	ug/L			11/06/14 12:04	25
Ethylbenzene	ND		25	2.5	ug/L			11/06/14 12:04	25
2-Hexanone	ND		130	13	ug/L			11/06/14 12:04	25
Methylene Chloride	ND		25	4.5	ug/L			11/06/14 12:04	25
4-Methyl-2-pentanone	ND		130	25	ug/L			11/06/14 12:04	25
Styrene	ND		25	3.0	ug/L			11/06/14 12:04	25
1,1,2,2-Tetrachloroethane	ND		25	4.0	ug/L			11/06/14 12:04	25
Tetrachloroethene	ND		25	2.5	ug/L			11/06/14 12:04	25
Toluene	ND		25	3.8	ug/L			11/06/14 12:04	25
trans-1,2-Dichloroethene	28		25	3.3	ug/L			11/06/14 12:04	25
trans-1,3-Dichloropropene	ND		25	6.0	ug/L			11/06/14 12:04	25
1,1,1-Trichloroethane	ND		25	1.5	ug/L			11/06/14 12:04	25
1,1,2-Trichloroethane	ND		25	4.8	ug/L			11/06/14 12:04	25
Trichloroethene	7800		25	2.3	ug/L			11/06/14 12:04	25
Vinyl chloride	20 J		25	3.5	ug/L			11/06/14 12:04	25
Xylenes, Total	ND		75	3.3	ug/L			11/06/14 12:04	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130		11/06/14 12:04	25
Dibromofluoromethane (Surr)	87		70 - 130		11/06/14 12:04	25
1,2-Dichloroethane-d4 (Surr)	85		70 - 130		11/06/14 12:04	25
Toluene-d8 (Surr)	82		70 - 130		11/06/14 12:04	25

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: MW14 DUP

Lab Sample ID: 180-38251-9

Date Collected: 10/28/14 13:30

Matrix: Water

Date Received: 10/30/14 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	27	ug/L			11/06/14 01:57	10
Benzene	ND		10	0.80	ug/L			11/06/14 01:57	10
Bromoform	ND		10	1.9	ug/L			11/06/14 01:57	10
Bromomethane	ND		10	1.8	ug/L			11/06/14 01:57	10
2-Butanone	ND		50	23	ug/L			11/06/14 01:57	10
Carbon disulfide	ND		10	1.3	ug/L			11/06/14 01:57	10
Carbon tetrachloride	ND		10	0.60	ug/L			11/06/14 01:57	10
Chlorobenzene	ND		10	1.1	ug/L			11/06/14 01:57	10
Chlorodibromomethane	ND		10	2.0	ug/L			11/06/14 01:57	10
Chloroethane	ND		10	1.7	ug/L			11/06/14 01:57	10
Chloroform	ND		10	0.80	ug/L			11/06/14 01:57	10
Chloromethane	ND		10	1.0	ug/L			11/06/14 01:57	10
cis-1,2-Dichloroethene	4900		10	1.8	ug/L			11/06/14 01:57	10
cis-1,3-Dichloropropene	ND		10	1.8	ug/L			11/06/14 01:57	10
Dichlorobromomethane	ND		10	1.2	ug/L			11/06/14 01:57	10
1,1-Dichloroethane	ND		10	1.3	ug/L			11/06/14 01:57	10
1,2-Dichloroethane	ND		10	1.9	ug/L			11/06/14 01:57	10
1,1-Dichloroethene	4.7 J		10	0.90	ug/L			11/06/14 01:57	10
1,2-Dichloropropane	ND		10	0.90	ug/L			11/06/14 01:57	10
Ethylbenzene	ND		10	1.0	ug/L			11/06/14 01:57	10
2-Hexanone	ND		50	5.0	ug/L			11/06/14 01:57	10
Methylene Chloride	ND		10	1.8	ug/L			11/06/14 01:57	10
4-Methyl-2-pentanone	ND		50	9.9	ug/L			11/06/14 01:57	10
Styrene	ND		10	1.2	ug/L			11/06/14 01:57	10
1,1,2,2-Tetrachloroethane	ND		10	1.6	ug/L			11/06/14 01:57	10
Tetrachloroethene	ND		10	1.0	ug/L			11/06/14 01:57	10
Toluene	ND		10	1.5	ug/L			11/06/14 01:57	10
trans-1,2-Dichloroethene	42		10	1.3	ug/L			11/06/14 01:57	10
trans-1,3-Dichloropropene	ND *		10	2.4	ug/L			11/06/14 01:57	10
1,1,1-Trichloroethane	ND		10	0.60	ug/L			11/06/14 01:57	10
1,1,2-Trichloroethane	ND		10	1.9	ug/L			11/06/14 01:57	10
Trichloroethene	4500		10	0.90	ug/L			11/06/14 01:57	10
Vinyl chloride	8.6 J		10	1.4	ug/L			11/06/14 01:57	10
Xylenes, Total	ND		30	1.3	ug/L			11/06/14 01:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		70 - 130		11/06/14 01:57	10
Dibromofluoromethane (Surr)	95		70 - 130		11/06/14 01:57	10
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		11/06/14 01:57	10
Toluene-d8 (Surr)	87		70 - 130		11/06/14 01:57	10

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: RINSE BLANK

Lab Sample ID: 180-38251-10

Date Collected: 10/28/14 14:25

Matrix: Water

Date Received: 10/30/14 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/05/14 22:55	1
Benzene	ND		1.0	0.080	ug/L			11/05/14 22:55	1
Bromoform	ND		1.0	0.19	ug/L			11/05/14 22:55	1
Bromomethane	ND		1.0	0.18	ug/L			11/05/14 22:55	1
2-Butanone	ND		5.0	2.3	ug/L			11/05/14 22:55	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/05/14 22:55	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/05/14 22:55	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/05/14 22:55	1
Chlorodibromomethane	0.36	J	1.0	0.20	ug/L			11/05/14 22:55	1
Chloroethane	ND		1.0	0.17	ug/L			11/05/14 22:55	1
Chloroform	0.53	J	1.0	0.080	ug/L			11/05/14 22:55	1
Chloromethane	ND		1.0	0.10	ug/L			11/05/14 22:55	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/05/14 22:55	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/05/14 22:55	1
Dichlorobromomethane	0.60	J	1.0	0.12	ug/L			11/05/14 22:55	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/05/14 22:55	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:55	1
1,1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/05/14 22:55	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/05/14 22:55	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/05/14 22:55	1
2-Hexanone	ND		5.0	0.50	ug/L			11/05/14 22:55	1
Methylene Chloride	0.70	J	1.0	0.18	ug/L			11/05/14 22:55	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/05/14 22:55	1
Styrene	ND		1.0	0.12	ug/L			11/05/14 22:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/05/14 22:55	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/05/14 22:55	1
Toluene	ND		1.0	0.15	ug/L			11/05/14 22:55	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/05/14 22:55	1
trans-1,3-Dichloropropene	ND	*	1.0	0.24	ug/L			11/05/14 22:55	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/05/14 22:55	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:55	1
Trichloroethene	1.0		1.0	0.090	ug/L			11/05/14 22:55	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/05/14 22:55	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/05/14 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		11/05/14 22:55	1
Dibromofluoromethane (Surr)	88		70 - 130		11/05/14 22:55	1
1,2-Dichloroethane-d4 (Surr)	85		70 - 130		11/05/14 22:55	1
Toluene-d8 (Surr)	85		70 - 130		11/05/14 22:55	1

TestAmerica Pittsburgh

Client Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 180-38251-11

Date Collected: 10/28/14 00:00

Matrix: Water

Date Received: 10/30/14 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/05/14 22:30	1
Benzene	ND		1.0	0.080	ug/L			11/05/14 22:30	1
Bromoform	ND		1.0	0.19	ug/L			11/05/14 22:30	1
Bromomethane	ND		1.0	0.18	ug/L			11/05/14 22:30	1
2-Butanone	ND		5.0	2.3	ug/L			11/05/14 22:30	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/05/14 22:30	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/05/14 22:30	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/05/14 22:30	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/05/14 22:30	1
Chloroethane	ND		1.0	0.17	ug/L			11/05/14 22:30	1
Chloroform	ND		1.0	0.080	ug/L			11/05/14 22:30	1
Chloromethane	ND		1.0	0.10	ug/L			11/05/14 22:30	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/05/14 22:30	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/05/14 22:30	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/05/14 22:30	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/05/14 22:30	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:30	1
1,1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/05/14 22:30	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/05/14 22:30	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/05/14 22:30	1
2-Hexanone	ND		5.0	0.50	ug/L			11/05/14 22:30	1
Methylene Chloride	1.0		1.0	0.18	ug/L			11/05/14 22:30	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/05/14 22:30	1
Styrene	ND		1.0	0.12	ug/L			11/05/14 22:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/05/14 22:30	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/05/14 22:30	1
Toluene	ND		1.0	0.15	ug/L			11/05/14 22:30	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/05/14 22:30	1
trans-1,3-Dichloropropene	ND *		1.0	0.24	ug/L			11/05/14 22:30	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/05/14 22:30	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:30	1
Trichloroethene	0.57 J		1.0	0.090	ug/L			11/05/14 22:30	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/05/14 22:30	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/05/14 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		11/05/14 22:30	1
Dibromofluoromethane (Surr)	89		70 - 130		11/05/14 22:30	1
1,2-Dichloroethane-d4 (Surr)	85		70 - 130		11/05/14 22:30	1
Toluene-d8 (Surr)	84		70 - 130		11/05/14 22:30	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: MB 460-260630/6

Matrix: Water

Analysis Batch: 260630

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/05/14 22:04	1
Benzene	ND		1.0	0.080	ug/L			11/05/14 22:04	1
Bromoform	ND		1.0	0.19	ug/L			11/05/14 22:04	1
Bromomethane	ND		1.0	0.18	ug/L			11/05/14 22:04	1
2-Butanone	ND		5.0	2.3	ug/L			11/05/14 22:04	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/05/14 22:04	1
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/05/14 22:04	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/05/14 22:04	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/05/14 22:04	1
Chloroethane	ND		1.0	0.17	ug/L			11/05/14 22:04	1
Chloroform	ND		1.0	0.080	ug/L			11/05/14 22:04	1
Chloromethane	ND		1.0	0.10	ug/L			11/05/14 22:04	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/05/14 22:04	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/05/14 22:04	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/05/14 22:04	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/05/14 22:04	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:04	1
1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/05/14 22:04	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/05/14 22:04	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/05/14 22:04	1
2-Hexanone	ND		5.0	0.50	ug/L			11/05/14 22:04	1
Methylene Chloride	ND		1.0	0.18	ug/L			11/05/14 22:04	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/05/14 22:04	1
Styrene	ND		1.0	0.12	ug/L			11/05/14 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/05/14 22:04	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/05/14 22:04	1
Toluene	ND		1.0	0.15	ug/L			11/05/14 22:04	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/05/14 22:04	1
trans-1,3-Dichloropropene	ND		1.0	0.24	ug/L			11/05/14 22:04	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/05/14 22:04	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/05/14 22:04	1
Trichloroethene	ND		1.0	0.090	ug/L			11/05/14 22:04	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/05/14 22:04	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/05/14 22:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		70 - 130		11/05/14 22:04	1
Dibromofluoromethane (Surr)	91		70 - 130		11/05/14 22:04	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 130		11/05/14 22:04	1
Toluene-d8 (Surr)	85		70 - 130		11/05/14 22:04	1

Lab Sample ID: LCS 460-260630/3

Matrix: Water

Analysis Batch: 260630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.6		ug/L		97	40 - 150
Benzene	20.0	21.0		ug/L		105	76 - 121

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: LCS 460-260630/3

Matrix: Water

Analysis Batch: 260630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	20.0	18.3		ug/L		92	54 - 138
Bromomethane	20.0	12.4		ug/L		62	28 - 150
2-Butanone	100	79.8		ug/L		80	64 - 141
Carbon disulfide	20.0	21.7		ug/L		109	51 - 137
Carbon tetrachloride	20.0	22.8		ug/L		114	63 - 135
Chlorobenzene	20.0	19.7		ug/L		98	77 - 120
Chlorodibromomethane	20.0	21.3		ug/L		106	69 - 126
Chloroethane	20.0	20.6		ug/L		103	49 - 150
Chloroform	20.0	21.1		ug/L		105	81 - 123
Chloromethane	20.0	22.4		ug/L		112	42 - 150
cis-1,2-Dichloroethene	20.0	21.7		ug/L		109	78 - 121
cis-1,3-Dichloropropene	20.0	22.2		ug/L		111	72 - 122
Dichlorobromomethane	20.0	22.1		ug/L		111	77 - 120
1,1-Dichloroethane	20.0	23.5		ug/L		117	74 - 128
1,2-Dichloroethane	20.0	20.6		ug/L		103	74 - 128
1,1-Dichloroethene	20.0	21.6		ug/L		108	62 - 128
1,2-Dichloropropane	20.0	22.7		ug/L		113	75 - 122
Ethylbenzene	20.0	20.5		ug/L		103	74 - 120
2-Hexanone	100	108		ug/L		108	53 - 138
Methylene Chloride	20.0	20.4		ug/L		102	77 - 124
4-Methyl-2-pentanone	100	115		ug/L		115	55 - 141
Styrene	20.0	19.5		ug/L		98	73 - 124
1,1,2,2-Tetrachloroethane	20.0	21.1		ug/L		106	60 - 130
Tetrachloroethene	20.0	20.3		ug/L		101	67 - 129
Toluene	20.0	19.3		ug/L		96	78 - 120
trans-1,2-Dichloroethene	20.0	22.1		ug/L		110	73 - 124
trans-1,3-Dichloropropene	20.0	25.0	*	ug/L		125	71 - 121
1,1,1-Trichloroethane	20.0	22.0		ug/L		110	72 - 126
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	73 - 120
Trichloroethene	20.0	21.5		ug/L		107	74 - 120
Vinyl chloride	20.0	22.6		ug/L		113	61 - 136
Xylenes, Total	40.0	39.9		ug/L		100	73 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	114		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Toluene-d8 (Surr)	87		70 - 130

Lab Sample ID: LCSD 460-260630/4

Matrix: Water

Analysis Batch: 260630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	95.9		ug/L		96	40 - 150	1	30
Benzene	20.0	21.2		ug/L		106	76 - 121	1	30
Bromoform	20.0	18.8		ug/L		94	54 - 138	2	30
Bromomethane	20.0	13.7		ug/L		69	28 - 150	10	30

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: LCSD 460-260630/4

Matrix: Water

Analysis Batch: 260630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone	100	79.5		ug/L		79	64 - 141	0	30
Carbon disulfide	20.0	22.0		ug/L		110	51 - 137	1	30
Carbon tetrachloride	20.0	22.8		ug/L		114	63 - 135	0	30
Chlorobenzene	20.0	19.9		ug/L		100	77 - 120	1	30
Chlorodibromomethane	20.0	21.0		ug/L		105	69 - 126	1	30
Chloroethane	20.0	23.7		ug/L		118	49 - 150	14	30
Chloroform	20.0	21.6		ug/L		108	81 - 123	2	30
Chloromethane	20.0	23.2		ug/L		116	42 - 150	3	30
cis-1,2-Dichloroethene	20.0	22.2		ug/L		111	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	22.9		ug/L		114	72 - 122	3	30
Dichlorobromomethane	20.0	21.7		ug/L		108	77 - 120	2	30
1,1-Dichloroethane	20.0	23.8		ug/L		119	74 - 128	1	30
1,2-Dichloroethane	20.0	21.8		ug/L		109	74 - 128	6	30
1,1-Dichloroethene	20.0	20.9		ug/L		104	62 - 128	3	30
1,2-Dichloropropane	20.0	22.0		ug/L		110	75 - 122	3	30
Ethylbenzene	20.0	20.7		ug/L		104	74 - 120	1	30
2-Hexanone	100	108		ug/L		108	53 - 138	0	30
Methylene Chloride	20.0	21.0		ug/L		105	77 - 124	3	30
4-Methyl-2-pentanone	100	112		ug/L		112	55 - 141	3	30
Styrene	20.0	20.0		ug/L		100	73 - 124	3	30
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	60 - 130	3	30
Tetrachloroethene	20.0	20.7		ug/L		104	67 - 129	2	30
Toluene	20.0	19.0		ug/L		95	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	22.3		ug/L		112	73 - 124	1	30
trans-1,3-Dichloropropene	20.0	23.9		ug/L		119	71 - 121	5	30
1,1,1-Trichloroethane	20.0	21.7		ug/L		109	72 - 126	1	30
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	73 - 120	1	30
Trichloroethene	20.0	20.6		ug/L		103	74 - 120	4	30
Vinyl chloride	20.0	19.1		ug/L		96	61 - 136	17	30
Xylenes, Total	40.0	40.8		ug/L		102	73 - 122	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	112		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130
1,2-Dichloroethane-d4 (Surr)	82		70 - 130
Toluene-d8 (Surr)	84		70 - 130

Lab Sample ID: MB 460-260693/6

Matrix: Water

Analysis Batch: 260693

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	2.7	ug/L			11/06/14 09:58	1
Benzene	ND		1.0	0.080	ug/L			11/06/14 09:58	1
Bromoform	ND		1.0	0.19	ug/L			11/06/14 09:58	1
Bromomethane	ND		1.0	0.18	ug/L			11/06/14 09:58	1
2-Butanone	ND		5.0	2.3	ug/L			11/06/14 09:58	1
Carbon disulfide	ND		1.0	0.13	ug/L			11/06/14 09:58	1

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: MB 460-260693/6

Matrix: Water

Analysis Batch: 260693

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.060	ug/L			11/06/14 09:58	1
Chlorobenzene	ND		1.0	0.11	ug/L			11/06/14 09:58	1
Chlorodibromomethane	ND		1.0	0.20	ug/L			11/06/14 09:58	1
Chloroethane	ND		1.0	0.17	ug/L			11/06/14 09:58	1
Chloroform	ND		1.0	0.080	ug/L			11/06/14 09:58	1
Chloromethane	ND		1.0	0.10	ug/L			11/06/14 09:58	1
cis-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/06/14 09:58	1
cis-1,3-Dichloropropene	ND		1.0	0.18	ug/L			11/06/14 09:58	1
Dichlorobromomethane	ND		1.0	0.12	ug/L			11/06/14 09:58	1
1,1-Dichloroethane	ND		1.0	0.13	ug/L			11/06/14 09:58	1
1,2-Dichloroethane	ND		1.0	0.19	ug/L			11/06/14 09:58	1
1,1-Dichloroethene	ND		1.0	0.090	ug/L			11/06/14 09:58	1
1,2-Dichloropropane	ND		1.0	0.090	ug/L			11/06/14 09:58	1
Ethylbenzene	ND		1.0	0.10	ug/L			11/06/14 09:58	1
2-Hexanone	ND		5.0	0.50	ug/L			11/06/14 09:58	1
Methylene Chloride	ND		1.0	0.18	ug/L			11/06/14 09:58	1
4-Methyl-2-pentanone	ND		5.0	0.99	ug/L			11/06/14 09:58	1
Styrene	ND		1.0	0.12	ug/L			11/06/14 09:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/L			11/06/14 09:58	1
Tetrachloroethene	ND		1.0	0.10	ug/L			11/06/14 09:58	1
Toluene	ND		1.0	0.15	ug/L			11/06/14 09:58	1
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L			11/06/14 09:58	1
trans-1,3-Dichloropropene	ND		1.0	0.24	ug/L			11/06/14 09:58	1
1,1,1-Trichloroethane	ND		1.0	0.060	ug/L			11/06/14 09:58	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/06/14 09:58	1
Trichloroethene	ND		1.0	0.090	ug/L			11/06/14 09:58	1
Vinyl chloride	ND		1.0	0.14	ug/L			11/06/14 09:58	1
Xylenes, Total	ND		3.0	0.13	ug/L			11/06/14 09:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130		11/06/14 09:58	1
Dibromofluoromethane (Surr)	87		70 - 130		11/06/14 09:58	1
1,2-Dichloroethane-d4 (Surr)	82		70 - 130		11/06/14 09:58	1
Toluene-d8 (Surr)	85		70 - 130		11/06/14 09:58	1

Lab Sample ID: LCS 460-260693/3

Matrix: Water

Analysis Batch: 260693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	98.5		ug/L		98	40 - 150
Benzene	20.0	20.8		ug/L		104	76 - 121
Bromoform	20.0	17.7		ug/L		89	54 - 138
Bromomethane	20.0	12.5		ug/L		63	28 - 150
2-Butanone	100	83.0		ug/L		83	64 - 141
Carbon disulfide	20.0	21.3		ug/L		107	51 - 137
Carbon tetrachloride	20.0	20.9		ug/L		104	63 - 135
Chlorobenzene	20.0	19.6		ug/L		98	77 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: LCS 460-260693/3

Matrix: Water

Analysis Batch: 260693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	20.0	20.4		ug/L		102	69 - 126
Chloroethane	20.0	19.8		ug/L		99	49 - 150
Chloroform	20.0	22.2		ug/L		111	81 - 123
Chloromethane	20.0	24.8		ug/L		124	42 - 150
cis-1,2-Dichloroethene	20.0	23.5		ug/L		117	78 - 121
cis-1,3-Dichloropropene	20.0	22.2		ug/L		111	72 - 122
Dichlorobromomethane	20.0	22.7		ug/L		113	77 - 120
1,1-Dichloroethane	20.0	24.6		ug/L		123	74 - 128
1,2-Dichloroethane	20.0	22.3		ug/L		112	74 - 128
1,1-Dichloroethene	20.0	21.8		ug/L		109	62 - 128
1,2-Dichloropropane	20.0	23.8		ug/L		119	75 - 122
Ethylbenzene	20.0	20.9		ug/L		104	74 - 120
2-Hexanone	100	102		ug/L		102	53 - 138
Methylene Chloride	20.0	21.5		ug/L		108	77 - 124
4-Methyl-2-pentanone	100	110		ug/L		110	55 - 141
Styrene	20.0	20.1		ug/L		101	73 - 124
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		108	60 - 130
Tetrachloroethene	20.0	19.0		ug/L		95	67 - 129
Toluene	20.0	18.9		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	22.3		ug/L		112	73 - 124
trans-1,3-Dichloropropene	20.0	22.0		ug/L		110	71 - 121
1,1,1-Trichloroethane	20.0	22.9		ug/L		115	72 - 126
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	73 - 120
Trichloroethene	20.0	21.2		ug/L		106	74 - 120
Vinyl chloride	20.0	19.6		ug/L		98	61 - 136
Xylenes, Total	40.0	39.1		ug/L		98	73 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	84		70 - 130

Lab Sample ID: 180-38251-4 MS

Matrix: Water

Analysis Batch: 260693

Client Sample ID: MW9R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	65		100	153		ug/L		88	40 - 150
Benzene	0.089	J	20.0	21.6		ug/L		108	76 - 121
Bromoform	ND		20.0	18.9		ug/L		94	54 - 138
Bromomethane	ND		20.0	9.98		ug/L		50	28 - 150
2-Butanone	9.6		100	89.5		ug/L		80	64 - 141
Carbon disulfide	3.0		20.0	26.6		ug/L		118	51 - 137
Carbon tetrachloride	ND		20.0	24.0		ug/L		120	63 - 135
Chlorobenzene	ND		20.0	20.3		ug/L		102	77 - 120
Chlorodibromomethane	ND		20.0	20.2		ug/L		101	69 - 126
Chloroethane	ND		20.0	22.0		ug/L		110	49 - 150

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: 180-38251-4 MS

Matrix: Water

Analysis Batch: 260693

Client Sample ID: MW9R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		20.0	22.9		ug/L		114	81 - 123
Chloromethane	ND		20.0	25.0		ug/L		125	42 - 150
cis-1,2-Dichloroethene	10		20.0	34.1		ug/L		119	78 - 121
cis-1,3-Dichloropropene	ND		20.0	22.0		ug/L		110	72 - 122
Dichlorobromomethane	ND		20.0	23.0		ug/L		115	77 - 120
1,1-Dichloroethane	ND		20.0	25.3		ug/L		126	74 - 128
1,2-Dichloroethane	ND		20.0	21.9		ug/L		110	74 - 128
1,1-Dichloroethene	ND		20.0	23.0		ug/L		115	62 - 128
1,2-Dichloropropane	ND		20.0	24.2		ug/L		121	75 - 122
Ethylbenzene	ND		20.0	21.3		ug/L		107	74 - 120
2-Hexanone	1.2	J	100	109		ug/L		108	53 - 138
Methylene Chloride	ND		20.0	23.0		ug/L		115	77 - 124
4-Methyl-2-pentanone	7.0		100	120		ug/L		113	55 - 141
Styrene	ND		20.0	20.2		ug/L		101	73 - 124
1,1,2,2-Tetrachloroethane	ND		20.0	21.6		ug/L		108	60 - 130
Tetrachloroethene	ND		20.0	20.5		ug/L		102	67 - 129
Toluene	ND		20.0	20.1		ug/L		101	78 - 120
trans-1,2-Dichloroethene	2.0		20.0	25.5		ug/L		117	73 - 124
trans-1,3-Dichloropropene	ND		20.0	24.4	F1	ug/L		122	71 - 121
1,1,1-Trichloroethane	ND		20.0	23.9		ug/L		119	72 - 126
1,1,2-Trichloroethane	ND		20.0	21.7		ug/L		108	73 - 120
Trichloroethene	1.8		20.0	23.2		ug/L		107	74 - 120
Vinyl chloride	4.9		20.0	27.6		ug/L		114	61 - 136
Xylenes, Total	ND		40.0	41.5		ug/L		104	73 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	108		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	84		70 - 130

Lab Sample ID: 180-38251-4 MSD

Matrix: Water

Analysis Batch: 260693

Client Sample ID: MW9R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	65		100	141		ug/L		76	40 - 150	8	30
Benzene	0.089	J	20.0	20.9		ug/L		104	76 - 121	4	30
Bromoform	ND		20.0	17.8		ug/L		89	54 - 138	6	30
Bromomethane	ND		20.0	9.26		ug/L		46	28 - 150	7	30
2-Butanone	9.6		100	82.2		ug/L		73	64 - 141	8	30
Carbon disulfide	3.0		20.0	26.4		ug/L		117	51 - 137	1	30
Carbon tetrachloride	ND		20.0	23.4		ug/L		117	63 - 135	3	30
Chlorobenzene	ND		20.0	19.5		ug/L		97	77 - 120	4	30
Chlorodibromomethane	ND		20.0	20.1		ug/L		101	69 - 126	0	30
Chloroethane	ND		20.0	21.8		ug/L		109	49 - 150	1	30
Chloroform	ND		20.0	21.4		ug/L		107	81 - 123	6	30
Chloromethane	ND		20.0	24.3		ug/L		121	42 - 150	3	30

TestAmerica Pittsburgh

QC Sample Results

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

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

Lab Sample ID: 180-38251-4 MSD

Matrix: Water

Analysis Batch: 260693

Client Sample ID: MW9R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	10		20.0	31.5		ug/L		106	78 - 121	8	30
cis-1,3-Dichloropropene	ND		20.0	22.2		ug/L		111	72 - 122	1	30
Dichlorobromomethane	ND		20.0	21.4		ug/L		107	77 - 120	7	30
1,1-Dichloroethane	ND		20.0	24.6		ug/L		123	74 - 128	3	30
1,2-Dichloroethane	ND		20.0	20.6		ug/L		103	74 - 128	6	30
1,1-Dichloroethene	ND		20.0	22.5		ug/L		113	62 - 128	2	30
1,2-Dichloropropane	ND		20.0	21.8		ug/L		109	75 - 122	10	30
Ethylbenzene	ND		20.0	20.5		ug/L		102	74 - 120	4	30
2-Hexanone	1.2	J	100	111		ug/L		110	53 - 138	2	30
Methylene Chloride	ND		20.0	21.5		ug/L		108	77 - 124	7	30
4-Methyl-2-pentanone	7.0		100	121		ug/L		114	55 - 141	0	30
Styrene	ND		20.0	19.5		ug/L		98	73 - 124	4	30
1,1,2,2-Tetrachloroethane	ND		20.0	22.2		ug/L		111	60 - 130	3	30
Tetrachloroethene	ND		20.0	20.4		ug/L		102	67 - 129	0	30
Toluene	ND		20.0	19.2		ug/L		96	78 - 120	5	30
trans-1,2-Dichloroethene	2.0		20.0	23.6		ug/L		108	73 - 124	8	30
trans-1,3-Dichloropropene	ND		20.0	23.2		ug/L		116	71 - 121	5	30
1,1,1-Trichloroethane	ND		20.0	22.6		ug/L		113	72 - 126	5	30
1,1,2-Trichloroethane	ND		20.0	21.7		ug/L		109	73 - 120	0	30
Trichloroethene	1.8		20.0	23.0		ug/L		106	74 - 120	0	30
Vinyl chloride	4.9		20.0	25.9		ug/L		105	61 - 136	6	30
Xylenes, Total	ND		40.0	39.2		ug/L		98	73 - 122	6	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	110		70 - 130
Dibromofluoromethane (Surr)	87		70 - 130
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
Toluene-d8 (Surr)	84		70 - 130

TestAmerica Pittsburgh

QC Association Summary

Client: SGK Ventures, LLC-fka Keywell LLC
Project/Site: Frewsburg

TestAmerica Job ID: 180-38251-1

GC/MS VOA

Analysis Batch: 260630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-38251-2	MW3	Total/NA	Water	8260C	
180-38251-5	MW11R	Total/NA	Water	8260C	
180-38251-6	MW12	Total/NA	Water	8260C	
180-38251-7	MW13	Total/NA	Water	8260C	
180-38251-9	MW14 DUP	Total/NA	Water	8260C	
180-38251-10	RINSE BLANK	Total/NA	Water	8260C	
180-38251-11	TRIP BLANK	Total/NA	Water	8260C	
LCS 460-260630/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-260630/4	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 460-260630/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 260693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-38251-1	MW2	Total/NA	Water	8260C	
180-38251-3	MW4	Total/NA	Water	8260C	
180-38251-4	MW9R	Total/NA	Water	8260C	
180-38251-4 MS	MW9R	Total/NA	Water	8260C	
180-38251-4 MSD	MW9R	Total/NA	Water	8260C	
180-38251-8	MW14	Total/NA	Water	8260C	
LCS 460-260693/3	Lab Control Sample	Total/NA	Water	8260C	
MB 460-260693/6	Method Blank	Total/NA	Water	8260C	

TestAmerica Pittsburgh

301 Alpha Drive

Pittsburgh, PA 15238

Phone: 412.963.7050 Fax: 412.963.2470

Chain of Custody Record

050661

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>PATY LUNDIN</u>		Site Contact: <u>PATY LUNDIN</u>		Date: <u>10/29/14</u>		COC No: <u>102814</u>																																																																																																	
Company Name: <u>SGK VENTURES L.L.C.</u>		Tel/Fax: <u>(716) 922-9102</u>		Lab Contact: <u>DAVE DUNAP</u>		Carrier:		<u>1</u> of <u>1</u> COCs																																																																																																	
Address: <u>300 FALCONER ST.</u>		Analysis Turnaround Time																																																																																																							
City/State/Zip: <u>FREDERICKSBURG, NY 14738</u>		☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day																																																																																																							
Phone: <u>(716) 922-9102</u>		HOLD SHORT																																																																																																							
Fax:																																																																																																									
Project Name:																																																																																																									
Site:																																																																																																									
P O #		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=Grab)</th> <th>Matrix</th> <th># of Cont.</th> <th>Filtered Sample (Y/N)</th> <th>Perform MS / MSD (Y/N)</th> </tr> </thead> <tbody> <tr> <td>MW 2</td> <td>10/28/14</td> <td>6:45am</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 3</td> <td>10/28/14</td> <td>6:05am</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 4</td> <td>10/28/14</td> <td>8:15am</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 9R (9R ms) (9R MSD)</td> <td>10/28/14</td> <td>10:30am</td> <td>G</td> <td>W</td> <td>9</td> <td>N</td> <td>Y</td> </tr> <tr> <td>MW 11R</td> <td>10/28/14</td> <td>9:20am</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 12</td> <td>10/28/14</td> <td>2:15pm</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 13</td> <td>10/28/14</td> <td>11:50am</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 14</td> <td>10/28/14</td> <td>1:30pm</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>MW 14 Dup</td> <td>10/28/14</td> <td>1:30pm</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td>RINSE BLANK</td> <td>10/28/14</td> <td>2:25pm</td> <td>G</td> <td>W</td> <td>3</td> <td>N</td> <td>N</td> </tr> <tr> <td colspan="2">also received a trip blank on 10/29/14</td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td> </tr> </tbody> </table>								Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	MW 2	10/28/14	6:45am	G	W	3	N	N	MW 3	10/28/14	6:05am	G	W	3	N	N	MW 4	10/28/14	8:15am	G	W	3	N	N	MW 9R (9R ms) (9R MSD)	10/28/14	10:30am	G	W	9	N	Y	MW 11R	10/28/14	9:20am	G	W	3	N	N	MW 12	10/28/14	2:15pm	G	W	3	N	N	MW 13	10/28/14	11:50am	G	W	3	N	N	MW 14	10/28/14	1:30pm	G	W	3	N	N	MW 14 Dup	10/28/14	1:30pm	G	W	3	N	N	RINSE BLANK	10/28/14	2:25pm	G	W	3	N	N	also received a trip blank on 10/29/14					2		
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MW 14	10/28/14	1:30pm	G	W	3	N	N																																																																																																		
MW 14 Dup	10/28/14	1:30pm	G	W	3	N	N																																																																																																		
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also received a trip blank on 10/29/14					2																																																																																																				
Preservation Used: 1=Ice, 2=HCL, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other		Sample Disposal (A fee may be assessed) ☐ Return to Client ☒ Disposal by Lab																																																																																																							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown																																																																																																							
Special Instructions/QC Requirements & Comments:																																																																																																									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Cor'd: _____		Therm ID No.:																																																																																																			
Relinquished by: <u>Chuck Beck</u>		Company: <u>SGK VENTURES L.L.C.</u>		Date/Time: <u>10:30 10/29/14 AM</u>		Received by: <u>Debbie Watson</u>		Company: <u>TAP</u>																																																																																																	
Relinquished by:		Company:		Date/Time:		Received by:		Company:																																																																																																	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:																																																																																																	

Sample Specific Notes:

8260B LL-TOL 3.2
Low Level (SEP CIS/TRANS DCE)



180-38251 Chain of Custody

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-38251-1

Login Number: 38251

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	False	1 vial for MW14
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: SGK Ventures, LLC

Job Number: 180-38251-1

Login Number: 38251

List Number: 2

Creator: Villadarez, Gerson Timothy S

List Source: TestAmerica Edison

List Creation: 11/05/14 01:14 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not rpresent
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	1.2°C IR#5
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.	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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

APPENDIX B3

ANALYTICAL DATA REPORTS

ANNUAL MONITORING (APRIL 2015)



ANALYTICAL REPORT

Lab Number:	L1509071
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Lori Riker
Phone:	(716) 856-0599
Project Name:	SGK VENTURES LLC
Project Number:	0095-005-002/002
Report Date:	05/11/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1509071-01	MW-1	WATER	FREWSBURG, NY	04/28/15 13:13	04/30/15
L1509071-02	MW-2	WATER	FREWSBURG, NY	04/29/15 12:02	04/30/15
L1509071-03	MW-3	WATER	FREWSBURG, NY	04/29/15 13:30	04/30/15
L1509071-04	MW-4	WATER	FREWSBURG, NY	04/28/15 15:06	04/30/15
L1509071-05	MW-4D	WATER	FREWSBURG, NY	04/28/15 15:57	04/30/15
L1509071-06	MW-5	WATER	FREWSBURG, NY	04/28/15 14:03	04/30/15
L1509071-07	MW-5D	WATER	FREWSBURG, NY	04/28/15 13:49	04/30/15
L1509071-08	MW-6	WATER	FREWSBURG, NY	04/29/15 10:49	04/30/15
L1509071-09	MW-7	WATER	FREWSBURG, NY	04/28/15 14:30	04/30/15
L1509071-10	MW-8	WATER	FREWSBURG, NY	04/28/15 12:21	05/01/15
L1509071-11	MW-9R	WATER	FREWSBURG, NY	04/29/15 12:45	04/30/15
L1509071-12	BLIND DUP	WATER	FREWSBURG, NY	04/29/15 12:00	04/30/15
L1509071-13	MW-10	WATER	FREWSBURG, NY	04/28/15 11:41	04/30/15
L1509071-14	MW-11R	WATER	FREWSBURG, NY	04/29/15 11:27	04/30/15
L1509071-15	MW-12	WATER	FREWSBURG, NY	04/29/15 15:26	04/30/15
L1509071-16	MW-13	WATER	FREWSBURG, NY	04/29/15 14:39	04/30/15
L1509071-17	MW-14	WATER	FREWSBURG, NY	04/29/15 13:39	04/30/15
L1509071-18	EQ BLANK	WATER	FREWSBURG, NY	04/29/15 16:30	04/30/15
L1509071-19	TRIP BLANK	WATER	FREWSBURG, NY	04/28/15 00:00	04/30/15

Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

Vials for sample "MW-8" were received on May 1, 2015.

Volatile Organics

The WG783411-4/-5 MS/MSD recoveries, performed on L1509071-17, are outside the acceptance criteria for chloromethane (51%/53%), 2-butanone (MS 62%), methyl acetate (62%/64%), and cyclohexane (64%/64%); however, the associated LCS/LCSD recoveries are within overall method allowances.

The WG783411-4/-5 MS/MSD RPD is above the acceptance criteria for 1,4-dioxane (38%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/11/15

ORGANICS

VOLATILES

Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-01
Client ID: MW-1
Sample Location: FREWSBURG, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/07/15 17:19
Analyst: PD

Date Collected: 04/28/15 13:13
Date Received: 04/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-01

Date Collected: 04/28/15 13:13

Client ID: MW-1

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	97		70-130

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-02 D
 Client ID: MW-2
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 20:12
 Analyst: PD

Date Collected: 04/29/15 12:02
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6200	1800	2500
1,1-Dichloroethane	ND		ug/l	6200	1800	2500
Chloroform	ND		ug/l	6200	1800	2500
Carbon tetrachloride	ND		ug/l	1200	340	2500
1,2-Dichloropropane	ND		ug/l	2500	330	2500
Dibromochloromethane	ND		ug/l	1200	370	2500
1,1,2-Trichloroethane	ND		ug/l	3800	1200	2500
Tetrachloroethene	ND		ug/l	1200	450	2500
Chlorobenzene	ND		ug/l	6200	1800	2500
Trichlorofluoromethane	ND		ug/l	6200	1800	2500
1,2-Dichloroethane	ND		ug/l	1200	330	2500
1,1,1-Trichloroethane	ND		ug/l	6200	1800	2500
Bromodichloromethane	ND		ug/l	1200	480	2500
trans-1,3-Dichloropropene	ND		ug/l	1200	410	2500
cis-1,3-Dichloropropene	ND		ug/l	1200	360	2500
Bromoform	ND		ug/l	5000	1600	2500
1,1,2,2-Tetrachloroethane	ND		ug/l	1200	360	2500
Benzene	ND		ug/l	1200	400	2500
Toluene	ND		ug/l	6200	1800	2500
Ethylbenzene	ND		ug/l	6200	1800	2500
Chloromethane	ND		ug/l	6200	1800	2500
Bromomethane	ND		ug/l	6200	1800	2500
Vinyl chloride	70000		ug/l	2500	170	2500
Chloroethane	ND		ug/l	6200	1800	2500
1,1-Dichloroethene	ND		ug/l	1200	360	2500
trans-1,2-Dichloroethene	ND		ug/l	6200	1800	2500
Trichloroethene	ND		ug/l	1200	440	2500
1,2-Dichlorobenzene	ND		ug/l	6200	1800	2500
1,3-Dichlorobenzene	ND		ug/l	6200	1800	2500
1,4-Dichlorobenzene	ND		ug/l	6200	1800	2500

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-02 D

Date Collected: 04/29/15 12:02

Client ID: MW-2

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	6200	1800	2500
p/m-Xylene	ND		ug/l	6200	1800	2500
o-Xylene	ND		ug/l	6200	1800	2500
cis-1,2-Dichloroethene	110000		ug/l	6200	1800	2500
Styrene	ND		ug/l	6200	1800	2500
Dichlorodifluoromethane	ND		ug/l	12000	2500	2500
Acetone	ND		ug/l	12000	3600	2500
Carbon disulfide	ND		ug/l	12000	2500	2500
2-Butanone	ND		ug/l	12000	4800	2500
4-Methyl-2-pentanone	ND		ug/l	12000	2500	2500
2-Hexanone	ND		ug/l	12000	2500	2500
Bromochloromethane	ND		ug/l	6200	1800	2500
1,2-Dibromoethane	ND		ug/l	5000	1600	2500
1,2-Dibromo-3-chloropropane	ND		ug/l	6200	1800	2500
Isopropylbenzene	ND		ug/l	6200	1800	2500
1,2,3-Trichlorobenzene	ND		ug/l	6200	1800	2500
1,2,4-Trichlorobenzene	ND		ug/l	6200	1800	2500
Methyl Acetate	ND		ug/l	5000	580	2500
Cyclohexane	ND		ug/l	25000	680	2500
1,4-Dioxane	ND		ug/l	620000	100000	2500
Freon-113	ND		ug/l	6200	1800	2500
Methyl cyclohexane	ND		ug/l	25000	990	2500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-03 D
 Client ID: MW-3
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 20:47
 Analyst: PD

Date Collected: 04/29/15 13:30
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	13.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	14.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	ND		ug/l	100	7.0	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	14.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	3400		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-03 D

Date Collected: 04/29/15 13:30

Client ID: MW-3

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	1100		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	4100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	95		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-04 D
 Client ID: MW-4
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 21:22
 Analyst: PD

Date Collected: 04/28/15 15:06
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2500	700	1000
1,1-Dichloroethane	ND		ug/l	2500	700	1000
Chloroform	ND		ug/l	2500	700	1000
Carbon tetrachloride	ND		ug/l	500	130	1000
1,2-Dichloropropane	ND		ug/l	1000	130	1000
Dibromochloromethane	ND		ug/l	500	150	1000
1,1,2-Trichloroethane	ND		ug/l	1500	500	1000
Tetrachloroethene	ND		ug/l	500	180	1000
Chlorobenzene	ND		ug/l	2500	700	1000
Trichlorofluoromethane	ND		ug/l	2500	700	1000
1,2-Dichloroethane	ND		ug/l	500	130	1000
1,1,1-Trichloroethane	ND		ug/l	2500	700	1000
Bromodichloromethane	ND		ug/l	500	190	1000
trans-1,3-Dichloropropene	ND		ug/l	500	160	1000
cis-1,3-Dichloropropene	ND		ug/l	500	140	1000
Bromoform	ND		ug/l	2000	650	1000
1,1,2,2-Tetrachloroethane	ND		ug/l	500	140	1000
Benzene	ND		ug/l	500	160	1000
Toluene	ND		ug/l	2500	700	1000
Ethylbenzene	ND		ug/l	2500	700	1000
Chloromethane	ND		ug/l	2500	700	1000
Bromomethane	ND		ug/l	2500	700	1000
Vinyl chloride	ND		ug/l	1000	70.	1000
Chloroethane	ND		ug/l	2500	700	1000
1,1-Dichloroethene	ND		ug/l	500	140	1000
trans-1,2-Dichloroethene	ND		ug/l	2500	700	1000
Trichloroethene	35000		ug/l	500	180	1000
1,2-Dichlorobenzene	ND		ug/l	2500	700	1000
1,3-Dichlorobenzene	ND		ug/l	2500	700	1000
1,4-Dichlorobenzene	ND		ug/l	2500	700	1000

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-04 D

Date Collected: 04/28/15 15:06

Client ID: MW-4

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2500	700	1000
p/m-Xylene	ND		ug/l	2500	700	1000
o-Xylene	ND		ug/l	2500	700	1000
cis-1,2-Dichloroethene	3000		ug/l	2500	700	1000
Styrene	ND		ug/l	2500	700	1000
Dichlorodifluoromethane	ND		ug/l	5000	1000	1000
Acetone	ND		ug/l	5000	1500	1000
Carbon disulfide	ND		ug/l	5000	1000	1000
2-Butanone	ND		ug/l	5000	1900	1000
4-Methyl-2-pentanone	ND		ug/l	5000	1000	1000
2-Hexanone	ND		ug/l	5000	1000	1000
Bromochloromethane	ND		ug/l	2500	700	1000
1,2-Dibromoethane	ND		ug/l	2000	650	1000
1,2-Dibromo-3-chloropropane	ND		ug/l	2500	700	1000
Isopropylbenzene	ND		ug/l	2500	700	1000
1,2,3-Trichlorobenzene	ND		ug/l	2500	700	1000
1,2,4-Trichlorobenzene	ND		ug/l	2500	700	1000
Methyl Acetate	ND		ug/l	2000	230	1000
Cyclohexane	ND		ug/l	10000	270	1000
1,4-Dioxane	ND		ug/l	250000	41000	1000
Freon-113	ND		ug/l	2500	700	1000
Methyl cyclohexane	ND		ug/l	10000	400	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-05
 Client ID: MW-4D
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 17:54
 Analyst: PD

Date Collected: 04/28/15 15:57
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.29	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS****Lab ID:** L1509071-05**Date Collected:** 04/28/15 15:57**Client ID:** MW-4D**Date Received:** 04/30/15**Sample Location:** FREWSBURG, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-06
 Client ID: MW-5
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 18:28
 Analyst: PD

Date Collected: 04/28/15 14:03
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-06

Date Collected: 04/28/15 14:03

Client ID: MW-5

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-07
 Client ID: MW-5D
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 19:03
 Analyst: PD

Date Collected: 04/28/15 13:49
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-07

Date Collected: 04/28/15 13:49

Client ID: MW-5D

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-08
 Client ID: MW-6
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/15 19:37
 Analyst: PD

Date Collected: 04/29/15 10:49
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-08

Date Collected: 04/29/15 10:49

Client ID: MW-6

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-09
 Client ID: MW-7
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 16:31
 Analyst: PD

Date Collected: 04/28/15 14:30
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS****Lab ID:** L1509071-09**Date Collected:** 04/28/15 14:30**Client ID:** MW-7**Date Received:** 04/30/15**Sample Location:** FREWSBURG, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-10
 Client ID: MW-8
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 16:59
 Analyst: PD

Date Collected: 04/28/15 12:21
 Date Received: 05/01/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-10

Date Collected: 04/28/15 12:21

Client ID: MW-8

Date Received: 05/01/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-11 D
 Client ID: MW-9R
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 17:27
 Analyst: PD

Date Collected: 04/29/15 12:45
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	13.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	14.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	250		ug/l	100	7.0	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	14.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	1600		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-11 D

Date Collected: 04/29/15 12:45

Client ID: MW-9R

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	3100		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	260	J	ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	4100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-12 D
 Client ID: BLIND DUP
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 17:55
 Analyst: PD

Date Collected: 04/29/15 12:00
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	13.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	14.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	250		ug/l	100	7.0	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	14.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	1400		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-12 D

Date Collected: 04/29/15 12:00

Client ID: BLIND DUP

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	3000		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	250	J	ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	4100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-13
 Client ID: MW-10
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 18:22
 Analyst: PD

Date Collected: 04/28/15 11:41
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-13

Date Collected: 04/28/15 11:41

Client ID: MW-10

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-14 D
 Client ID: MW-11R
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 18:50
 Analyst: PD

Date Collected: 04/29/15 11:27
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	66.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	ND		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	72.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	ND		ug/l	500	35.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	ND		ug/l	250	71.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	14000		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS****Lab ID:** L1509071-14 D**Date Collected:** 04/29/15 11:27**Client ID:** MW-11R**Date Received:** 04/30/15**Sample Location:** FREWSBURG, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	3600		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	1300	J	ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	20000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-15 D
 Client ID: MW-12
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/09/15 12:58
 Analyst: PD

Date Collected: 04/29/15 15:26
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.6	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	ND		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	7.2	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	ND		ug/l	50	3.5	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	7.1	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	3200		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-15 D

Date Collected: 04/29/15 15:26

Client ID: MW-12

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	93	J	ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	2000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	98		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-16 D
 Client ID: MW-13
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/09/15 13:32
 Analyst: PD

Date Collected: 04/29/15 14:39
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	13.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	14.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	ND		ug/l	100	7.0	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	14.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	7600		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-16 D

Date Collected: 04/29/15 14:39

Client ID: MW-13

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	1600		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	4100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	94		70-130

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-17 D
 Client ID: MW-14
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 19:51
 Analyst: PD

Date Collected: 04/29/15 13:39
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	620	180	250
1,1-Dichloroethane	ND		ug/l	620	180	250
Chloroform	ND		ug/l	620	180	250
Carbon tetrachloride	ND		ug/l	120	34.	250
1,2-Dichloropropane	ND		ug/l	250	33.	250
Dibromochloromethane	ND		ug/l	120	37.	250
1,1,2-Trichloroethane	ND		ug/l	380	120	250
Tetrachloroethene	ND		ug/l	120	45.	250
Chlorobenzene	ND		ug/l	620	180	250
Trichlorofluoromethane	ND		ug/l	620	180	250
1,2-Dichloroethane	ND		ug/l	120	33.	250
1,1,1-Trichloroethane	ND		ug/l	620	180	250
Bromodichloromethane	ND		ug/l	120	48.	250
trans-1,3-Dichloropropene	ND		ug/l	120	41.	250
cis-1,3-Dichloropropene	ND		ug/l	120	36.	250
Bromoform	ND		ug/l	500	160	250
1,1,2,2-Tetrachloroethane	ND		ug/l	120	36.	250
Benzene	ND		ug/l	120	40.	250
Toluene	ND		ug/l	620	180	250
Ethylbenzene	ND		ug/l	620	180	250
Chloromethane	ND		ug/l	620	180	250
Bromomethane	ND		ug/l	620	180	250
Vinyl chloride	ND		ug/l	250	17.	250
Chloroethane	ND		ug/l	620	180	250
1,1-Dichloroethene	ND		ug/l	120	36.	250
trans-1,2-Dichloroethene	ND		ug/l	620	180	250
Trichloroethene	9700		ug/l	120	44.	250
1,2-Dichlorobenzene	ND		ug/l	620	180	250
1,3-Dichlorobenzene	ND		ug/l	620	180	250
1,4-Dichlorobenzene	ND		ug/l	620	180	250

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS**

Lab ID: L1509071-17 D

Date Collected: 04/29/15 13:39

Client ID: MW-14

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	620	180	250
p/m-Xylene	ND		ug/l	620	180	250
o-Xylene	ND		ug/l	620	180	250
cis-1,2-Dichloroethene	1300		ug/l	620	180	250
Styrene	ND		ug/l	620	180	250
Dichlorodifluoromethane	ND		ug/l	1200	250	250
Acetone	ND		ug/l	1200	360	250
Carbon disulfide	ND		ug/l	1200	250	250
2-Butanone	ND		ug/l	1200	480	250
4-Methyl-2-pentanone	ND		ug/l	1200	250	250
2-Hexanone	ND		ug/l	1200	250	250
Bromochloromethane	ND		ug/l	620	180	250
1,2-Dibromoethane	ND		ug/l	500	160	250
1,2-Dibromo-3-chloropropane	ND		ug/l	620	180	250
Isopropylbenzene	ND		ug/l	620	180	250
1,2,3-Trichlorobenzene	ND		ug/l	620	180	250
1,2,4-Trichlorobenzene	ND		ug/l	620	180	250
Methyl Acetate	ND		ug/l	500	58.	250
Cyclohexane	ND		ug/l	2500	68.	250
1,4-Dioxane	ND		ug/l	62000	10000	250
Freon-113	ND		ug/l	620	180	250
Methyl cyclohexane	ND		ug/l	2500	99.	250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-18
 Client ID: EQ BLANK
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 19:23
 Analyst: MS

Date Collected: 04/29/15 16:30
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.26	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**SAMPLE RESULTS****Lab ID:** L1509071-18**Date Collected:** 04/29/15 16:30**Client ID:** EQ BLANK**Date Received:** 04/30/15**Sample Location:** FREWSBURG, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-19
 Client ID: TRIP BLANK
 Sample Location: FREWSBURG, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/08/15 19:58
 Analyst: MS

Date Collected: 04/28/15 00:00
 Date Received: 04/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

SAMPLE RESULTS

Lab ID: L1509071-19

Date Collected: 04/28/15 00:00

Client ID: TRIP BLANK

Date Received: 04/30/15

Sample Location: FREWSBURG, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	95		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/07/15 12:05
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG783015-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/07/15 12:05
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG783015-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 05/07/15 12:05**Analyst:** PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG783015-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	98		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 09:34
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-14 Batch: WG783260-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 09:34
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-14 Batch: WG783260-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 05/08/15 09:34

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-14 Batch: WG783260-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 11:04
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG783401-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 11:04
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG783401-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 05/08/15 11:04

Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG783401-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	95		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 11:18
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG783411-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/15 11:18
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG783411-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 05/08/15 11:18

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG783411-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/09/15 12:23
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG783545-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/09/15 12:23
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG783545-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: SGK VENTURES LLC**Lab Number:** L1509071**Project Number:** 0095-005-002/002**Report Date:** 05/11/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 05/09/15 12:23

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG783545-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG783015-1 WG783015-2								
Methylene chloride	93		93		70-130	0		20
1,1-Dichloroethane	103		101		70-130	2		20
Chloroform	95		94		70-130	1		20
Carbon tetrachloride	105		104		63-132	1		20
1,2-Dichloropropane	98		98		70-130	0		20
Dibromochloromethane	88		86		63-130	2		20
1,1,2-Trichloroethane	99		98		70-130	1		20
Tetrachloroethene	77		74		70-130	4		20
Chlorobenzene	89		87		75-130	2		20
Trichlorofluoromethane	99		95		62-150	4		20
1,2-Dichloroethane	101		101		70-130	0		20
1,1,1-Trichloroethane	96		94		67-130	2		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	106		105		70-130	1		20
cis-1,3-Dichloropropene	95		94		70-130	1		20
1,1-Dichloropropene	90		89		70-130	1		20
Bromoform	91		90		54-136	1		20
1,1,2,2-Tetrachloroethane	103		104		67-130	1		20
Benzene	95		94		70-130	1		20
Toluene	94		92		70-130	2		20
Ethylbenzene	95		92		70-130	3		20

Lab Control Sample Analysis Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG783015-1 WG783015-2								
Chloromethane	94		86		64-130	9		20
Bromomethane	74		66		39-139	11		20
Vinyl chloride	137		136		55-140	1		20
Chloroethane	122		116		55-138	5		20
1,1-Dichloroethene	91		90		61-145	1		20
trans-1,2-Dichloroethene	88		86		70-130	2		20
Trichloroethene	89		87		70-130	2		20
1,2-Dichlorobenzene	88		86		70-130	2		20
1,3-Dichlorobenzene	88		87		70-130	1		20
1,4-Dichlorobenzene	88		86		70-130	2		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	93		91		70-130	2		20
o-Xylene	95		93		70-130	2		20
cis-1,2-Dichloroethene	89		87		70-130	2		20
Dibromomethane	89		89		70-130	0		20
1,2,3-Trichloropropane	104		104		64-130	0		20
Acrylonitrile	112		116		70-130	4		20
Diisopropyl Ether	111		110		70-130	1		20
Tert-Butyl Alcohol	99		97		70-130	2		20
Styrene	95		92		70-130	3		20
Dichlorodifluoromethane	104		101		36-147	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG783015-1 WG783015-2								
Acetone	122		113		58-148	8		20
Carbon disulfide	92		91		51-130	1		20
2-Butanone	112		114		63-138	2		20
Vinyl acetate	122		122		70-130	0		20
4-Methyl-2-pentanone	103		106		59-130	3		20
2-Hexanone	117		118		57-130	1		20
Acrolein	89		89		40-160	0		20
Bromochloromethane	95		92		70-130	3		20
2,2-Dichloropropane	121		119		63-133	2		20
1,2-Dibromoethane	89		89		70-130	0		20
1,3-Dichloropropane	97		97		70-130	0		20
1,1,1,2-Tetrachloroethane	99		97		64-130	2		20
Bromobenzene	89		87		70-130	2		20
n-Butylbenzene	97		95		53-136	2		20
sec-Butylbenzene	93		90		70-130	3		20
tert-Butylbenzene	92		89		70-130	3		20
o-Chlorotoluene	100		97		70-130	3		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	101		100		41-144	1		20
Hexachlorobutadiene	70		69		63-130	1		20
Isopropylbenzene	89		87		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG783015-1 WG783015-2								
p-Isopropyltoluene	91		88		70-130	3		20
Naphthalene	86		85		70-130	1		20
n-Propylbenzene	99		97		69-130	2		20
1,2,3-Trichlorobenzene	78		76		70-130	3		20
1,2,4-Trichlorobenzene	79		78		70-130	1		20
1,3,5-Trimethylbenzene	96		94		64-130	2		20
1,2,4-Trimethylbenzene	97		95		70-130	2		20
Methyl Acetate	99		100		70-130	1		20
Ethyl Acetate	114		118		70-130	3		20
Cyclohexane	97		96		70-130	1		20
Ethyl-Tert-Butyl-Ether	103		104		70-130	1		20
Tertiary-Amyl Methyl Ether	90		89		66-130	1		20
1,4-Dioxane	94		96		56-162	2		20
Freon-113	82		79		70-130	4		20
p-Diethylbenzene	94		91		70-130	3		20
p-Ethyltoluene	98		96		70-130	2		20
1,2,4,5-Tetramethylbenzene	94		92		70-130	2		20
Ethyl ether	106		108		59-134	2		20
trans-1,4-Dichloro-2-butene	112		111		70-130	1		20
Iodomethane	39	Q	45	Q	70-130	14		20
Methyl cyclohexane	81		79		70-130	3		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG783015-1 WG783015-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	113		112		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-14 Batch: WG783260-1 WG783260-2								
Methylene chloride	105		94		70-130	11		20
1,1-Dichloroethane	104		93		70-130	11		20
Chloroform	112		100		70-130	11		20
2-Chloroethylvinyl ether	92		86		70-130	7		20
Carbon tetrachloride	107		95		63-132	12		20
1,2-Dichloropropane	104		93		70-130	11		20
Dibromochloromethane	113		103		63-130	9		20
1,1,2-Trichloroethane	113		104		70-130	8		20
Tetrachloroethene	110		98		70-130	12		20
Chlorobenzene	106		96		75-130	10		20
Trichlorofluoromethane	99		84		62-150	16		20
1,2-Dichloroethane	105		95		70-130	10		20
1,1,1-Trichloroethane	111		99		67-130	11		20
Bromodichloromethane	106		94		67-130	12		20
trans-1,3-Dichloropropene	126		114		70-130	10		20
cis-1,3-Dichloropropene	91		81		70-130	12		20
1,1-Dichloropropene	110		99		70-130	11		20
Bromoform	108		98		54-136	10		20
1,1,2,2-Tetrachloroethane	104		96		67-130	8		20
Benzene	104		93		70-130	11		20
Toluene	110		99		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-14 Batch: WG783260-1 WG783260-2								
Ethylbenzene	115		103		70-130	11		20
Chloromethane	92		75		64-130	20		20
Bromomethane	75		68		39-139	10		20
Vinyl chloride	104		90		55-140	14		20
Chloroethane	102		82		55-138	22	Q	20
1,1-Dichloroethene	100		89		61-145	12		20
trans-1,2-Dichloroethene	105		93		70-130	12		20
Trichloroethene	103		92		70-130	11		20
1,2-Dichlorobenzene	103		92		70-130	11		20
1,3-Dichlorobenzene	110		97		70-130	13		20
1,4-Dichlorobenzene	107		95		70-130	12		20
Methyl tert butyl ether	106		99		63-130	7		20
p/m-Xylene	119		107		70-130	11		20
o-Xylene	112		101		70-130	10		20
cis-1,2-Dichloroethene	105		94		70-130	11		20
Dibromomethane	99		90		70-130	10		20
1,2,3-Trichloropropane	115		111		64-130	4		20
Acrylonitrile	113		108		70-130	5		20
Diisopropyl Ether	102		93		70-130	9		20
Tert-Butyl Alcohol	106		115		70-130	8		20
Styrene	67	Q	62	Q	70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-14 Batch: WG783260-1 WG783260-2								
Dichlorodifluoromethane	94		82		36-147	14		20
Acetone	87		82		58-148	6		20
Carbon disulfide	101		87		51-130	15		20
2-Butanone	82		80		63-138	2		20
Vinyl acetate	111		101		70-130	9		20
4-Methyl-2-pentanone	97		93		59-130	4		20
2-Hexanone	114		109		57-130	4		20
Bromochloromethane	106		96		70-130	10		20
2,2-Dichloropropane	111		98		63-133	12		20
1,2-Dibromoethane	112		104		70-130	7		20
1,3-Dichloropropane	114		104		70-130	9		20
1,1,1,2-Tetrachloroethane	118		105		64-130	12		20
Bromobenzene	100		91		70-130	9		20
n-Butylbenzene	117		103		53-136	13		20
sec-Butylbenzene	106		95		70-130	11		20
tert-Butylbenzene	90		80		70-130	12		20
o-Chlorotoluene	111		100		70-130	10		20
p-Chlorotoluene	108		96		70-130	12		20
1,2-Dibromo-3-chloropropane	110		98		41-144	12		20
Hexachlorobutadiene	86		77		63-130	11		20
Isopropylbenzene	99		91		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-14 Batch: WG783260-1 WG783260-2								
p-Isopropyltoluene	108		96		70-130	12		20
Naphthalene	96		87		70-130	10		20
n-Propylbenzene	99		88		69-130	12		20
1,2,3-Trichlorobenzene	104		94		70-130	10		20
1,2,4-Trichlorobenzene	110		97		70-130	13		20
1,3,5-Trimethylbenzene	115		102		64-130	12		20
1,2,4-Trimethylbenzene	109		97		70-130	12		20
Methyl Acetate	106		102		70-130	4		20
Ethyl Acetate	112		107		70-130	5		20
Cyclohexane	109		97		70-130	12		20
Ethyl-Tert-Butyl-Ether	107		98		70-130	9		20
Tertiary-Amyl Methyl Ether	106		99		66-130	7		20
1,4-Dioxane	114		140		56-162	20		20
Freon-113	106		93		70-130	13		20
p-Diethylbenzene	99		87		70-130	13		20
p-Ethyltoluene	105		93		70-130	12		20
1,2,4,5-Tetramethylbenzene	94		82		70-130	14		20
Ethyl ether	100		91		59-134	9		20
trans-1,4-Dichloro-2-butene	116		106		70-130	9		20
Iodomethane	39	Q	40	Q	70-130	3		20
Methyl cyclohexane	103		91		70-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-14 Batch: WG783260-1 WG783260-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG783401-1 WG783401-2								
Methylene chloride	98		88		70-130	11		20
1,1-Dichloroethane	93		84		70-130	10		20
Chloroform	95		86		70-130	10		20
2-Chloroethylvinyl ether	103		83		70-130	22	Q	20
Carbon tetrachloride	98		89		63-132	10		20
1,2-Dichloropropane	97		87		70-130	11		20
Dibromochloromethane	107		96		63-130	11		20
1,1,2-Trichloroethane	109		97		70-130	12		20
Tetrachloroethene	115		107		70-130	7		20
Chlorobenzene	104		96		75-130	8		20
Trichlorofluoromethane	85		80		62-150	6		20
1,2-Dichloroethane	93		80		70-130	15		20
1,1,1-Trichloroethane	94		87		67-130	8		20
Bromodichloromethane	92		84		67-130	9		20
trans-1,3-Dichloropropene	102		89		70-130	14		20
cis-1,3-Dichloropropene	97		85		70-130	13		20
1,1-Dichloropropene	95		88		70-130	8		20
Bromoform	113		101		54-136	11		20
1,1,2,2-Tetrachloroethane	102		91		67-130	11		20
Benzene	104		96		70-130	8		20
Toluene	104		96		70-130	8		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG783401-1 WG783401-2								
Ethylbenzene	105		97		70-130	8		20
Chloromethane	78		73		64-130	7		20
Bromomethane	79		70		39-139	12		20
Vinyl chloride	89		84		55-140	6		20
Chloroethane	105		97		55-138	8		20
1,1-Dichloroethene	103		94		61-145	9		20
trans-1,2-Dichloroethene	103		98		70-130	5		20
Trichloroethene	97		88		70-130	10		20
1,2-Dichlorobenzene	102		93		70-130	9		20
1,3-Dichlorobenzene	100		92		70-130	8		20
1,4-Dichlorobenzene	100		91		70-130	9		20
Methyl tert butyl ether	108		92		63-130	16		20
p/m-Xylene	107		98		70-130	9		20
o-Xylene	107		97		70-130	10		20
cis-1,2-Dichloroethene	103		94		70-130	9		20
Dibromomethane	101		88		70-130	14		20
1,2,3-Trichloropropane	102		89		64-130	14		20
Acrylonitrile	111		92		70-130	19		20
Diisopropyl Ether	87		79		70-130	10		20
Tert-Butyl Alcohol	111		90		70-130	21	Q	20
Styrene	112		101		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG783401-1 WG783401-2								
Dichlorodifluoromethane	142		126		36-147	12		20
Acetone	93		80		58-148	15		20
Carbon disulfide	93		86		51-130	8		20
2-Butanone	104		86		63-138	19		20
Vinyl acetate	77		67	Q	70-130	14		20
4-Methyl-2-pentanone	109		90		59-130	19		20
2-Hexanone	93		81		57-130	14		20
Bromochloromethane	109		100		70-130	9		20
2,2-Dichloropropane	91		83		63-133	9		20
1,2-Dibromoethane	110		96		70-130	14		20
1,3-Dichloropropane	108		95		70-130	13		20
1,1,1,2-Tetrachloroethane	108		98		64-130	10		20
Bromobenzene	104		95		70-130	9		20
n-Butylbenzene	87		82		53-136	6		20
sec-Butylbenzene	93		87		70-130	7		20
tert-Butylbenzene	93		88		70-130	6		20
o-Chlorotoluene	90		85		70-130	6		20
p-Chlorotoluene	96		89		70-130	8		20
1,2-Dibromo-3-chloropropane	89		75		41-144	17		20
Hexachlorobutadiene	93		90		63-130	3		20
Isopropylbenzene	96		91		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG783401-1 WG783401-2								
p-Isopropyltoluene	93		88		70-130	6		20
Naphthalene	119		104		70-130	13		20
n-Propylbenzene	97		91		69-130	6		20
1,2,3-Trichlorobenzene	95		84		70-130	12		20
1,2,4-Trichlorobenzene	98		89		70-130	10		20
1,3,5-Trimethylbenzene	97		91		64-130	6		20
1,2,4-Trimethylbenzene	97		89		70-130	9		20
Methyl Acetate	105		88		70-130	18		20
Ethyl Acetate	97		81		70-130	18		20
Cyclohexane	96		88		70-130	9		20
Ethyl-Tert-Butyl-Ether	95		84		70-130	12		20
Tertiary-Amyl Methyl Ether	96		84		66-130	13		20
1,4-Dioxane	133		95		56-162	33	Q	20
Freon-113	101		92		70-130	9		20
p-Diethylbenzene	94		87		70-130	8		20
p-Ethyltoluene	99		92		70-130	7		20
1,2,4,5-Tetramethylbenzene	115		105		70-130	9		20
Ethyl ether	124		106		59-134	16		20
trans-1,4-Dichloro-2-butene	88		77		70-130	13		20
Iodomethane	62	Q	78		70-130	23	Q	20
Methyl cyclohexane	98		91		70-130	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG783401-1 WG783401-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		88		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	88		89		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG783411-1 WG783411-2								
Methylene chloride	105		106		70-130	1		20
1,1-Dichloroethane	90		88		70-130	2		20
Chloroform	103		102		70-130	1		20
2-Chloroethylvinyl ether	94		92		70-130	2		20
Carbon tetrachloride	90		90		63-132	0		20
1,2-Dichloropropane	87		89		70-130	2		20
Dibromochloromethane	92		95		63-130	3		20
1,1,2-Trichloroethane	104		112		70-130	7		20
Tetrachloroethene	94		97		70-130	3		20
Chlorobenzene	94		99		75-130	5		20
Trichlorofluoromethane	107		105		62-150	2		20
1,2-Dichloroethane	92		92		70-130	0		20
1,1,1-Trichloroethane	99		97		67-130	2		20
Bromodichloromethane	104		103		67-130	1		20
trans-1,3-Dichloropropene	96		101		70-130	5		20
cis-1,3-Dichloropropene	103		103		70-130	0		20
1,1-Dichloropropene	108		107		70-130	1		20
Bromoform	90		96		54-136	6		20
1,1,2,2-Tetrachloroethane	108		113		67-130	5		20
Benzene	102		102		70-130	0		20
Toluene	95		99		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG783411-1 WG783411-2								
Ethylbenzene	98		103		70-130	5		20
Chloromethane	56	Q	55	Q	64-130	2		20
Bromomethane	74		72		39-139	3		20
Vinyl chloride	89		87		55-140	2		20
Chloroethane	101		106		55-138	5		20
1,1-Dichloroethene	103		100		61-145	3		20
trans-1,2-Dichloroethene	98		98		70-130	0		20
Trichloroethene	102		100		70-130	2		20
1,2-Dichlorobenzene	93		97		70-130	4		20
1,3-Dichlorobenzene	91		97		70-130	6		20
1,4-Dichlorobenzene	92		98		70-130	6		20
Methyl tert butyl ether	107		106		63-130	1		20
p/m-Xylene	98		103		70-130	5		20
o-Xylene	98		102		70-130	4		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	106		108		70-130	2		20
1,2,3-Trichloropropane	109		117		64-130	7		20
Acrylonitrile	69	Q	70		70-130	1		20
Diisopropyl Ether	68	Q	68	Q	70-130	0		20
Tert-Butyl Alcohol	73		74		70-130	1		20
Styrene	101		104		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG783411-1 WG783411-2								
Dichlorodifluoromethane	95		94		36-147	1		20
Acetone	72		76		58-148	5		20
Carbon disulfide	111		108		51-130	3		20
2-Butanone	68		69		63-138	1		20
Vinyl acetate	76		75		70-130	1		20
4-Methyl-2-pentanone	80		79		59-130	1		20
2-Hexanone	76		79		57-130	4		20
Bromochloromethane	103		101		70-130	2		20
2,2-Dichloropropane	94		93		63-133	1		20
1,2-Dibromoethane	98		105		70-130	7		20
1,3-Dichloropropane	105		112		70-130	6		20
1,1,1,2-Tetrachloroethane	90		96		64-130	6		20
Bromobenzene	92		95		70-130	3		20
n-Butylbenzene	103		107		53-136	4		20
sec-Butylbenzene	98		102		70-130	4		20
tert-Butylbenzene	96		101		70-130	5		20
o-Chlorotoluene	98		103		70-130	5		20
p-Chlorotoluene	97		101		70-130	4		20
1,2-Dibromo-3-chloropropane	102		107		41-144	5		20
Hexachlorobutadiene	106		109		63-130	3		20
Isopropylbenzene	94		100		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG783411-1 WG783411-2								
p-Isopropyltoluene	98		102		70-130	4		20
Naphthalene	96		101		70-130	5		20
n-Propylbenzene	100		104		69-130	4		20
1,2,3-Trichlorobenzene	97		102		70-130	5		20
1,2,4-Trichlorobenzene	98		103		70-130	5		20
1,3,5-Trimethylbenzene	97		102		64-130	5		20
1,2,4-Trimethylbenzene	95		100		70-130	5		20
Methyl Acetate	73		73		70-130	0		20
Ethyl Acetate	72		72		70-130	0		20
Cyclohexane	73		72		70-130	1		20
Ethyl-Tert-Butyl-Ether	80		80		70-130	0		20
Tertiary-Amyl Methyl Ether	103		104		66-130	1		20
1,4-Dioxane	141		146		56-162	3		20
Freon-113	103		102		70-130	1		20
p-Diethylbenzene	99		103		70-130	4		20
p-Ethyltoluene	97		102		70-130	5		20
1,2,4,5-Tetramethylbenzene	97		101		70-130	4		20
Ethyl ether	106		104		59-134	2		20
trans-1,4-Dichloro-2-butene	69	Q	74		70-130	7		20
Methyl cyclohexane	105		103		70-130	2		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG783411-1 WG783411-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		92		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		95		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG783545-1 WG783545-2								
Methylene chloride	105		88		70-130	18		20
1,1-Dichloroethane	115		102		70-130	12		20
Chloroform	104		92		70-130	12		20
Carbon tetrachloride	115		104		63-132	10		20
1,2-Dichloropropane	109		95		70-130	14		20
Dibromochloromethane	92		83		63-130	10		20
1,1,2-Trichloroethane	103		94		70-130	9		20
Tetrachloroethene	87		79		70-130	10		20
Chlorobenzene	99		88		75-130	12		20
Trichlorofluoromethane	108		98		62-150	10		20
1,2-Dichloroethane	107		95		70-130	12		20
1,1,1-Trichloroethane	106		95		67-130	11		20
Bromodichloromethane	101		89		67-130	13		20
trans-1,3-Dichloropropene	114		103		70-130	10		20
cis-1,3-Dichloropropene	103		92		70-130	11		20
1,1-Dichloropropene	101		92		70-130	9		20
Bromoform	95		85		54-136	11		20
1,1,2,2-Tetrachloroethane	107		98		67-130	9		20
Benzene	107		95		70-130	12		20
Toluene	108		95		70-130	13		20
Ethylbenzene	106		95		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG783545-1 WG783545-2								
Chloromethane	113		108		64-130	5		20
Bromomethane	106		82		39-139	26	Q	20
Vinyl chloride	158	Q	140		55-140	12		20
Chloroethane	137		123		55-138	11		20
1,1-Dichloroethene	104		91		61-145	13		20
trans-1,2-Dichloroethene	99		88		70-130	12		20
Trichloroethene	98		87		70-130	12		20
1,2-Dichlorobenzene	97		86		70-130	12		20
1,3-Dichlorobenzene	98		87		70-130	12		20
1,4-Dichlorobenzene	97		87		70-130	11		20
Methyl tert butyl ether	101		91		63-130	10		20
p/m-Xylene	104		93		70-130	11		20
o-Xylene	107		95		70-130	12		20
cis-1,2-Dichloroethene	98		86		70-130	13		20
Dibromomethane	94		83		70-130	12		20
1,2,3-Trichloropropane	108		98		64-130	10		20
Acrylonitrile	114		105		70-130	8		20
Diisopropyl Ether	126		110		70-130	14		20
Tert-Butyl Alcohol	89		89		70-130	0		20
Styrene	104		94		70-130	10		20
Dichlorodifluoromethane	117		104		36-147	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG783545-1 WG783545-2								
Acetone	110		102		58-148	8		20
Carbon disulfide	112		92		51-130	20		20
2-Butanone	107		100		63-138	7		20
Vinyl acetate	123		110		70-130	11		20
4-Methyl-2-pentanone	103		93		59-130	10		20
2-Hexanone	119		110		57-130	8		20
Acrolein	92		81		40-160	13		20
Bromochloromethane	104		90		70-130	14		20
2,2-Dichloropropane	136	Q	123		63-133	10		20
1,2-Dibromoethane	94		85		70-130	10		20
1,3-Dichloropropane	103		94		70-130	9		20
1,1,1,2-Tetrachloroethane	107		97		64-130	10		20
Bromobenzene	99		86		70-130	14		20
n-Butylbenzene	113		100		53-136	12		20
sec-Butylbenzene	108		96		70-130	12		20
tert-Butylbenzene	107		93		70-130	14		20
o-Chlorotoluene	113		100		70-130	12		20
p-Chlorotoluene	111		100		70-130	10		20
1,2-Dibromo-3-chloropropane	99		93		41-144	6		20
Hexachlorobutadiene	83		72		63-130	14		20
Isopropylbenzene	101		90		70-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG783545-1 WG783545-2								
p-Isopropyltoluene	106		92		70-130	14		20
Naphthalene	82		80		70-130	2		20
n-Propylbenzene	114		101		69-130	12		20
1,2,3-Trichlorobenzene	78		73		70-130	7		20
1,2,4-Trichlorobenzene	83		77		70-130	8		20
1,3,5-Trimethylbenzene	112		97		64-130	14		20
1,2,4-Trimethylbenzene	111		98		70-130	12		20
Methyl Acetate	114		96		70-130	17		20
Ethyl Acetate	118		108		70-130	9		20
Cyclohexane	114		102		70-130	11		20
Ethyl-Tert-Butyl-Ether	115		104		70-130	10		20
Tertiary-Amyl Methyl Ether	100		87		66-130	14		20
1,4-Dioxane	110		82		56-162	29	Q	20
Freon-113	93		84		70-130	10		20
p-Diethylbenzene	108		94		70-130	14		20
p-Ethyltoluene	113		100		70-130	12		20
1,2,4,5-Tetramethylbenzene	108		96		70-130	12		20
Ethyl ether	115		102		59-134	12		20
trans-1,4-Dichloro-2-butene	122		110		70-130	10		20
Iodomethane	33	Q	43	Q	70-130	26	Q	20
Methyl cyclohexane	96		85		70-130	12		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG783545-1 WG783545-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	112		113		70-130
Dibromofluoromethane	99		99		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 QC Batch ID: WG783411-4 WG783411-5 QC Sample: L1509071-17 Client ID: MW-14												
Methylene chloride	ND	2500	2300	92		2400	95		70-130	4		20
1,1-Dichloroethane	ND	2500	2100	86		2200	88		70-130	5		20
Chloroform	ND	2500	2600	103		2600	104		70-130	0		20
Carbon tetrachloride	ND	2500	2500	100		2500	101		63-132	0		20
1,2-Dichloropropane	ND	2500	2000	80		2000	82		70-130	0		20
Dibromochloromethane	ND	2500	2500	99		2500	101		63-130	0		20
1,1,2-Trichloroethane	ND	2500	2600	105		2600	105		70-130	0		20
Tetrachloroethene	ND	2500	2600	102		2500	101		70-130	4		20
Chlorobenzene	ND	2500	2400	98		2500	99		75-130	4		20
Trichlorofluoromethane	ND	2500	3000	119		3000	118		62-150	0		20
1,2-Dichloroethane	ND	2500	2500	99		2500	100		70-130	0		20
1,1,1-Trichloroethane	ND	2500	2600	106		2600	106		67-130	0		20
Bromodichloromethane	ND	2500	2700	108		2700	107		67-130	0		20
trans-1,3-Dichloropropene	ND	2500	2500	100		2600	103		70-130	4		20
cis-1,3-Dichloropropene	ND	2500	2400	95		2500	99		70-130	4		20
1,1-Dichloropropene	ND	2500	2600	106		2700	107		70-130	4		20
Bromoform	ND	2500	2400	94		2500	99		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	2500	2600	105		2700	108		67-130	4		20
Benzene	ND	2500	2300	94		2400	96		70-130	4		20
Toluene	ND	2500	2400	98		2400	97		70-130	0		20
Ethylbenzene	ND	2500	2600	104		2600	104		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 QC Batch ID: WG783411-4 WG783411-5 QC Sample: L1509071-17 Client ID: MW-14												
Chloromethane	ND	2500	1300	51	Q	1300	53	Q	64-130	0		20
Bromomethane	ND	2500	1400	55		1600	62		39-139	13		20
Vinyl chloride	ND	2500	2100	85		2200	87		55-140	5		20
Chloroethane	ND	2500	2700	106		2700	109		55-138	0		20
1,1-Dichloroethene	ND	2500	2400	97		2400	96		61-145	0		20
trans-1,2-Dichloroethene	ND	2500	2300	92		2300	94		70-130	0		20
Trichloroethene	9700	2500	12000	108		12000	112		70-130	0		20
1,2-Dichlorobenzene	ND	2500	2400	97		2500	99		70-130	4		20
1,3-Dichlorobenzene	ND	2500	2500	99		2400	98		70-130	4		20
1,4-Dichlorobenzene	ND	2500	2400	97		2400	97		70-130	0		20
Methyl tert butyl ether	ND	2500	2500	99		2600	103		63-130	4		20
p/m-Xylene	ND	5000	5100	103		5100	102		70-130	0		20
o-Xylene	ND	5000	5100	102		5200	103		70-130	2		20
cis-1,2-Dichloroethene	1300	2500	3600	91		3600	94		70-130	0		20
Dibromomethane	ND	2500	2700	108		2700	108		70-130	0		20
1,2,3-Trichloropropane	ND	2500	2800	113		3000	118		64-130	7		20
Acrylonitrile	ND	2500	1400	55	Q	1500	62	Q	70-130	7		20
Diisopropyl Ether	ND	2500	1500	59	Q	1500	61	Q	70-130	0		20
Tert-Butyl Alcohol	ND	12500	6400	51	Q	7700	61	Q	70-130	18		20
Styrene	ND	5000	5200	105		5200	105		70-130	0		20
Dichlorodifluoromethane	ND	2500	2400	98		2400	97		36-147	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 QC Batch ID: WG783411-4 WG783411-5 QC Sample: L1509071-17 Client ID: MW-14												
Acetone	ND	2500	1500	60		1800	72		58-148	18		20
Carbon disulfide	ND	2500	2200	90		2300	93		51-130	4		20
2-Butanone	ND	2500	1500	62	Q	1700	67		63-138	13		20
Vinyl acetate	ND	2500	1700	68	Q	1800	70		70-130	6		20
4-Methyl-2-pentanone	ND	2500	1600	66		1900	74		59-130	17		20
2-Hexanone	ND	2500	1800	70		1800	73		57-130	0		20
Bromochloromethane	ND	2500	2400	98		2500	100		70-130	4		20
2,2-Dichloropropane	ND	2500	2100	84		2100	84		63-133	0		20
1,2-Dibromoethane	ND	2500	2500	100		2600	103		70-130	4		20
1,3-Dichloropropane	ND	2500	2600	106		2800	112		70-130	7		20
1,1,1,2-Tetrachloroethane	ND	2500	2500	102		2500	102		64-130	0		20
Bromobenzene	ND	2500	2400	98		2400	98		70-130	0		20
n-Butylbenzene	ND	2500	2600	104		2600	105		53-136	0		20
sec-Butylbenzene	ND	2500	2500	102		2500	102		70-130	0		20
tert-Butylbenzene	ND	2500	2500	102		2600	102		70-130	4		20
o-Chlorotoluene	ND	2500	2500	102		2600	104		70-130	4		20
p-Chlorotoluene	ND	2500	2600	102		2600	103		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	2500	2700	109		2800	114		41-144	4		20
Hexachlorobutadiene	ND	2500	2600	106		2800	110		63-130	7		20
Isopropylbenzene	ND	2500	2500	98		2500	99		70-130	0		20
p-Isopropyltoluene	ND	2500	2600	103		2600	103		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 QC Batch ID: WG783411-4 WG783411-5 QC Sample: L1509071-17 Client ID: MW-14												
Naphthalene	ND	2500	2300	93		2500	100		70-130	8		20
n-Propylbenzene	ND	2500	2600	103		2600	104		69-130	0		20
1,2,3-Trichlorobenzene	ND	2500	2500	99		2600	105		70-130	4		20
1,2,4-Trichlorobenzene	ND	2500	2500	100		2600	104		70-130	4		20
1,3,5-Trimethylbenzene	ND	2500	2600	103		2600	102		64-130	0		20
1,2,4-Trimethylbenzene	ND	2500	2500	101		2600	102		70-130	4		20
Methyl Acetate	ND	2500	1500	62	Q	1600	64	Q	70-130	6		20
Ethyl Acetate	ND	2500	1500J	61	Q	1700J	68	Q	70-130	13		20
Cyclohexane	ND	2500	1600J	64	Q	1600J	64	Q	70-130	0		20
Ethyl-Tert-Butyl-Ether	ND	2500	1800	72		1900	76		70-130	5		20
Tertiary-Amyl Methyl Ether	ND	2500	2400	96		2500	100		66-130	4		20
1,4-Dioxane	ND	125000	82000	65		120000	98		56-162	38	Q	20
Freon-113	ND	2500	2400	95		2400	96		70-130	0		20
p-Diethylbenzene	ND	2500	2500	102		2500	101		70-130	0		20
p-Ethyltoluene	ND	2500	2500	101		2500	101		70-130	0		20
1,2,4,5-Tetramethylbenzene	ND	2500	2500	100		2600	103		70-130	4		20
Ethyl ether	ND	2500	2200	90		2300	93		59-134	4		20
trans-1,4-Dichloro-2-butene	ND	2500	1800	71		1900	75		70-130	5		20
Methyl cyclohexane	ND	2500	2500	99		2500	101		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 QC Batch ID: WG783411-4 WG783411-5 QC Sample: L1509071-17 Client ID: MW-14

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	100		99		70-130
Toluene-d8	104		102		70-130

Project Name: SGK VENTURES LLC

Lab Number: L1509071

Project Number: 0095-005-002/002

Report Date: 05/11/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1509071-01A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-01B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-01C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-02A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-02B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-02C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-03A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-03B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-03C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-04A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-04B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-04C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-05A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-05B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-05C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-06A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-06B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-06C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-07A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-07B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-07C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-08A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-08B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-08C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-09A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-09B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: SGK VENTURES LLC

Project Number: 0095-005-002/002

Lab Number: L1509071

Report Date: 05/11/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1509071-09C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-10A	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1509071-10B	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1509071-10C	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1509071-11A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-11B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-11C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-12A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-12B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-12C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-13A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-13B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-13C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-14A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-14B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-14C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-15A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-15B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-15C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-16A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-16B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-16C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17A1	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17A2	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17B1	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17B2	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17C1	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-17C2	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-18A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-18B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-18C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1509071-19A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

Report Format: DU Report with 'J' Qualifiers



Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

Data Qualifiers

- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: SGK VENTURES LLC
Project Number: 0095-005-002/002

Lab Number: L1509071
Report Date: 05/11/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Tl; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Tl, Zn;

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;

EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.


**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9183

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 36 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 108

Page

1 of 2

Date Rec'd
11/15/15

APPLY TO

11/15/15

Client Information

Client: Benchmark Eng
Address: 2558 Hamburg Turnpike
2558 Hamburg Turnpike Westborough MA
Phone: (716) 856-0599
Fax: (716) 856-0593
Email: LOREK@BENCHMARKENG.COM

Project Information

Project Name: SGK Ventures LLC
Project Location: Frewsburg NY
Project # 0095-005-002/602

(Use Project name as Project #) ☒ X

Project Manager: Lori Riker

ALPHAQuote #:

Turn-Around Time

Standard ☒ X

Due Date: 5/11/15

Rush (only if pre approved) ☐

of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQUIS (1 File) ☐ EQUIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY
☐ Other:

ANALYSIS
Sample Filtration

☐ Done
☐ Lab to do
☐ Preservation
☐ Lab to do

(Please Specify below)

Sample Specific Comments

Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL	Sample Specific Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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**NEW YORK
CHAIN OF
CUSTODY**
Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Page

1 of 2

Date Rec'd
in Lab

5/11/15

ALPHA Job #

11509071

Client Information

Client: Benchmark Eng
Address: 2558 Hamburg Turnpike
2558 Hamburg Turnpike
Phone: (716) 856-0599
Fax: (716) 856-0593
Email: LOKER@BENCHMARKENG.COM

Project Information

Project Name: SGK Ventures LLC
Project Location: Frewsburg NY
Project # 0095-005-002/602
(Use Project name as Project #) ☒
Project Manager: Lois Riker
ALPHAQuote #:
Turn-Around Time
Standard ☒ Due Date: 5/11/15
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQUIS (1 File) ☐ EQUIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of
applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	Total Bottle
		Date	Time														
09104	MW-1	4/28/15	1313	GLW	TAB/MA	X											3
	MW-2	4/29/15	1202			X											3
	MW-3	4/29/15	1330			X											3
	MW-4	4/28/15	1506			X											3
	MW-4D	4/28/15	1557			X											3
	MW-5	4/28/15	1403			X											3
	MW-5D	4/28/15	1349			X											3
	MW-6	4/29/15	1049			X											3
	MW-7	4/28/15	1430			X											3
	MW-8	4/28/15	1221			X											3

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Please print clearly, legibly
and completely. Samples can
not be logged in and
turnaround time clock will not
start until any ambiguities are
resolved. BY EXECUTING
THIS COC, THE CLIENT
HAS READ AND AGREES
TO BE BOUND BY ALPHA'S
TERMS & CONDITIONS.
(See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	4/30/15 0800	<i>[Signature]</i>	4/30/15 1100
<i>[Signature]</i>	4/30/15 1500	<i>[Signature]</i>	4/30/15 1500
<i>[Signature]</i>	4/30/15 1750	<i>[Signature]</i>	4/30/15 1750
<i>[Signature]</i>	4/30/15 1910	<i>[Signature]</i>	4/30/15 1910
<i>[Signature]</i>	4/30/15 2210	<i>[Signature]</i>	4/30/15 2210
<i>[Signature]</i>	5/11/15 0040	<i>[Signature]</i>	5/11/15 0040

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd In Lab		ALPHA Job #																																																																										
		2 of 2	5/11/15		1509071																																																																										
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information Project Name: <u>SGK Ventures LLC</u> Project Location: <u>Framburg NY</u> Project # <u>0095-005-002/002</u> (Use Project name as Project #) ☒ Project Manager: <u>Lori Riker</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: <u>5/11/15</u> Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Billing Information ☐ Same as Client Info PO #																																																																									
Client Information Client: <u>Benchmark Env</u> Address: <u>2558 Huntington Turnpike</u> <u>Lackawanna NY 14215</u> Phone: <u>(716) 856-0599</u> Fax: <u>(716) 856-0635</u> Email:		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																													
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below)																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">Total Bottle</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>09071</td> <td>MW-9R</td> <td>4/29/15</td> <td>1245</td> <td>GW</td> <td>TAB/MH</td> <td>3</td> </tr> <tr> <td>12</td> <td>Blind Dup</td> <td>4/29/15</td> <td>1200</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>13</td> <td>MW-10</td> <td>4/28/15</td> <td>1141</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>10</td> <td>MW-11R</td> <td>4/29/15</td> <td>1127</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>5</td> <td>MW-12</td> <td>4/29/15</td> <td>1526</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>16</td> <td>MW-13</td> <td>4/28/15</td> <td>1439</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>17</td> <td>MW-14 (ms/mso)</td> <td>4/29/15</td> <td>1349</td> <td></td> <td></td> <td>4</td> </tr> <tr> <td>18</td> <td>EQ Blank</td> <td>4/29/15</td> <td>1630</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>19</td> <td>Trip Blank</td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Total Bottle	Date	Time	09071	MW-9R	4/29/15	1245	GW	TAB/MH	3	12	Blind Dup	4/29/15	1200			3	13	MW-10	4/28/15	1141			3	10	MW-11R	4/29/15	1127			3	5	MW-12	4/29/15	1526			3	16	MW-13	4/28/15	1439			3	17	MW-14 (ms/mso)	4/29/15	1349			4	18	EQ Blank	4/29/15	1630			3	19	Trip Blank					3	Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015	
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Form No: 01-25 HC (rev. 30-Sept-2013) Page 98 of 98		Relinquished By: <u>[Signature]</u> Date/Time: <u>4/30/15 0860</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1500</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1750</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1900</u> <u>[Signature]</u> Date/Time: <u>4/30/15 2210</u> <u>[Signature]</u> Date/Time: <u>5/11/15 0040</u>		Received By: <u>[Signature]</u> Date/Time: <u>4/30/15 1100</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1500</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1750</u> <u>[Signature]</u> Date/Time: <u>4/30/15 1900</u> <u>[Signature]</u> Date/Time: <u>4/30/15 2210</u> <u>[Signature]</u> Date/Time: <u>5/11/15 0040</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																									